

A HOUSE OF ULTIMATE TECHNOLOGY PRODUCTS

© 9999 FL

Professional Web Development Tools



Christian Heilmann

IPC Media Brownbag, London, England May 2009

We sell inconvenient
& unsafe products.

不安と不便

Almost every web site is
broken.

CompulAce
"BUY AT YOUR OWN RISK

This is bad.

Unhappy
visitors.



Unhappy
developers.



Unhappy clients.



Reasons

Lack of communication

Development environment

Piecemeal development

**Lack of handover and
documentation**

Interface to functionality

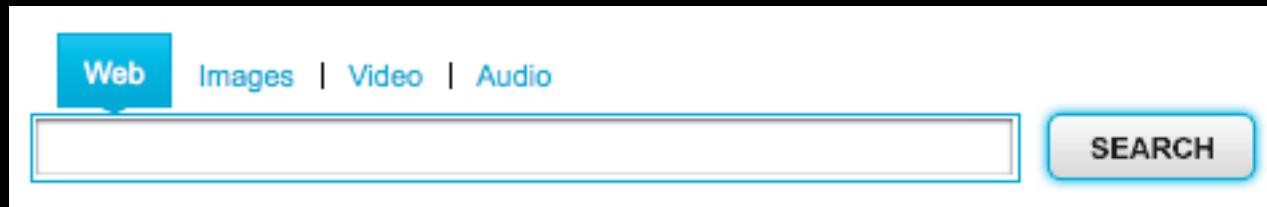
Solutions

Back to Basics

Web

Images | Video | Audio

SEARCH



Task: Define type of search, enter search term, submit form.

Search

- The web
- For images
- For video
- For audio

SEARCH

TV Tonight

[What's on Now](#)< earlier

20:00

21:00

22:00

later >Find a channelGridHourly table

BBC 1	Rogue Traders	Traffic Cops	The Hottest Place on Earth	BBC News at Ten	...	Question Time
BBC 2	Natural World	...	Oil Spill - The Exxon Valdez Disaster	The Graham Norton Show	Newsnight	
ITV1	The Bill		The Truth about Super Skinny Pregnancies	News at Ten and Weather	Dexter	
Channel 4	10 Years Younger		Cutting Edge	Ramsay's Kitchen Nightmares USA		
Five	I Own Britain's Best Home 2009		The Mentalist	Law & Order: Criminal Intent		
Sky Movies Premier	Semi-pro			I Am Legend		

Analyse what data you display, and find the easiest way to show it.

Then make it look the way you want it to.

TV Tonight

[What's on Now](#)

[Find a channel](#)

Switch display mode

- [Grid](#)
- [Hourly table](#)

Times shown here:

1. [20:00 3 hours earlier](#)
2. [21:00](#)
3. [22:00 3 hours later](#)

[BBC 1](#)

1. [20:00-20:30 Rogue Traders](#)
2. [20:30-21:00 Traffic Coos](#)
3. [21:00-22:00 The Hottest Place on Earth](#)
4. [22:00-22:25 BBC News at Ten](#)
5. [22:25-22:35 Regional News and Weather](#)
6. [22:35-23:35 Question Time](#)

[BBC 2](#)

1. [20:00-20:50 Natural World](#)
2. [20:50-21:00 The Rabbits of Skomer](#)
3. [21:00-22:00 Oil Spill - The Exxon Valdez Disaster](#)
4. [22:00-22:30 The Graham Norton Show](#)
5. [22:30-23:20 Newsnight](#)

[ITV1](#)

1. [20:00-21:00 The Bill](#)
2. [21:00-22:00 The Truth about Super Skinny Pregnancies](#)
3. [22:00-22:35 News at Ten and Weather](#)
4. [22:35-23:40 Dexter](#)

[Channel 4](#)

1. [20:00-21:00 10 Years Younger](#)
2. [21:00-22:00 Cutting Edge](#)
3. [22:00-23:05 Ramsay's Kitchen Nightmares USA](#)

[Five](#)

1. [20:00-21:00 I Own Britain's Best Home 2009](#)
2. [21:00-22:00 The Mentalist](#)
3. [22:00-23:00 Law & Order: Criminal Intent](#)

[Sky Movies Premiere](#)

1. [20:00-21:45 Semi-pro](#)
2. [21:45-23:30 I Am Legend](#)

**Build things people want and
know how to use.**

USER NEEDS TO

SEARCH

Search Pagination

NAVIGATION

Breadcrumbs

LINKS

Alphanumeric Filter

TABS

Module Tabs

NAVIGATION TABS

BROWSING

Page Grids

PAGINATION

Item Pagination

SEARCH PAGINATION

SELECTION

Auto Complete

CALENDAR PICKER

Carousel

RICH INTERACTION

DRAG AND DROP

Drag and Drop

MODULES

Invitation

CURSOR INVITATION

Drop Invitation

TOOL TIP INVITATION

Hover Invitation

TRANSITION

Animate

BRIGHTEN

Collapse

CROSS FADE

Dim

EXPAND

Fade In

FADE OUT

Self-Healing

SLIDE

Spotlight

SOCIAL

RATINGS & REVIEWS

Architecture of a Review

RATING AN OBJECT

Vote to Promote

Writing a Review

REPUTATION

Competitive Spectrum

NAMED LEVELS

Numbered Levels

IDENTIFYING LABELS

Points

COLLECTIVE ACHIEVEMENTS

Ranking

RANKING

Leaderboard

TOP X

Sign-in Continuity

SIGN-IN CONTINUITY

TOP X

Participants in some communities welcome the challenge of striving to enter the top tier of competitors.

VOTE TO PROMOTE

User wants to particularize a community submissions.

LEADERBOARD

SIGN-IN CONTINUITY

TOP X

A user with an account but who is not currently signed in wants to participate by contributing something.

JOIN OUR DESIGN PATTERN COMMUNITY

Discuss patterns in our forums, read about new pattern releases on the YUI blog, or join our longstanding Yahoo! Group.

> Discuss this library

YAHOO! U

Need code

GET OUR LIBRARY

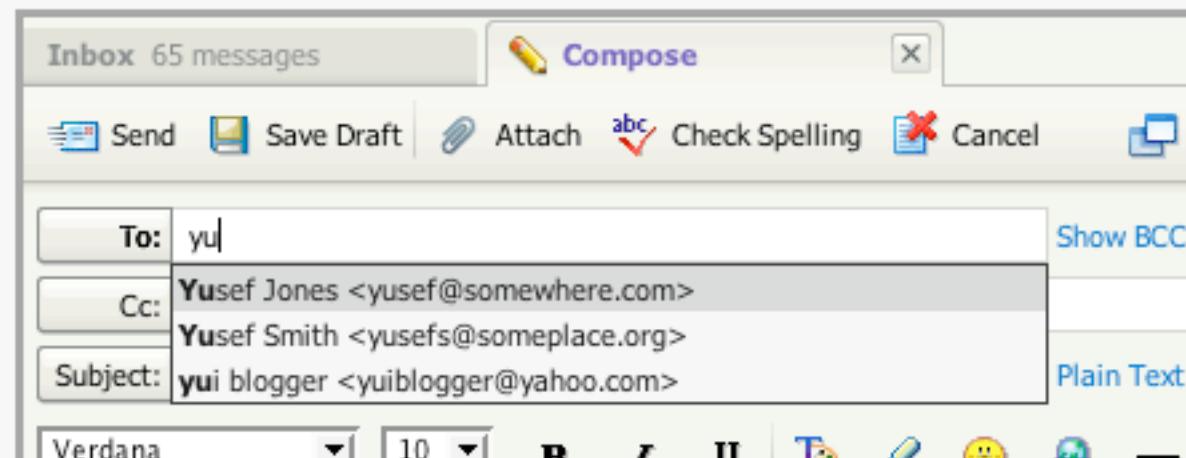
> Learn More

Auto Complete

Problem Summary

The user needs to enter an item into a text box which could be ambiguous or hard to remember and therefore has the potential to be mis-typed.

