

## Recommended Doctype and Render Mode

YUI works in both "Quirks" and "Standards/Strict" browser-rendering modes, but we suggest using Standards mode by specifying this Doctype:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">
```

## YUI CSS Reset + YUI CSS Base

YUI CSS Reset neutralizes browser CSS styles for HTML elements, creating a normalized platform. YUI CSS Base then rebuilds a consistent style foundation for common HTML elements. YUI CSS Base is also useful as a snippets library, for instance to see how to put bullets back on ULs.

## YUI CSS Fonts: Setting Font Size and Family

**Font-size:** While still allowing users to zoom their font sizes, the YUI Fonts package renders all text at 13px by default. To preserve users' ability to zoom their fonts, specify other sizes using percentages only (see top chart in right column).

```
selector {font-size:123.1%;} /*16px*/
```

**Font-family:** The YUI Fonts package defines Arial as the default font and provides a degradation path through several alternate fonts down to the generic "sans-serif." When specifying other font families, provide your own degradation path as needed.

```
<style>selector {font-family: verdana, sans-serif;}</style>
```

## Base Page Format

We find it useful to build a page in three stacked horizontal regions:

```
<body>
  <div id="doc"><!--overall document wrapper-->
    <div id="hd"><!--header / masthead--></div>
    <div id="bd"><!--body--></div>
    <div id="ft"><!--footer--></div>
  </div>
</body>
```

Inside #bd, if two blocks (.yui-b) exist, designate a main block by wrapping it with <div id="yui-main">:

```
<div id="yui-main">
  <div class="yui-b"><!--primary--></div>
</div>
<div class="yui-b"><!--secondary--></div>
```

## YUI CSS Grids: Nomenclature

#doc = #doc1	Define the overall width of the page. <b>doc</b> 750px, <b>doc2</b> 950px, <b>doc3</b> 100%, <b>doc4</b> 974px.
.yui-t1 = .yui-t6	Six preset template for secondary column size & side. (see right column, bottom chart)
.yui-g	Basic grid (.yui-g) tells two units (.yui-g) to share.
.yui-gb = .yui-gl	Special grids (.yui-gb ... .yui-gl) are for three-unit and uneven two-unit space sharing. (see right column, middle chart)
.yui-u	A unit inside a grid; generic; obeys parent grid.
.first	Overload the class attribute with "first" to indicate first of a series of grids or units. (This facilitates floats and margins.)

## Customize Page Width

Pixels / 13 = width in ems. For IE, pixels / 13.333. Use star-property filter to target IE. For example, this sets 610px:

```
#custom-doc {
  width:46.923em; /* 610/13 */
  *width:45.750em; /* 610/13.333 */
}
```

## The Basic Grid Pattern

```
<div class="yui-g">
  <div class="yui-u first"></div>
  <div class="yui-u"></div>
</div>
```

## The Nested Grid Pattern

```
<div class="yui-g">
  <div class="yui-g first">
    <div class="yui-u first"></div>
    <div class="yui-u"></div>
  </div>
  <div class="yui-g">
    <div class="yui-u first"></div>
    <div class="yui-u"></div>
  </div>
</div>
```

## Fonts Sizing Chart

For this PX	Use this percentage:
10	77
11	85
12	93
13	100
14	108
15	116
16	123.1
17	131
18	139.5
19	146.5
20	153.9
21	161.6
22	167
23	174
24	182
25	189
26	197

## Grids: Nesting Grids

(yui-g' s)	
.yui-g	1/2, 1/2
.yui-gb	1/3, 1/3, 1/3
.yui-gc	2/3, 1/3
.yui-gd	1/3, 2/3
.yui-ge	3/4, 1/4
.yui-gf	1/4, 3/4

Other configurations, such as 1/4, 1/4, 1/4, 1/4 can be rendered by nesting yui-g's inside other "yui-g" grids.

## Grids: Templates

(yui-t' s)	
.yui-t1	160 on left
.yui-t2	160 on left
.yui-t3	300 on left
.yui-t4	160 on right
.yui-t5	240 on right
.yui-t6	300 on right