

Converting Colors

YIQ(68.4040, 66.3880, 8.3080)

Have a look what the booklet for
YIQ(68.4040, 66.3880, 8.3080)
contains.

YIQ(68.4040, 66.3880, 8.3080)	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(68.4040, 66.3880,
8.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	892D09
RGB	137, 45, 9
RGB Percent	54%, 18%, 4%
CMY	0.4626, 0.8237, 0.9644
CMYK	0.00, 0.67, 0.93, 0.46
HSL	17°, 88%, 29%
HSV	17°, 93%, 54%
XYZ	11.3114, 7.2163, 1.0573
YIQ	68.4040, 66.3880, 8.3080

Conversions

Conversions Part 2

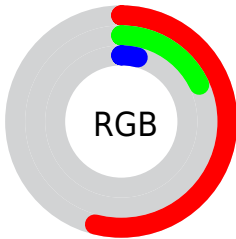
Format	Color
R_{YB}	137, 59, 9
Decimal	8989961
CIE Lab	32.29, 37.77, 40.60
CIE LCh	32, 55.453, 47.063
Yxy	7.2163, 0.5776, 0.3685
Android (android.graphics.Color)	4287180041 (0xFF892D09)
YUV	68.4040, -29.2862, 60.1587
Hunter-Lab	26.8632, 28.1510, 16.4707

Details

The YIQ color **68.4040, 66.3880, 8.3080** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **77.5960, -66.3880, -8.3080**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.0520, 73.3110, 9.4950**, and **23.6210, 47.0840, 16.7480** is the 20% darker color. If you saturate the color by 10%, you get **63.2690, 71.2020, 9.1700**, and if you desaturate by 10%, it is **75.8700, 59.1440, 7.4320**.

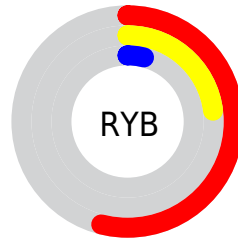
Distribution



Red (54%)

Green (18%)

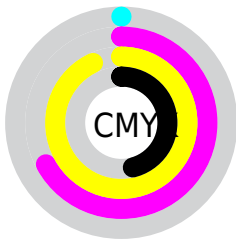
Blue (4%)



Red (54%)

Yellow (23%)

Blue (4%)

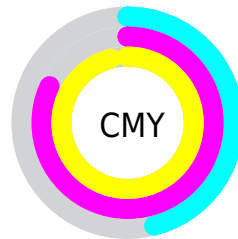


Cyan (0%)

Magenta (67%)

Yellow (93%)

Black (46%)



Cyan (46%)


Magenta (82%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 68.4040, 66.3880, 8.3080 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 68.4040, 66.3880, 8.3080 by changing the saturation by 10% instead.


 68.4040, 66.3880,
8.3080


 68.4040, 66.3880,
8.3080


 253.4040, 4.4940,
-4.3540


 42.8580, 59.4180,
13.4820


 121.0520, 73.3110,
9.4950


 23.6210, 47.0840,
16.7480

 148.3190, 76.9330,
9.9330


 15.9610, 31.2670,
11.5470

 175.0910, 77.5750,
9.3110

 3.5880, 7.1520,
2.5440

 193.9040, 61.8040,
3.2760

 0.0000, 0.0000,
0.0000

 213.3040, 45.7580,
-3.2820

 233.4050, 29.1160,

-10.0520

■ 250.0980, 13.8030,
-13.3730

■ 68.4040, 66.3880,
8.3080

■ 68.4040, 66.3880,
8.3080

■ 63.2690, 71.2020,
9.1700

■ 75.8700, 59.1440,
7.4320

■ 83.2220, 52.2210,
6.2450

■ 90.6880, 44.9770,
5.3690

■ 97.5670, 38.0080,
5.0160

■ 105.0330, 30.7640,
4.1400

■ 112.3850, 23.8410,
2.9530

■ 119.8510, 16.5970,
2.0770

■ 127.3170, 9.3530,
1.2010

■ 134.6690, 2.4300,
0.0140

Harmonies

Analogous

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



61.1700, 68.3080, 39.6040



68.4040, 66.3880, 8.3080



71.9200, 46.5390, -11.9330

Triad

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



68.4040, 66.3880, 8.3080



60.8610, -43.2300, -31.5340



61.2050, -71.7560, 11.8920

Complementary

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



68.4040, 66.3880, 8.3080



77.5960, -66.3880, -8.3080

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.