EXAMPLE:



Rating an Object

Problem Summary

A user wants to quickly leave their opinion on an object, with minimal interruption to any other task flow they are involved in.

http://developer.yahoo.com/ypatterns

Restaurant

(...) [REDACTED]

Alma St

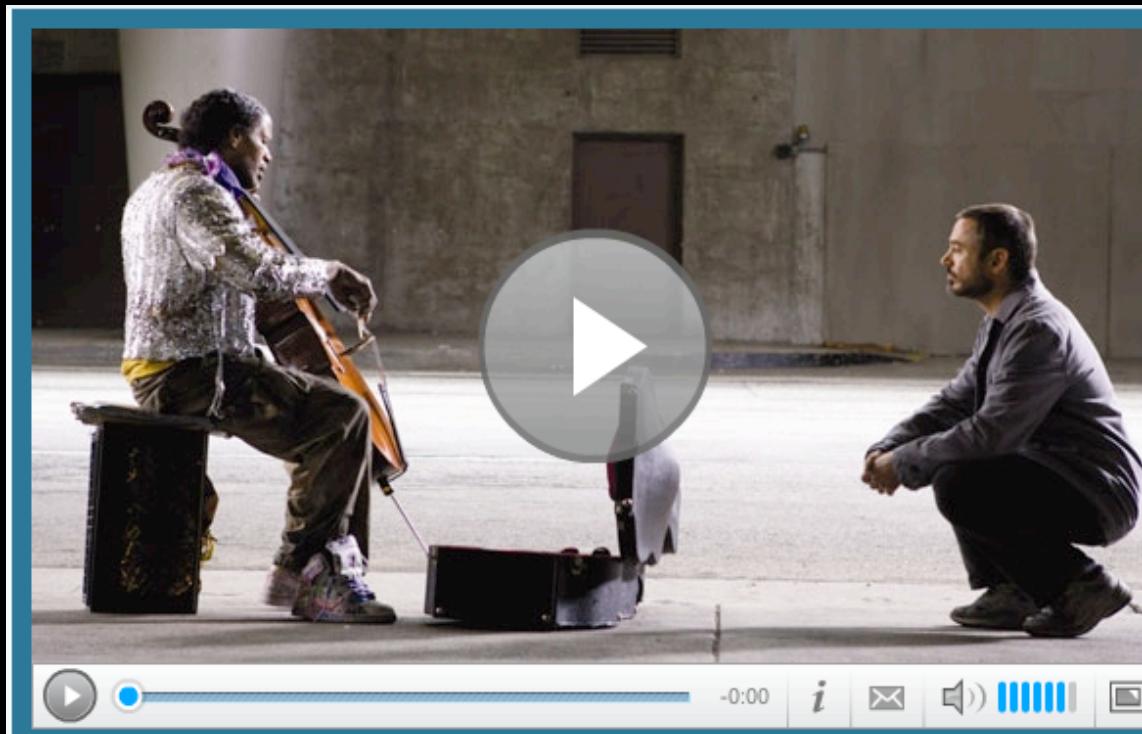


Average Rating (7)

[Read 7 reviews](#)

AVERAGE

Using technology for good



The Soloist - exclusive trailer
from Yahoo! UK Movies
28 views

Cutting Edge - 9/11 Faker
from Yahoo! UK TV
97 views

Watch the trailer for Jamie Foxx and Robert Downey Jr.'s new film

Watch Cutting Edge, tonight at 9pm on Channel 4

[Go to video page](#) [Go to video page](#)

<http://uk.video.yahoo.com/>



Player Controls

- Play/Pause Video
- Seek Reverse
- Seek Forward
- Replay Video
- Volume Down
- Volume Up

Aiming for excellence.

[Show Help using this Converter](#)

Type a country or currency

United States dollar (USD) ▾

Please enter an amount

\$ 1

Type a country or currency

Euro (EUR) ▾

Please enter an amount

€ 0.7961

Using an exchange rate of 1 USD = 0.7961 EUR for 5 March 2009  [View 5 Day Trend](#)**Please note:** The exchange rates given are 'bank rates', high street rates may be subject to commission**Pocket Guide** for 5 March 2009

United States dollar (USD)

\$ 5	\$ 10	\$ 50	\$ 100	\$ 250	\$ 500	\$ 1000
€ 3.98	€ 7.96	€ 39.81	€ 79.61	€ 199.03	€ 398.05	€ 796.1

**[http://finance.yahoo.com/currency-converter?
u#from=USD;to=EUR;amt=1](http://finance.yahoo.com/currency-converter?u#from=USD;to=EUR;amt=1)**

JANUARY 21, 2009

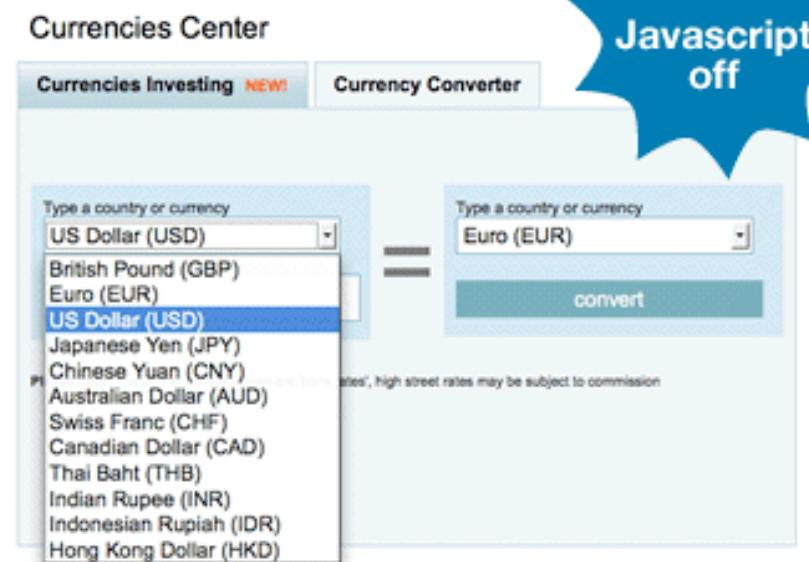
Making the new Yahoo! Currency Converter accessible

When my fellow coworker, the user experience designer [Graham Beale](#), and I started thinking about the new [Yahoo! Currency Converter](#) we had a few clear objectives:

- make it as easy as possible to use
- make it work without page reloads
- make it fast
- make it accessible to everyone

For the last, but not at all least, point we were lucky and very happy to have [Artur Ortega](#) on our team. Artur is not only a brilliant backend engineer but also a screenreader user himself. Without his endless testing and suggesting workarounds, this application would not have been possible.

To arrive at the application you can use today, we went through an intense prototyping and user testing phase with many different iterations. Some of those iterations are still in the converter as parts of our progressive enhancement concert and all of them are based



http://developer.yahoo.net/blog/archives/2009/01/accessible_converter.html

Removing browsers

Graded Browser Support

- [A-Grade GBS Chart](#)
 - [Recent Chart Changes](#)
 - [About the GBS Approach](#)
 - [What Does "Support" Mean?](#)
 - [Progressive Enhancement vs. Graceful Degradation](#)
 - [What are Grades of Support?](#)
 - [Three Grades of Support](#)
 - [The GBS Forecast](#)
 - [The GBS Archive](#)
-

A-Grade Browser Support Chart

This chart lists browsers that receive A-grade support as defined by [Graded Browser Support](#).

	Win 2000	Win XP	Win Vista	Mac 10.4	Mac 10.5
Firefox 3.†	A-grade	A-grade	A-grade	A-grade	A-grade
Firefox 2.†		A-grade			A-grade
IE 7.0		A-grade	A-grade		
IE 6.0	A-grade	A-grade			
Opera 9.5†		A-grade			A-grade

Safari 3.1†

A-grade

A-grade

Making browsers behave.

The Yahoo! User Interface Library (YUI)

Yahoo UI Library

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- [YUI 3.x Preview](#)

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- [Button](#)
- [Calendar](#)
- [Carousel BETA](#)
- [Charts \(experimental\)](#)
- [Color Picker](#)
- [Container](#)



Search

The Yahoo! User Interface Library (YUI)

The YUI Library is a set of utilities and controls, written in JavaScript, for building richly interactive web applications using techniques such as DOM scripting, DHTML and AJAX. YUI is available under a [BSD license](#) and is free for all uses. The YUI project includes the YUI Library and two build-time tools: [YUI Compressor](#) (minification) and [YUI Doc](#) (documentation engine for JavaScript code).

[Download YUI](#)

[Download YUI version 2.7.0](#), including [full API documentation](#) and [more than 300 functional examples](#) from [YUILibrary.com](#).

A preview release of YUI's next-generation 3.x codeline is also available. YUI 3.x is not production-ready, but we're looking forward to your feedback [on the YUI 3 forum](#) as we prepare this new codeline for a 2009 GA release.

