

YUI Library: CSS Reset, Base, Fonts, and Grids

2007-12-4

v2.4

Recommended Doctype and Render Mode

YUI works in both “Quirks” and “Standards” 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 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 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 alternates down to the generic family. Therefore, only specify a single font-family when you want a typeface other than Arial.

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

Base Page Format

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

```
<body>
<div id="doc"><!--doc, doc2, doc3, or doc4;
    controls overall pg width-->
    <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, mark one as primary by wrapping it in a container <div> with the ID yui-main:

```
<div id="bd">
    <div id="yui-main">
        <div class="yui-b"><!--prim. block--></div>
    </div>
    <div class="yui-b"><!--sec. block--></div>
</div>
```

YUI CSS Grids: Nomenclature

#doc – #doc4	Define the overall width of the page.
.yui-t1 – .yui-t7	Choose the secondary column's width and orientation with one of seven <i>templates</i> .
.yui-g	Standard <i>grids</i> (.yui-g) instruct child <i>units</i> to share available space evenly. Nest inside other <i>grids</i> for additional subdivision.
.yui-gb – .yui-gf	Five special <i>grids</i> (.yui-gbyui-gf.) are used when child <i>units</i> should occupy space unevenly and when dividing into three sections instead of the standard two. (See chart in right column.)
.yui-u	A <i>unit</i> inside a <i>grid</i> ; generic; obeys parent <i>grid</i> .
.first	Overload the class attribute with “first” to indicate first of a series of <i>grids</i> or <i>units</i> to facilitate use of floats and margins.

YUI CSS Grids: Page Widths

750px, 950px, and 974px centered, and 100%-fluid page widths:

```
<div id="doc"><-- 750 centered --></div>
<div id="doc2"><-- 950 centered --></div>
<div id="doc3"><-- 100% w/ 10px margin --></div>
<div id="doc4"><-- 974 centered --></div>
```

Customizing the Page Width: Divide your desired pixel width by 13 to find *em* width. Multiply that value by 0.9759 for IE via

**width*. For example, this is a 600px page-width:

```
#custom-doc {
margin:auto;text-align:left;
width:46.15em; /* !IE */
*width:45.04em; /* IE */
min-width:600px;}
```

Example: Nested 4-Column w/ “first” Identified

```
<div id="yui-main">
    <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>
</div>
```

Fonts Sizing Chart

For this PX	Use this percentage:
10	77
11	85
12	93 (was 92)
13	100
14	108 (was 107)
15	116 (was 114)
16	123.1 (was 122)
17	131 (was 129)
18	138.5 (was 136)
19	146.5 (was 144)
20	153.9 (was 152)
21	161.6 (was 159)
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	180 on left
.yui-t3	300 on left
.yui-t4	180 on right
.yui-t5	240 on right
.yui-t6	300 on right
.yui-t7	One full-width col.