

# YUI CSS Components

This pdf is come from 时光博客

Liupeng.us

Reset - A clean foundation

Fonts – typographical control

Grids – layout and page control

Base – basic helper/snippets lib

## Using YUI Grids

### 1. Control overall page width and centering

#### Part 1: Overall Page width

750px centered

950px centered

974px centered

100% fluid

#### First start with root node

```
<body>
```

```
  <div></div>
```

```
</body>
```

#### Available ID values

750px centered #doc

950px centered #doc2

974px centered #doc4

100% fluid #doc3

Locking the page width

Fluid by default:

```
#doc2{  
    Width:73.074em;*width:71.313em;  
}
```

Easy to lock with local

Override:

```
#doc2{  
    Width:950px;  
}
```

#doc can hold anything

```
<body>  
    <div id="doc">  
        <div id="hd"></div>  
        <div id="bd"></div>  
        <div id="ft"></div>  
    </div>  
</body>
```

Part 2: Six preset templates accommodate all IAB ad unit sizes and the vast majority of Y!

pages.

Template 1: 160px left

Template 2: 180px left

Template 3: 300px left

Template 4: 180px right

Template 5: 240px right

Template 6: 300px right

Two content blocks

```
<div id="doc">  
  <div class="yui-b"></div>  
  <div class="yui-b"></div>  
</div>
```

Now, identify the main block

```
<div id="doc">  
  <div id="yui-main">  
    <div class="yui-b"></div>  
  </div>  
  <div class="yui-b"></div>  
</div>
```

Now, choose a template class

Available Template Classes

Left 160px      .yui-t1

Left 180px      .yui-t2

Left 300px      .yui-t3

Right 180px     .yui-t4

Right 240px     .yui-t5

Right 300px     .yui-t6

Set the template at the root

```
<div id="doc" class="yui-t3">  
  <div id="yui-main">  
    <div class="yui-b"></div>  
  </div>  
  <div class="yui-b"></div>  
</div>
```

### Nested Grids

- Use nested grids when you need divisions of space beyond templates
- Nested grids are based on a simple markup microformat

### The basic microformat:

Grid holder:    .yui-g

Units:           .yui-u

Frist unit:      .first

```
<div class="yui-g">
```

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

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

```
</div>
```

Each unit takes up half (half of anything – doesn't care)

One more step: .first (Goes Left)

**What about Nest again for four columns:**

```
<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>
```

**What about three columns or uneven distributions:**

For three columns

```
.yui-gb    1/3—1/3—1/3
```

For uneven distributions

```
.yui-gc    2/3—1/3
```

`.yui-gd` 1/3—2/3

`.yui-ge` 3/4—1/4

`.yui-gf` 1/4—3/4

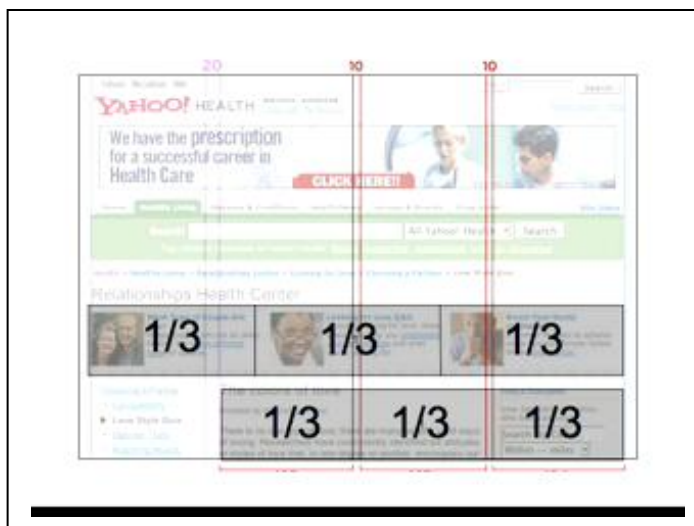
Uneven columns(For example 1/3 – 2/3 )

`div.yui-gd`

`div.yui-u .first /div`

`div.yui-u /div`

`/div`



Let's review

1. Page Width: `div#doc`
2. Templates: `.yui-t1`
3. Grids: `.yui-g` `.yui-u`
4. Fills any space
5. Nestable & stackable

## Using YUI Fonts

### 1、 mostly automatic

13px font size and 16 line height

### 2、 Reliably set font sizes

10px = 77%

11px = 85%

12px = 93%

13px = 100%

14px = 108%

15px = 116%

16px = 123.1%

### **Don't use pixels**

Pixel sizes break IE's ability to zoom fonts.

### 3、 Other niceties

Delivers OS-appropriate fonts

**Avoid using the font: shorthand because it is parsed inconsistently across browsers**

## Using YUI Reset

### 1、 Lowest-level piece of YUI CSS

### 2、 Creates a clean and sturdy foundation

### What does Reset do?

Sets margin and padding to zero

Sets borders to zero

Removes visual list style(ol, ul, dl)

Set fonts to 100% of base

Sets font-weight & font-style to normal etc..

## Using YUI Base

- 1、 Almost a “snippets” library
- 2、 Gives back what Reset removes
- 3、 Great for linear HTML content pages

## Calculating Ems

Pixel width/13px = “EM width” /\* non-IE \*/

“EM width” × 0.9759 = “IE’s em width”/\* IE \*/

```
#custom-doc{
```

```
Width:46.15em; /* non-IE */
```

```
*width:45.04em; /* IE */
```

```
}
```

## Customizing Templates

```
.yui-t2 .yui-b{float:left; width:13.8456em;*width:13.512em;}
```

```
.yui-t2 #yui-main .yui-b {margin-left:14.8456em; *margin-left:14.512em;}
```