The library's developers blog [at the YUI Blog](#) and the YUI Library community exchanges ideas at [YDN-JavaScript on Yahoo! Groups](#).

Using YUI:

- [FAQ](#)
- [Getting Started](#)
- [Licensing](#)
- [Cheat Sheets](#)
- [Support & Community](#)
- [Filing Bugs & Feature Requests](#)

Searchable API Documentation:

[Browse and search the complete YUI API](#).

The YUI Compressor:

[YUI Compressor](#) is a build-process component that helps you minify your JavaScript and CSS.

YUI Doc:

[YUI Doc](#) creates beautiful, searchable API docs for JavaScript components.

YUI Core:

- [The YAHOO Global Object](#) (base requirement for all YUI components)
- [DOM Collection](#) (convenience methods for DOM interactions)
- [Event Utility](#) (event normalization and custom events)

YUI Library Utilities:

- [Animation Utility](#)
- [Browser History Manager](#)
- [Connection Manager](#) (for XHR/Ajax)
- [Cookie Utility](#)
- [DataSource Utility](#)
- [Drag and Drop Utility](#)
- [Element Utility](#)
- [Get Utility](#) (dynamic script/css loading)
- [ImageLoader Utility](#)

YUI Library Controls/Widgets:

- [AutoComplete](#)
- [Button](#)
- [Calendar](#)
- [Carousel BETA](#)
- [Charts \(experimental\)](#)
- [Color Picker](#)
- [Container](#) (including [Module](#), [Overlay](#), [Panel](#), [Tooltip](#), [Dialog](#), [SimpleDialog](#))
- [DataTable](#)
- [ImageCropper BETA](#)
- [Layout Manager](#)
- [Menu](#)
- [Paginator](#)
- [Rich Text Editor](#)
- [Slider](#)
- [TabView](#)
- [Tree](#)

YUI Theater [RSS](#)

Jenny Donnelly — "Hacking with YUI"



YUI engineer Jenny Donnelly provides an introduction to the use of YUI in rapid prototyping environments.

Yahoo! User Interface Blog [RSS](#)

In the Wild for April 9, 2009

YUI Team 04/09/09 10:34:27

Implementation Focus: Lunch.com

Eric Miraglia 04/09/09 10:01:33

John Peloquin's Multi-layer Calendar

Eric Miraglia 04/03/09 15:41:57

Implementation Focus: ConfirmIt

http://developer.yahoo.com/yui/

Note: This is the YUI 3.x site. Looking for the YUI 2.x site?

YUI 3: The Yahoo! User Interface (YUI) Library

[Download YUI 3](#)

YUI 3.x Preview Release 2

YUI 3.0 Preview Release 2 marks the debut of the [Widget](#) and [Plugin](#) infrastructures. [Overlay](#), [Slider](#), and [Console](#) widgets, and [MenuNav Node Plugin](#) exemplify this new plugin/extension infrastructure. Please read the [release announcement](#) for a full overview of YUI 3.0PR2 then review the APIs, play with the [examples](#), and read the documentation on this site.

Download YUI 3.0 PR2 from [YUILibrary.com](#) and join the [YUI 3.x discussion group](#). Remember this is still a preview release. We want your feedback. Things are still in flux.

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- [Functional Examples](#)
- [Dependency Configurator](#)

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- [Profiler](#)
- [YUI Test](#)

CORE

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- [Node](#)
- [Event](#)

UTILITIES

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COMPONENT INFRASTRUCTURE

- [Attribute](#)
- [Base](#)
- [Plugin](#)
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WIDGETS

- [Overlay](#)
- [Slider](#)

NODE PLUGINS

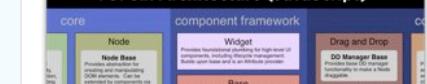
- [MenuNav Node Plugin](#)

Eric Miraglia and Matt Sweeney — "YUI 3: A Look Ahead"



Eric Miraglia and Matt Sweeney provide an overview of the forthcoming YUI 3 release. You can [download the YUI 3.x architecture document discussed in the presentation here](#).

YUI 3.x Architecture (JavaScript)



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YUI Components

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- [Carousel](#) BETA

YUI Reset CSS

The foundational YUI Reset CSS file removes and neutralizes the inconsistent default styles of common HTML elements, creating a level playing field across [A-grade browsers](#) and providing a solid foundation upon which you can *explicitly declare your intentions*.

Note: [YUI Base CSS](#) (introduced in version 2.3.0) can compliment Reset by applying a solid foundation for common HTML elements that is consistent across A-grade browsers.

On This Page:

- [Video: The YUI CSS Foundation](#)
- [Getting Started](#)
- [See the Code](#)
- [Support & Community](#)
- [Filing Bugs and Feature Requests](#)

Quick Links:

- [Examples](#): Explore examples of the Reset CSS Package in action.
- [Release Notes](#): Detailed change log for the Reset CSS Package.
- [License](#): The YUI Library is issued under a BSD license.
- [Download](#): Download the Reset CSS Package as part of the full YUI Library at [YUILibrary.com](#).

Video: The YUI CSS Foundation

In this 42-minute tech talk from October 2007, YUI senior engineer and CSS component author Nate Koechley provides a holistic introduction to this and all of the YUI CSS components. [[iPod/iPhone compatible download also available](#).]

<http://developer.yahoo.com/yui/reset/>

Building a CSS Foundation with YUI Reset

Test page with YUI Reset applied

**YUI Reset removes and normalizes the presentation of HTML elements.
The process creates a level playing field upon which to author CSS.**

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit Lorem ipsum dolor sit amet, volutpat.

**This is 2nd level heading bh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.
Ut wisi luptatum zzril delenit Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam no**

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This is 3rd level heading

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

This is 4th level heading

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

This is 5th level heading

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

This is 6th level heading

Basic block level elements

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim zzril delenit Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

This holds an address. Block level, but without margin or padding because they're often stacked.

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim zzril delenit Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

This is a `div` element. Lorem ipsum dolor sit amet, elit, sed diam nonummy nibh euismod tincidunt ut consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. (End of `div`.)

This is a block quotation containing a *single* paragraph. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

The following contains address information about the author, in an `address` element.

Lists

This is a paragraph before an **unnumbered** list (`ul`). Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

- One.
- Two.
- Three. Well, probably this list item should be longer. Note that for short items lists look better if they are compactly presented, whereas for long items, it would be better to have more vertical spacing between items.
- Four. This is the last item in this list. Let us terminate the list now without making any more fuss about it.

This is a paragraph before a **numbered** list (`ol`). Note that the spacing between a paragraph and a list before or after that is hard to tune in a user style sheet. You can't guess which paragraphs are logically related to a list, e.g. as a "list header".

1. One.
2. Two.
3. Three. Well, probably this list item should be longer. Note that if items are short, lists look better if they are compactly presented, whereas for long items, it would be better to have more vertical spacing between items.
4. Four. This is the last item in this list. Let us terminate the list now without making any more fuss about it.
5. Five.

Text-level markup

- CSS (an abbreviation; `abbr` markup used)
- radar (an acronym; `acronym` markup used)
- *Origin of Species* (a book title; `cite` markup used)
- `a[i] = b[i] + c[i];` (computer code; `code` markup used)
- an *octet* is an entity consisting of eight bits (`dfn` markup used for the term being defined)
- this is *very simple* (`em` markup used for emphasizing a word)
- type `yes` when prompted for an answer (`kbd` markup used for text indicating keyboard input)
- "Hello!" (`q` markup used for quotation)
- He said: "She said 'Hello!'" (a quotation inside a quotation)
- you may get the message `Core dumped` at times (`samp` markup used for sample output)
- **this is highlighted text** (`strong` markup used)
- `text in monospace font` (`tt` markup used)
- the command `cat filename` displays the file specified by the *filename* (`var` markup used to indicate a word as a variable).
- In order to test how subscripts and superscripts (`sub` and `sup` markup) work inside running text, we need some dummy text around constructs like x_1 and H_2O (where subscripts occur). So here is some fill so that you will (hopefully) see whether and how badly the subscripts and superscripts mess up vertical spacing between lines. Now superscripts: M^{llc} , 1^{st} , and then some mathematical notations: e^x , $\sin^2 x$, and some nested superscripts (exponents) too: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

Some of the elements tested above are typically displayed in a monospace font, often using the *same* presentation for all of them. This tests whether that is the case on your browser:

- This is sample text inside `code` markup
- This is sample text inside `kbd` markup
- This is sample text inside `samp` markup
- This is sample text inside `tt` markup

Links

- developer.yahoo.com/yui
- [the YUI Blog](#)

Tables

Tables

The following table has a caption. The first row and the first column contain table header cells only; other cells are data cells.

