

Converting Colors

YIQ(84.0910, 34.0170, 16.7770)

Have a look what the booklet for
YIQ(84.0910, 34.0170, 16.7770)
contains.

YIQ(84.0910, 34.0170, 16.7770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(84.0910, 34.0170,
16.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	7F404B
RGB	127, 64, 75
RGB Percent	50%, 25%, 29%
CMY	0.5018, 0.7491, 0.7058
CMYK	0.00, 0.50, 0.41, 0.50
HSL	349°, 33%, 37%
HSV	349°, 50%, 50%
XYZ	11.8614, 8.6873, 7.7141
YIQ	84.0910, 34.0170, 16.7770

Conversions

Conversions Part 2

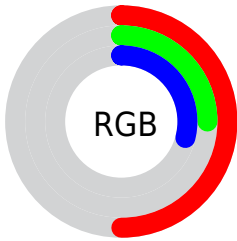
Format	Color
R_{YB}	127, 64, 75
Decimal	8339531
CIE _{Lab}	35.38, 28.42, 5.82
CIE _{LCh}	35, 29.008, 11.576
Yxy	8.6873, 0.4197, 0.3074
Android (android.graphics.Color)	4286529611 (0xFF7F404B)
YUV	84.0910, -4.4819, 37.6312
Hunter-Lab	29.4743, 20.2538, 5.1145

Details

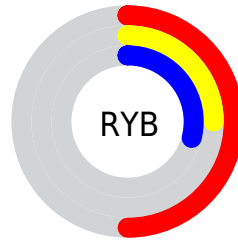
The YIQ color **84.0910, 34.0170, 16.7770** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **106.9090, -34.0170, -16.7770**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.8850, 37.5930, 18.0490**, and **35.9380, 30.0740, 16.6500** is the 20% darker color. If you saturate the color by 10%, you get **75.3200, 40.8020, 20.4660**, and if you desaturate by 10%, it is **92.9760, 26.9110, 13.3990**.

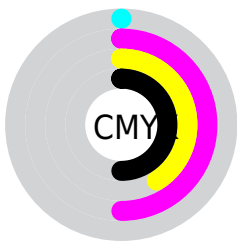
Distribution



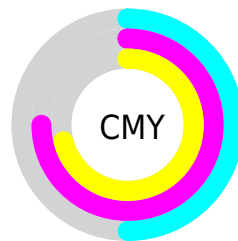
- Red (50%)
- Green (25%)
- Blue (29%)



- Red (50%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (41%)
- Black (50%)



- Cyan (50%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.0910, 34.0170, 16.7770 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 84.0910, 34.0170, 16.7770 by changing the saturation by 10% instead.