Caption: Sample table: Areas of
the Nordic countries, in sq km

Country	Total area	Land area
Denmark	43,070	42,370
Finland	337,030	305,470
Iceland	103,000	100,250
Norway	324,220	307,860
Sweden	449,964	410,928

Forms

Single-line text input field:

Multi-line text input field (textarea):

```
Default text.
```

The following two radio buttons are inside `fieldset` element with a legend:

Legend

Radio button 1

Radio button 2 (initially checked)

Checkbox 1

Checkbox 2 (initially checked)

A select element with size="1" (dropdown box):



A select element with size="3" (listbox):

Submit button:

Reset button:

This next bit shows that PREformatted text is working.

1
2
3
4
5

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

ctrl+z

Test page with YUI Reset applied

YUI Reset removes and normalizes the presentation of HTML elements. The process creates a level playing field upon which to author CSS.

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit Lorem ipsum dolor sit amet, volutpat.

This is 2nd level heading bh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi luptatum zzril delenit Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam no

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

This is 3rd level heading

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

This is 4th level heading

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

This is 5th level heading

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

This is 6th level heading

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

Basic block level elements

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim zzril delenit Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

This holds an address. Block level, but without margin or padding because they're often stacked.

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim zzril delenit Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

This is a `div` element. Lorem ipsum dolor sit amet, elit, sed diam nonummy nibh euismod tincidunt ut consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. (End of `div`.)

This is a block quotation containing a single paragraph. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

The following contains address information about the author, in an `address` element.

Lists

This is a paragraph before an unnumbered list (`ul`). Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

One.

Two.

Three. Well, probably this list item should be longer. Note that for short items lists look better if they are compactly presented, whereas for long items, it

This is a paragraph before an unnumbered list (u1). Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

One.

Two.

Three. Well, probably this list item should be longer. Note that for short items lists look better if they are compactly presented, whereas for long items, it would be better to have more vertical spacing between items.

Four. This is the last item in this list. Let us terminate the list now without making any more fuss about it.

This is a paragraph before a numbered list (o1). Note that the spacing between a paragraph and a list before or after that is hard to tune in a user style sheet. You can't guess which paragraphs are logically related to a list, e.g. as a "list header".

One.

Two.

Three. Well, probably this list item should be longer. Note that if items are short, lists look better if they are compactly presented, whereas for long items, it would be better to have more vertical spacing between items.

Four. This is the last item in this list. Let us terminate the list now without making any more fuss about it.

Five

Six

Seven

Eight

Nine

Ten

This is a paragraph before a definition list (dl1). In principle, such a list should consist of terms and associated definitions. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

Apple

is a fruit.

Banana

Is also a fruit.

Tomato

Is debatable. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

Text-level markup

CSS (an abbreviation; abbr markup used)

radar (an acronym; acronym markup used)

Origin of Species (a book title; cite markup used)

a[i] = b[i] + c[i]; (computer code; code markup used)

an octet is an entity consisting of eight bits (dfn markup used for the term being defined)

this is very simple (em markup used for emphasizing a word)

type yes when prompted for an answer (kbd markup used for text indicating keyboard input)

Hello! (q markup used for quotation)

He said: She said Hello! (a quotation inside a quotation)

Is debatable. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

Text-level markup

CSS (an abbreviation; `abbr` markup used)

radar (an acronym; `acronym` markup used)

Origin of Species (a book title; `cite` markup used)

`a[i] = b[i] + c[i];` (computer code; `code` markup used)

an octet is an entity consisting of eight bits (`dfn` markup used for the term being defined)

this is very simple (`em` markup used for emphasizing a word)

type `yes` when prompted for an answer (`kbd` markup used for text indicating keyboard input)

Hello! (`q` markup used for quotation)

He said: She said Hello! (a quotation inside a quotation)

you may get the message `core dumped` at times (`samp` markup used for sample output)

this is highlighted text (`strong` markup used)

`text in monospace font` (`tt` markup used)

the command `cat filename` displays the file specified by the filename (`var` markup used to indicate a word as a variable).

In order to test how subscripts and superscripts (`sub` and `sup` markup) work inside running text, we need some dummy text around constructs like x_1 and H_2O (where subscripts occur). So here is some fill so that you will (hopefully) see whether and how badly the subscripts and superscripts mess up vertical spacing between lines. Now superscripts: M^{1e} , 1^{st} , and then some mathematical notations: $\sin^2 x$, and some nested superscripts (exponents) too: Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Some of the elements tested above are typically displayed in a monospace font, often using the same presentation for all of them. This tests whether that is the case on your browser:

This is sample text inside code markup

This is sample text inside kbd markup

This is sample text inside samp markup

This is sample text inside tt markup

Links

developer.yahoo.com/yui

[the YUI Blog](#)

Tables

The following table has a caption. The first row and the first column contain table header cells only; other cells are data cells.

Caption: Sample table:

Areas of the Nordic

countries, in sq km

Country	Total area	Land area
Denmark	43,070	42,370
Finland	337,030	305,470
Iceland	103,000	100,250

The following two radio buttons are inside `fieldset` element with a legend:

Legend

Radio button 1

Radio button 2 (initially checked)

Check those that apply

Checkbox 1

Checkbox 2 (initially checked)

A `select` element with `size="1"` (dropdown box):

two (default)

A `select` element with `size="3"` (listbox):

one
two (default)
three

Submit button:

Reset button:

This next bit shows that PREformatted text is working.

1
2
3
4
5

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna

YUI Fonts Example: Setting Font Size

Note: To set the font size, always use percentages (%) from the [conversion chart](#) for maximum consistency and accessibility.

Lorem ipsum dolor. [77% = 10px]

Lorem ipsum dolor. [85% = 11px]

Lorem ipsum dolor. [93% = 12px] (was 92%)

Lorem ipsum dolor. [100% = 13px]

Lorem ipsum dolor. [108% = 14px] (was 107%)

Lorem ipsum dolor. [116% = 15px] (was 114%)

Lorem ipsum dolor. [123.1% = 16px] (was 122%)

Lorem ipsum dolor. [131% = 17px] (was 129%)

Lorem ipsum dolor. [138.5% = 18px] (was 136%)

Lorem ipsum dolor. [146.5% = 19px] (was 144%)

Lorem ipsum dolor. [153.9% = 20px] (was 152%)

Lorem ipsum dolor. [161.6% = 21px] (was 159%)

Lorem ipsum dolor. [167% = 22px]

Lorem ipsum dolor. [174% = 23px]

Lorem ipsum dolor. [182% = 24px]

Lorem ipsum dolor. [189% = 25px]

Lorem ipsum dolor. [197% = 26px]

Header - Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Maecenas sit amet metus. Nunc quam elit, posuere nec, auctor in, rhoncus quis, dui. Aliquam erat volutpat. Ut dignissim, massa sit amet dignissim cursus, quam lacus feugiat.

A - Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exercitation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

Footer - Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Maecenas sit amet metus. Nunc quam elit, posuere nec, auctor in, rhoncus quis, dui. Aliquam erat volutpat. Ut dignissim, massa sit amet dignissim cursus, quam lacus feugiat.

<http://developer.yahoo.com/yui/grids/>

role: banner ▾

Header

role: main ▾

role: none ▾ Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Maecenas sit amet metus. Nunc quam elit, posuere nec, auctor in, rhoncus quis, dui. Aliquam erat volutpat. Ut dignissim, massa sit amet dignissim cursus, quam lacus feugiat.

role: none ▾ Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Maecenas sit amet metus. Nunc quam elit, posuere nec, auctor in, rhoncus quis, dui. Aliquam erat volutpat. Ut dignissim, massa sit amet dignissim cursus, quam lacus feugiat.

role: none ▾ Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Maecenas sit amet metus. Nunc quam elit, posuere nec, auctor in, rhoncus quis, dui. Aliquam erat volutpat. Ut dignissim, massa sit amet dignissim cursus, quam lacus feugiat.

Order 1

Order 7

Order 2

Order 3

Order 4

Order 5

Order 6

Order 8

role: contentinfo ▾

Footer

YUI CSS Grid Builder

Body Size
750px ▾

Body Columns
Sidebar left 180px ▾

Split Content

Row: 2 Column (25/75) ▾

Row: 3 Column (33/33/33) ▾

Add Row

Accessibility

Use ARIA Landmark Roles

Show Reading Order

Set Header Content

Set Footer Content

Show Code

Reset

Return to Docs

<http://developer.yahoo.com/yui/grids/builder/>

Doing one job at a time.

DOM access.

"AutoGrid" for YUI Grids CSS, by Christian Heilmann

This adaptive implementation of [YUI Grids](#) switches out the Grid template depending on the size of the viewport.

Sidebar

- When the available screen space is larger than 950 pixels, use doc2 and the widest sidebar — either left or right
- If you have less than 950 pixels, use doc and the medium size sidebars
- If you have less than 760 pixels, use doc3 and the smallest sidebars
- If you have even less — say 600 pixels — at your disposal, show the side bar below the main content

For the full description of this implementation, please check out [Christian's AutoGrids article on YUIBlog](#).

(c) 2008 Christian Heilmann; [free to reuse under YUI's BSD License](#).

<http://yuiblog.com/blog/2008/06/25/autogrids>

```
YAHOO.example.autoGrid = function(){
var container = YAHOO.util.Dom.get('doc') ||
                YAHOO.util.Dom.get('doc2') ||
                YAHOO.util.Dom.get('doc4') ||
                YAHOO.util.Dom.get('doc3') ||
                YAHOO.util.Dom.get('doc-custom');

if(container){
    var sidebar = null;
    var classes = container.className;
    if(classes.match(/yui-t[1-3] lyui-left/)){
        var sidebar = 'left';
    }
    if(classes.match(/yui-t[4-6] lyui-right/)){
        var sidebar = 'right';
    }
    function switchGrid(){
        var currentWidth = YAHOO.util.Dom.getViewportWidth();
```

```
if(currentWidth > 950){  
    container.id = 'doc2';  
    if(sidebar){  
        container.className = sidebar === 'left'  
            ? 'yui-t3' : 'yui-t6';  
    }  
}  
if(currentWidth < 950){  
    container.id = 'doc';  
    if(sidebar){  
        container.className = sidebar === 'left'  
            ? 'yui-t2' : 'yui-t5';  
    }  
}  
if(currentWidth < 760){  
    container.id = 'doc3';  
    if(sidebar){  
        container.className = sidebar === 'left'  
            ? 'yui-t1' : 'yui-t4';  
    }  
}
```

```
if(currentWidth < 600){
    container.id = 'doc3';
    container.className = '';
}
};

switchGrid();
function throttle(method, scope) {
    clearTimeout(method._tId);
    method._tId= setTimeout(function(){
        method.call(scope);
    }, 100);
};

YAHOO.util.Event.on(window, 'resize',function(){
    throttle(YAHOO.example.autoGrid.switchGrid,window);
});

};

return {
    switchGrid:switchGrid
};
}();
```

**Predicting issues and fixing
them.**

position:fixed is sexy!

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YUI Grid with fixed sidebar

Kittens <ul style="list-style-type: none"> • Kittens • Kittens • Kittens Hamsters <ul style="list-style-type: none"> • Hamsters • Hamsters • Hamsters Puppies <ul style="list-style-type: none"> • Puppies • Puppies • Puppies 	<p>Lore ipsum dolor sit amet, consectetuer adipiscing elit. Morbi molestie porttitor lorem. Vivamus et enim. Proin scelerisque elementum lorem. Sed quis quam at massa suscipit convallis. Nunc vulputate. Aliquam erat volutpat. Proin vulputate bibendum nisi. Vestibulum porttitor. Quisque accumsan mattis diam. Morbi sagittis, quam eget dapibus vulputate, eros elit tincidunt magna, vitae rhoncus ligula mauris ut enim.</p> <p>Lore ipsum dolor sit amet, consectetuer adipiscing elit. Morbi molestie porttitor lorem. Vivamus et enim. Proin scelerisque elementum lorem. Sed quis quam at massa suscipit convallis. Nunc vulputate. Aliquam erat volutpat. Proin vulputate bibendum nisi. Vestibulum porttitor. Quisque accumsan mattis diam. Morbi sagittis, quam eget dapibus vulputate, eros elit tincidunt magna, vitae rhoncus ligula mauris ut enim.</p>
--	---

Done

Kittens <ul style="list-style-type: none"> • Kittens • Kittens • Kittens Hamsters <ul style="list-style-type: none"> • Hamsters • Hamsters • Hamsters Puppies <ul style="list-style-type: none"> • Puppies • Puppies • Puppies 	<p>Lore ipsum dolor sit amet, consectetuer adipiscing elit. Morbi molestie porttitor lorem. Vivamus et enim. Proin scelerisque elementum lorem. Sed quis quam at massa suscipit convallis. Nunc vulputate. Aliquam erat volutpat. Proin vulputate bibendum nisi. Vestibulum porttitor. Quisque accumsan mattis diam. Morbi sagittis, quam eget dapibus vulputate, eros elit tincidunt magna, vitae rhoncus ligula mauris ut enim.</p> <p>Lore ipsum dolor sit amet, consectetuer adipiscing elit. Morbi molestie porttitor lorem. Vivamus et enim. Proin scelerisque elementum lorem. Sed quis quam at massa suscipit convallis. Nunc vulputate. Aliquam erat volutpat. Proin vulputate bibendum nisi. Vestibulum porttitor. Quisque accumsan mattis diam. Morbi sagittis, quam eget dapibus vulputate, eros elit tincidunt magna, vitae rhoncus ligula mauris ut enim.</p>
--	---

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Done

YUI Grid with fixed sidebar

file:///Users/cheil/Desktop/yui-for-control-freaks/fixed.htm

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Kittens

- Kittens
- Kittens
- Kittens

Hamsters

- Hamsters
- Hamsters
- Hamsters

Puppies

sagittis, quam eget dapibus vulputate, eros elit tincidunt magna, vitae rhoncus ligula mauris ut enim.

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sagittis, quam eget dapibus vulputate, eros elit tincidunt magna, vitae rhoncus ligula mauris ut enim.

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Morbi molestie porttitor lorem. Vivamus et enim. Proin scelerisque elementum lorem. Sed quis quam at massa suscipit convallis. Nunc vulputate. Aliquam erat volutpat. Proin vulputate bibendum nisi. Vestibulum porttitor. Quisque accumsan mattis diam. Morbi sagittis, quam eget dapibus vulputate, eros elit tincidunt magna, vitae rhoncus ligula mauris ut enim.

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Done

1 Error YSlow



S3Fox

```
var YD = YAHOO.util.Dom;
YAHOO.util.Event.onDOMReady(toggleMenu);
YAHOO.util.Event.on(window,'resize',function(){
    toggleMenu();
});
function toggleMenu(){
    var sidebar = YD.getRegion('sb');
    var browser = YD.viewportHeight();
    YD.setStyle('sb','position',
        browser < sidebar.bottom ? 'static' : 'fixed'
    );
}
```

Once fixed, let's re-use.

Y U I Example

YUI User
Sign Out, Member Center, Classic Mail

YUI | Yahoo! | Yahoo! News

Search t

Check Mail New

Inbox Drafts Sent Spam Trash Contacts Calendar Notepad ydn-patterns ydn-mail yws-maps ydn-delicious yws-flickr yws-events

Home Inbox New Message

Send Attach Save Draft Spelling Cancel

To: Subject:

Font Name and Size Arial 13 Font Style B I U A_x A^x T P Undo/Redo Alignment

Indenting and Lists Insert Item

YUI Library Controls/Widgets:

- [AutoComplete](#)
- [Button](#)
- [Calendar](#)
- [Carousel BETA](#)
- [Charts \[experimental\]](#)
- [Color Picker](#)
- [Container \(including Module, Overlay, Panel, Tooltip, Dialog, SimpleDialog\)](#)
- [DataTable](#)
- [ImageCropper BETA](#)
- [Layout Manager](#)
- [Menu](#)
- [Paginator](#)
- [Rich Text Editor](#)
- [Slider](#)
- [TabView](#)
- [TreeView](#)
- [Uploader BETA](#)

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Welcome to the home screen

Thu 01/29/2009 11:13 am

Fair, 44 F
Sunnyvale, CA[Top Stories](#) [World](#) [Entertainment](#) [Sports](#)**Obama seeks Senate GOP help for recovery bill (AP)**

AP - President Barack Obama's economic stimulus legislation is headed for the Senate after a surprisingly partisan vote in the House in which Republicans united in opposition and 11 mostly conservative Democrats defected.