■ 84.0910, 34.0170,
16.7770

■ 84.0910, 34.0170,
16.7770

■ 255.0000, -0.0000,
-0.0000

■ 59.6070, 32.5040,
16.6640

■ 134.8850, 37.5930,
18.0490

■ 35.9380, 30.0740,
16.6500

■ 161.3690, 39.1060,
18.1620

■ 16.0470, 28.1490,
12.9890

■ 188.9670, 40.2980,
18.5860

■ 5.6810, 11.3240,
4.0280

■ 213.2650, 33.4670,
15.7310

■ 0.0000, 0.0000,
0.0000

■ 233.0070, 16.4580,
10.1060

■ 252.0650, 1.3750,

2.6150

■ 84.0910, 34.0170,
16.7770

■ 84.0910, 34.0170,
16.7770

■ 75.3200, 40.8020,
20.4660

■ 92.9760, 26.9110,
13.3990

■ 67.0220, 47.6330,
23.3210

■ 101.1600, 20.4010,
10.2330

■ 58.2510, 54.4180,
27.0100

■ 109.9310, 13.6160,
6.5440

■ 49.3660, 61.5240,
30.3880

■ 118.8160, 6.5100,
3.1660

■ 40.5950, 68.3090,
34.0770

■ 127.0000, -0.0000,
-0.0000

■ 40.4810, 68.6300,
33.7660

■ 135.8850, -7.1060,
-3.3780

■ 144.6560,
-13.8910, -7.0670

■ 153.5410,
-20.9970, -10.4450

■ 161.7250,
-27.5070, -13.6110

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4950, 21.3160, 21.1880



84.0910, 34.0170, 16.7770



83.4360, 36.9990, 6.7830

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0910, 34.0170, 16.7770



77.6120, -2.5640, -19.6200



67.3080, -65.5170, -7.5730

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84.0910, 34.0170, 16.7770



106.9090, -34.0170, -16.7770

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.0600, -62.1230, -14.0190



84.0910, 34.0170, 16.7770



71.6010, -30.3940, -21.8660

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0910, 34.0170, 16.7770



80.3110, 17.5170, -14.6030



66.2530, -55.6570, -21.0730



81.5520, -27.5570, 9.3310

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0910, 34.0170, 16.7770



82.7250, 34.3870, -0.9490



66.2530, -55.6570, -21.0730



67.4390, -64.5080, -9.3400

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84.0910, 34.0170, 16.7770



148.9310, 13.6160, 6.5440



86.4310, 10.1730, 30.4050



73.8270, 7.9770, 4.1130



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0910, 34.0170, 16.7770



97.9520, 53.8220, 26.7980



94.5770, 32.0480, 2.8960



59.2070, 3.8510, 1.7950



40.7800, 69.2260, 33.9780



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



84.0910, 34.0170, 16.7770



97.9520, 53.8220, 26.7980



96.4230, -32.0480, -2.8960



59.2070, 3.8510, 1.7950



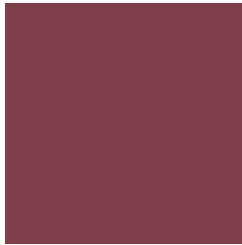
40.7800, 69.2260, 33.9780



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 84.0910, 34.0170, 16.7770 looks on a white background.

Color Contrast Check

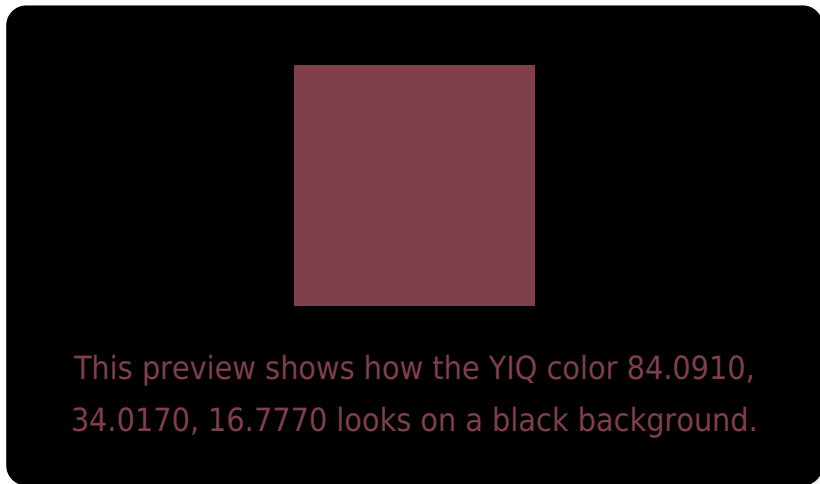
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

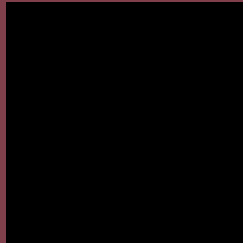
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 84.0910, 34.0170, 16.7770

Background



This preview shows how black text looks on a background with the YIQ color 84.0910, 34.0170, 16.7770.



This preview shows how white text looks on a background with the YIQ color 84.0910, 34.0170,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.0910, 34.0170, 16.7770

Protanopia

83.9400, 0.2290, 1.3570

Deuteranopia

84.4590, 11.8290, 0.3810



Tritanopia

84.1080, 35.3470, 14.6990

Trichromacy



Original Color

84.0910, 34.0170, 16.7770

Protanomaly

83.8600, 12.3780, 6.9540

Deuteranomaly

84.3400, 19.7140, 6.1620

Tritanomaly

84.3360, 34.7050, 15.3210

Monochromacy



Original Color

84.0910, 34.0170, 16.7770

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.3330, 12.4240, 6.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.0910, 34.0170, 16.7770 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 64, 75)` looks like.

```
.text, #text, p{  
    color:rgb(127, 64, 75)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 64, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 64, 75) }
```

Border

The CSS property to change the border of an element to YIQ 84.0910, 34.0170, 16.7770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 64, 75) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(127, 64, 75) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(127, 64, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 64, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 64, 75);  
box-shadow:4px 4px 4px 4px rgb(127, 64,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 84.0910, 34.0170, 16.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 64, 75) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127, 64,  
75) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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