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- [Gov't to report on jobless claims as layoffs rise \(AP\)](#)
- [Peanut plant problem forces fresh recall \(AP\)](#)
- [Hamas officials signal willingness to negotiate \(AP\)](#)
- [Illinois governor to speak at impeachment trial \(AP\)](#)
- [States get D-plus on teacher reviews \(AP\)](#)
- [Thousands may face frigid, lightless nights ahead \(AP\)](#)

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[yws-flickr](#)
[yws-events](#)[Check Mail](#) [New](#)[Home](#) [Inbox](#)**New Message**[Send](#)[Attach](#)[Save Draft](#)[Spelling](#)[Cancel](#)

To:

Subject:

Font Name and Size

Arial

Font Style

B*I*U^{A_x}^{A_x}

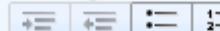
Undo/Redo

Alignment

Paragraph Style

Normal

Indenting and Lists



Insert Item

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[yws-flickr](#)
[yws-events](#)

**Re-use means the ability to
style differently.**

Understanding YUI Skins

By Nate Koechley
Yahoo! Inc.
August 1, 2007

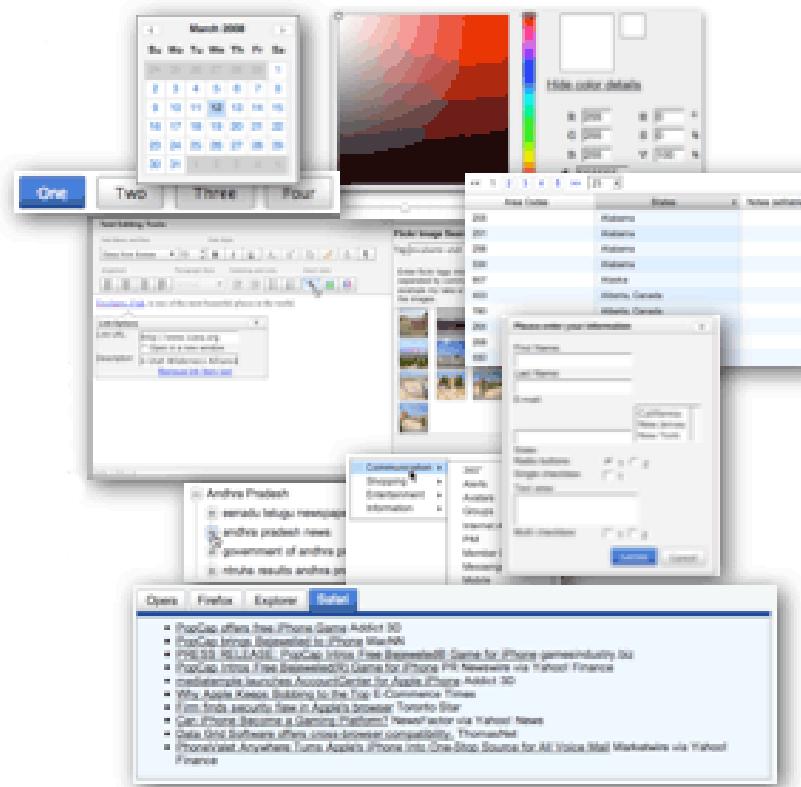
The visual presentation of YUI controls is defined with CSS. YUI version 2.3.0 includes a new, cohesive, visual look and feel, or skin. We call this skin "Sam" as a thank you to talented designer Sam Lind for creating it and working with the YUI team to see it implemented.

Using YUI Skins

There are two steps to using YUI skins. First, add the skin's class name to your document, or regions of your document. Second, link in the skin's CSS file.

CSS rules for skins are "namespaced" under contextual selectors based on the skin name, in this case "yui-skin-sam." You can apply the skin to the full document or just to specific regions or controls.

To apply the Sam Skin to an entire page, add a "yui-skin-sam" class value to your body element:



<http://developer.yahoo.com/yui/articles/skinning/>

Document your work.



Show Deprecated



Show Protected



Show Private

Modules

animation
autocomplete
button
calendar
carousel
charts
colorpicker
connection
container
cookie
datasource
datatable
dom
dragdrop
editor
element
event
get
history
imagecropper
imageresize
json
layout
logger
menu
paginator
profiler

Class YAHOO.widget.Carousel - extends [YAHOO.util.Element](#)

The Carousel widget.

Constructor

YAHOO.widget.Carousel (el , cfg)

Parameters:

el <HTMLElement | String> The HTML element that represents the the container that houses the Carousel.
cfg <Object> (optional) The configuration values

Properties

BUTTON - object

The class name of the Carousel navigation buttons.

Default Value: "yui-carousel-button"

CAROUSEL - object

The class name of the Carousel element.

Default Value: "yui-carousel"

CAROUSEL_EL - object

The class name of the container of the items in the Carousel.

Default Value: "yui-carousel-element"

CONTAINER - object

The class name of the Carousel's container element.

<http://developer.yahoo.com/yui/docs/>

Learn by example.



Yahoo! User Interface Library (YUI): Index of Library Examples

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[Carousel](#)
[Charts \(experimental\)](#)
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YUI Library: Index of Official Examples

Every YUI Library component ships with a series of 300 examples that illustrate its implementation. These examples can serve as starting points for your exploration of YUI, as code snippets to get you started in your own programming, or simply as an inspiration as to how various interaction patterns can be enabled in the web browser via YUI.

The navigation controls on the left side of this page allow you to explore these examples component-by-component; on this page you'll find the full index of library examples with a link to and short description of each one.

CSS Foundation

Base CSS

Basic Test Suite for YUI Base	YUI Base CSS provides a consistent and legible rendering of HTML elements; this example gives you a straightforward look at how Base styles common HTML elements.
YUI Base, 750px	Base CSS and the full YUI CSS Foundation in a 750px-wide YUI CSS Grid.
YUI Base, 950px	Base CSS and the full YUI CSS Foundation in a 950px-wide YUI CSS Grid.
YUI Base, 974px	Base CSS and the full YUI CSS Foundation in a 974px-wide YUI CSS Grid.
YUI Base, 100%	Base CSS and the full YUI CSS Foundation in a 100%-of-page-width YUI CSS Grid.

Fonts CSS

Basic Test Suite for YUI Fonts	Put Fonts on a page to achieve consistent font-styling and line-height characteristics.
Setting the font size	Use percentages to specify font sizes when using YUI Fonts.
Setting the font family	Specify the font family you want and let YUI Fonts handle alternative fallback font-families.

Grids CSS

Page Width = 750px	Use Grids' preset page width of 750px.
Page Width = 950px	Use Grids' preset page width of 950px.
Page Width = 974px	Use Grids' preset page width of 974px.
Page Width = 100%	Use Grids' preset page width of 100%.
Custom Page Width	Specify an arbitrary page width.
Preset Template 1, 160px left	Use Grids' preset templates to put a 160px narrow column on the left side.
Preset Template 2, 180px left	Use Grids' preset templates to put a 180px narrow column on the left side.
Preset Template 3, 300px left	Use Grids' preset templates to put a 300px narrow column on the left side.
Preset Template 4, 180px right	Use Grids' preset templates to put a 180px narrow column on the right side.
Preset Template 5, 240px right	Use Grids' preset templates to put a 240px narrow column on the right side.
Preset Template 6, 300px right	Use Grids' preset templates to put a 300px narrow column on the right side.



YUI Web Sites We Love

The dozens of examples on this page are a worthwhile place to start, but the official YUI examples are just the tip of the iceberg when it comes to YUI sample code and YUI-powered sites from which you can gather additional ideas. Here are a few YUI-related sites that we find ourselves going back to again and again.

- [Dav Glass's Blog](#): Dav, who is now a member of the YUI team, has the most extensive set of YUI-focused examples anywhere on the web.
- [Satyam's YUI Site](#): Satyam is a well-known YUI expert who has assisted thousands of developers with their YUI implementations.

Allow for extension.

Modules

animation
autocomplete
button
calendar
charts
colorpicker
connection
container
cookie
datasource
datatable
dom
dragdrop
editor
element
event
get
history
imagecropper
imageloader
json
layout
logger

Module: container

Show Protected

Show Private

The Container family of components is designed to enable developers to create different kinds of content-containing modules on the web. Module and Overlay are the most basic containers, and they can be used directly or extended to build custom containers. Also part of the Container family are four UI controls that extend Module and Overlay: Tooltip, Panel, Dialog, and SimpleDialog.

Search container:

event

YAHOO.widget.Module	appendEvent
YAHOO.widget.Dialog	asyncSubmitEvent
YAHOO.widget.Module	beforeHideEvent
YAHOO.widget.Module	beforeInitEvent
YAHOO.widget.Overlay	beforeMoveEvent
YAHOO.widget.Module	beforeRenderEvent
YAHOO.widget.Module	beforeShowEvent
YAHOO.widget.Dialog	beforeSubmitEvent
YAHOO.widget.Dialog	cancelEvent
YAHOO.widget.Module	changeBodyEvent
YAHOO.widget.Module	changeContentEvent
YAHOO.widget.Module	changeFooterEvent
YAHOO.widget.Module	changeHeaderEvent
YAHOO.util.Config	configChangedEvent
YAHOO.widget.Tooltip	contextMouseOutEvent
YAHOO.widget.Tooltip	contextMouseOverEvent

```
//This is the first animation; this one will
//fire when the button is clicked.
var move = new YAHOO.util.Anim("animator", {
    left: {from:0, to:75}
}, 1);
//This is the second animation; it will fire
//when the first animation is complete.
var changeColor = new YAHOO.util.ColorAnim(
    "animator", { backgroundColor:
    {from:"#003366", to:"#ff0000"}
}, 1);
//Here's the chaining glue: We subscribe to the
//first animation's onComplete event, and in
//our handler we animate the second animation:
move.onComplete.subscribe(function() {
    changeColor.animate();
});
```

```
//Here we set up our YUI Button and subscribe to  
//its click event. When clicked, it will  
//animate the first animation:  
var start = new YAHOO.widget.Button("startAnim");  
start.subscribe("click", function() {  
    //reset the color value to the start so that  
    //the animation can be run multiple times:  
    YAHOO.util.Dom.setStyle("animator",  
        "backgroundColor",  
        "#003366");  
    move.animate();  
});
```

```
//You can also make use of the onStart and onTween  
//custom events in Animation; here, we'll log all  
//of changeColor's custom events and peek at their  
//argument signatures:  
changeColor.onStart.subscribe(function() {  
    YAHOO.log("changeColor animation is starting.",  
        "info", "example");  
});  
changeColor.onTween.subscribe(function(s, o) {  
    YAHOO.log("changeColor onTween firing with these  
    arguments: " + YAHOO.lang.dump(o),  
        "info", "example");  
});  
changeColor.onComplete.subscribe(function(s, o) {  
    YAHOO.log("changeColor onComplete firing with  
    these arguments: " + YAHOO.lang.dump(o),  
        "info", "example");  
});
```

Know what is happening.

Logger Control: Using LogWriter

Using LogWriter.

Example: Log messages into different categories

By default, unsourced log messages get assigned to a "global" bucket.

- [Log an "info" message.](#)
- [Log a "warn" message.](#)
- [Log an "error" message.](#)
- [Log a "time" message.](#)

Example: Log messages into different categories and assign them to a source called myBucket

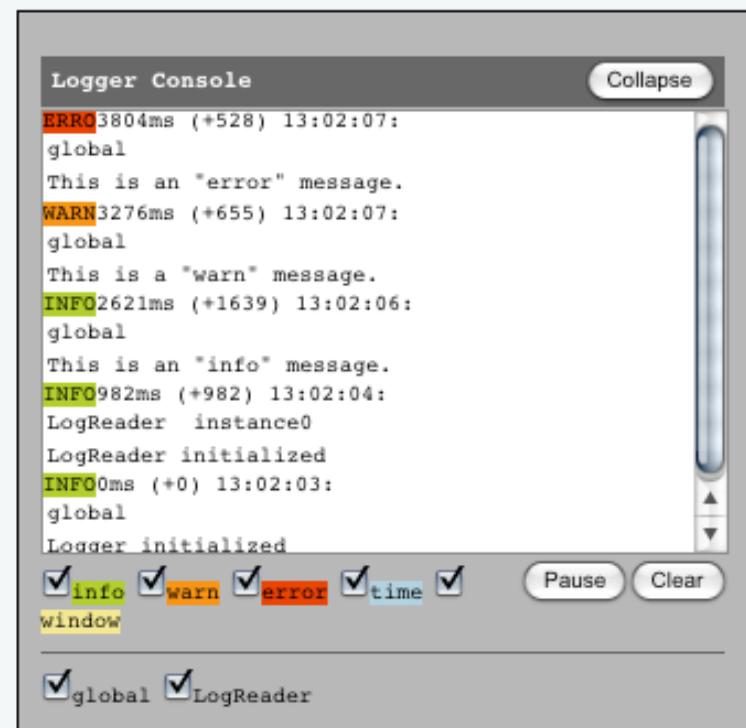
You can assign a source to a log message by passing it in as the third argument to `YAHOO.log()`.

- [Log an "info" message.](#)
- [Log a "warn" message.](#)
- [Log an "error" message.](#)
- [Log a "time" message.](#)

Example: Create a LogWriter to write log messages from a class named MyClass

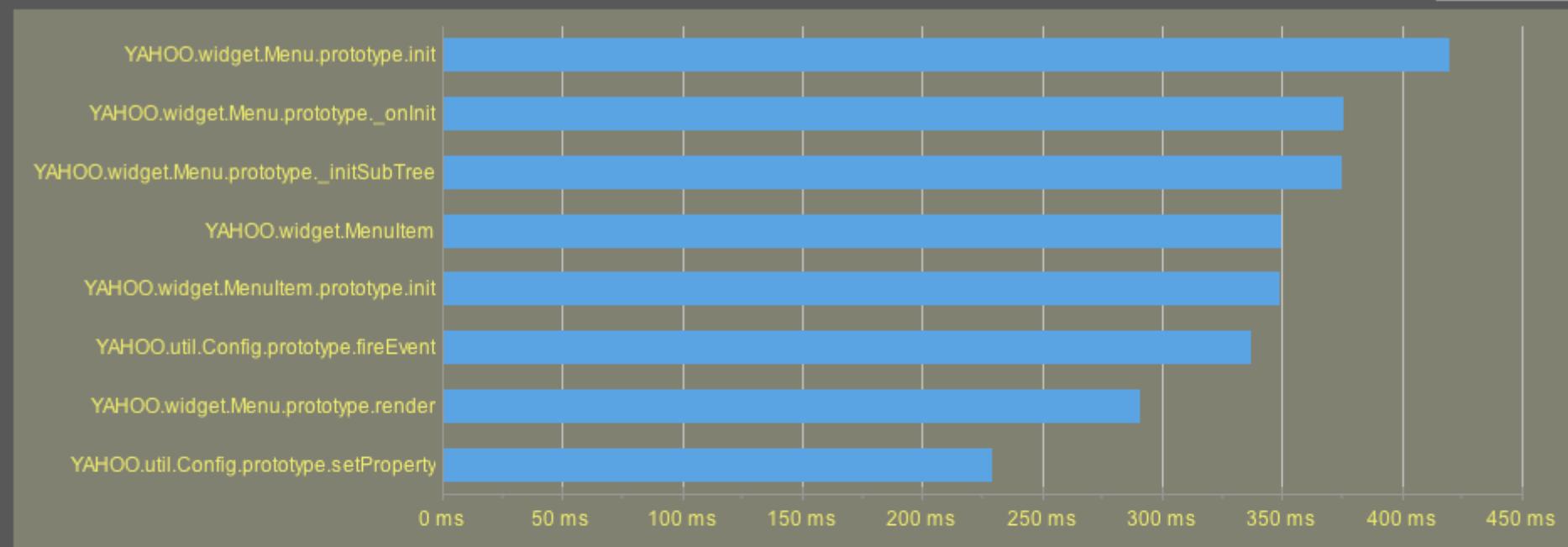
If you plan to assign many log messages to the same source (such as from a class), it may be easier to write log messages from a LogWriter instance.

- [Log an "info" message.](#)
- [Log a "warn" message.](#)
- [Log an "error" message.](#)
- [Log a "time" message.](#)



Monitor performance.

Total Time



Function/Method	Calls	Average	Shortest	Longest	Total Time ▼	Percent
YAHOO.widget.Menu.prototype.init	6	70 ms	23 ms	213 ms	420 ms	8.58%
YAHOO.widget.Menu.prototype._onInit	6	62.667 ms	16 ms	204 ms	376 ms	7.68%
YAHOO.widget.Menu.prototype._initSubTree	6	62.5 ms	16 ms	204 ms	375 ms	7.66%
YAHOO.widget.MenuItem	44	7.955 ms	3 ms	73 ms	350 ms	7.15%
YAHOO.widget.MenuItem.prototype.init	44	7.932 ms	3 ms	73 ms	349 ms	7.13%
YAHOO.util.Config.prototype.fireEvent	103	3.272 ms	0 ms	69 ms	337 ms	6.88%
YAHOO.widget.Menu.prototype.render	6	48.5 ms	17 ms	169 ms	291 ms	5.94%
YAHOO.util.Config.prototype.setProperty	990	0.231 ms	0 ms	69 ms	229 ms	4.68%
YAHOO.widget.MenuItem.prototype._initSubTree	44	4.955 ms	0 ms	70 ms	218 ms	4.45%
YAHOO.util.Dom.batch	724	0.296 ms	0 ms	7 ms	214 ms	4.37%
YAHOO.widget.Menu	1	213 ms	213 ms	213 ms	213 ms	4.35%
YAHOO.widget.MenuItem.prototype.configSubMenu	5	42.4 ms	24 ms	69 ms	212 ms	4.33%
YAHOO.widget.Menu.prototype._onParentMenuRender	5	25.4 ms	18 ms	48 ms	127 ms	2.59%
YAHOO.util.Config.prototype.fireQueue	50	2.52 ms	0 ms	52 ms	126 ms	2.57%
YAHOO.util.Dom.setXY	23	2.248 ms	1 ms	8 ms	77 ms	1.67%

Test before you write.

Note: This is the [YUI 3.x](#) site. Looking for the [YUI 2.x](#) site?

YUI 3: The Yahoo! User Interface (YUI) Library

YUI 3.X PROJECT

- [YUI 3 Home](#)
- [YUI 3 Examples](#)
- [YUI 3 API Docs](#)
- [YUI 3 Source Code](#)
- [YUI Dependency Configurator](#)
- [YUI 3 is BSD Licensed](#)

YUI 3 CORE

- [YUI \(Global Prerequisite\)](#)
- [Node](#)
- [Event](#)

YUI 3 COMPONENT INFRASTRUCTURE

- [Attribute](#)
- [Base](#)

YUI 3 UTILITIES

- [Animation](#)
- [Cookie](#)
- [Drag & Drop](#)
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- [Queue](#)

CSS

- [CSS Reset](#)
- [CSS Fonts](#)
- [CSS Grids](#)
- [CSS Base](#)

YUI 3.x Preview Release 1

The YUI team is pleased to announce YUI 3.0 Preview Release 1. This preview is an early look at what we're working on for the next generation of YUI Library. Please [review the API](#), play with [the examples](#), and read the documentation on this site for details; [download YUI 3.0 PR1](#) on the YUI project area on SourceForge; you can find us with questions or comments on the [YUI 3.x discussion group](#).

Please keep in mind that this is an early *preview*, not a production-quality (or even a beta) release. Things will change. Refactoring and optimization will continue. But we didn't want to wait to get feedback from the community.

This YUI 3.x is part of the broader [YUI Library](#) project, which is a coherent collection of JavaScript and CSS resources that make it easier to build richly interactive applications in web browsers. They have been released as open source under a [BSD license](#) and are free for all uses.

ON THIS PAGE

- [Getting Started](#)
- [Licensing](#)
- [Support & Community](#)
- [Filing Bugs & Feature Requests](#)

YUI DOCUMENTATION

- [API Docs](#)
- [Functional Examples](#)

YUI 3 CORE

- [YUI \(Global Prerequisite\)](#)
- [Node](#)
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YUI 3 UTILITIES

- [Animation](#)
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YUI 3 COMPONENT INFRASTRUCTURE

- [Attribute](#)
- [Base](#)

CSS RESOURCES

- [CSS Reset](#)
- [CSS Fonts](#)
- [CSS Grids](#)
- [CSS Base](#)

Yahoo! User Interface Blog

- [Reminder: YUI 3.x Meetup Tonight and Yahoo! Live Channel Info](#)
Eric Miraglia 09/03/08 14:04:16
- [Another YUI-based Game from Kris Cieslak: Pacman](#)
Eric Miraglia 09/02/08 11:45:50
- [Optimizing Yahoo! Search for the iPhone](#)
Ryan Grove 08/28/08 15:00:23
- [Open Hack Day 2008: You're Invited](#)
Eric Miraglia 08/28/08 12:39:06
- [YUI 3.x Meetups/Discussions Next Week at Yahoo: You're Invited](#)
Nate Koechley and Eric Miraglia 08/27/08 14:55:05
- [What's So Social about Sign-in?](#)
Christian Crumlish 08/26/08 14:51:12

YUI 3.x Forum on Yahoo! Groups

- [yui for iPhone?](#)
Andrew 09/22/08 10:25:03
- [CSS Foundation: File Upload](#)
diehardboss 09/19/08 07:36:06
- [Spec for creating plugins for yui3?](#)
Andrew 09/18/08 16:07:46
- [Re: how to get current element from a Y.each\(\)?](#)
Lucas Smith 09/16/08 08:48:04
- [how to get current element from a Y.each\(\)?](#)
Andrew 09/16/08 00:02:28
- [Some bug with "em" element styles \(and probably other elements too\).](#)
kamiltrebunia 09/13/08 04:12:27
- [Re: Basic Menu From JavaScript/Markup isn't working...](#)
mickael.menu 09/10/08 23:06:54

Exceptional Performance

Yahoo!'s Exceptional Performance team evangelizes best practices for improving web performance. They conduct research, build tools, write articles and blogs, and speak at conferences. Their best practices center around the rules for high performance web sites.

Best Practices

The Exceptional Performance team has identified a number of [best practices](#) for making web pages fast. The list includes 34 best practices divided into 7 categories.

Filter by category: [Content](#) | [Server](#) | [Cookie](#) | [CSS](#) | [Javascript](#) | [Images](#) | [Mobile](#) | [All](#)

YSlow for Firebug

YSlow analyzes web pages and tells you why they're slow based on the [best practices](#) for high performance web sites. YSlow is a [Firefox add-on](#) integrated with the popular [Firebug](#) web development tool. This tool has helped improve the performance on over 50 Yahoo! properties by 25-50%. We're pleased to be able to share this with the development community so that others can join us in accelerating the user experience on the web!

RECENT BLOG ARTICLES

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[YSlow 2.0 early preview in China](#)

Sun, 28 Dec 2008

[YUI Theater — Douglas Crockford: "Ajax Performance"](#)

Tue, 23 Dec 2008

[YUI Theater — Nicole Sullivan: "Design Fast Websites \(Don't Blame the Rounded Corners\)"](#)

Tue, 23 Dec 2008

[Image Optimization, Part 5: AlphalmageLoader](#)

Mon, 08 Dec 2008

[Image Optimization, Part 3: Four Steps to File Size Reduction](#)

Fri, 14 Nov 2008

<http://developer.yahoo.com/performance/>

icant.co.uk - everything Christian Heilmann



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About this and me



Hello, I am Christian Heilmann, a Developer Evangelist living and working in London, England.

Upcoming Events

Want to see me speak? Here's where I will be in the nearer future.

27/03/09 - Frankfurt, Germany - European Accessibility Forum

Inspect Clear Profile

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Grade Components Statistics Tools Rulesets Small Site or Blog Edit

Printable View Help

Grade A Overall performance score 96 Ruleset applied: Small Site or Blog URL: <http://icant.co.uk/>

[ALL \(14\)](#) FILTER BY: [CONTENT \(5\)](#) | [CSS \(5\)](#) | [IMAGES \(2\)](#) | [JAVASCRIPT \(3\)](#) | [SERVER \(1\)](#)

A Make fewer HTTP requests

B Compress components with gzip

A Put CSS at top

A Put JavaScript at bottom

A Avoid CSS expressions

D Reduce DNS lookups

A Minify JavaScript and CSS

A Avoid URL redirects

Grade A on Make fewer HTTP requests

This page has 3 external stylesheets. Try combining them into one.

Decreasing the number of components on a page reduces the number of HTTP requests required to render the page, resulting in faster page loads. Some ways to reduce the number of components include: combine files, combine multiple scripts into one script, combine multiple CSS files into one style sheet, and use CSS Sprites and image maps.

[»Read More](#)

<http://developer.yahoo.com/yslow/>

Thanks.

Any questions?

Christian Heilmann

<http://icant.co.uk>

<http://wait-till-i.com>

<http://scriptingenabled.org>

<http://twitter.com/codepo8>