69.5370, -75.9270, 4.8810



68.4040, 66.3880, 8.3080



67.1650, -58.2250, -18.5850

Square

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



68.4040, 66.3880, 8.3080



53.1720, -25.7130, -46.1370



70.5510, -70.5150, -5.0990



76.8470, 6.3660, 38.8300

Rectangle

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



68.4040, 66.3880, 8.3080



71.2010, 29.2100, -22.7740



70.5510, -70.5150, -5.0990



64.4820, -74.0940, 10.2100

Sweetspot

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



68.4040, 66.3880, 8.3080



152.1680, 25.9500, 3.2780



57.9880, 46.1140, 56.3700



72.6660, 15.6800, 2.1760



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



68.4040, 66.3880, 8.3080



82.8710, 92.9340, 11.7980



104.7980, 49.3380, -24.1180



65.2670, 3.6220, 0.4380



61.4860, 69.0930, 8.8450



2.0820, 2.7050, 0.5370

Inverse Universe

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



77.5960, -66.3880, -8.3080



95.5420, -92.6590, -11.2750



41.2020, -49.3380, 24.1180



65.7330, -3.6220, -0.4380



70.9270, -68.8180, -8.3220



2.9180, -2.7050, -0.5370

Previews

White Background



This preview shows how the YIQ color 68.4040, 66.3880, 8.3080 looks on a white background.

Color Contrast Check

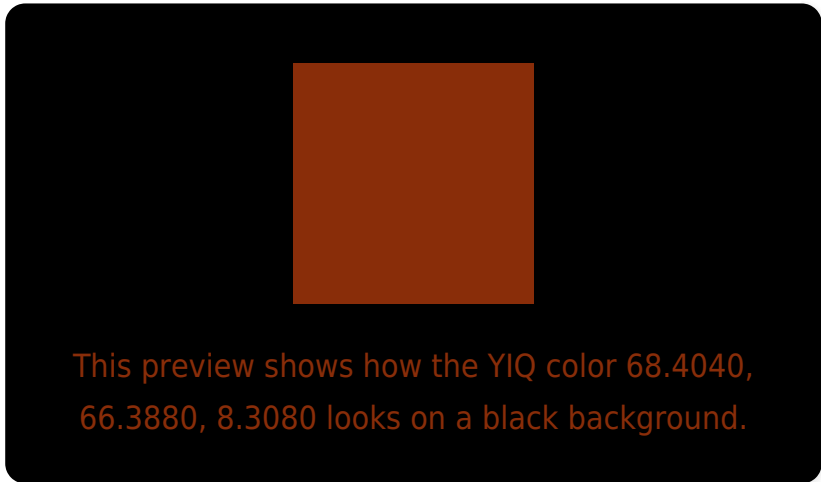
Large Text (above 18pt) WCAG AA ✓ Pass

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

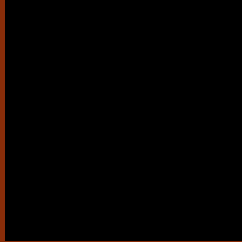
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.4040, 66.3880, 8.3080

Background



This preview shows how black text looks on a background with the YIQ color 68.4040, 66.3880, 8.3080.



This preview shows how white text looks on a background with the YIQ color 68.4040, 66.3880,

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

68.4040, 66.3880, 8.3080

Protanopia

73.2640, 24.8990, -16.2290

Deuteranopia

71.8540, 37.7370, -17.6150



Tritanopia

70.9320, 56.5740, 20.9740

Trichromacy



Original Color

68.4040, 66.3880, 8.3080

Protanomaly

71.2600, 39.8900, -7.0700

Deuteranomaly

70.8110, 48.4640, -8.2720

Tritanomaly

70.0370, 60.4720, 16.4080

Monochromacy



Original Color

68.4040, 66.3880, 8.3080

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

68.3850, 23.8410, 2.9530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.4040, 66.3880, 8.3080 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(137, 45, 9)` looks like.

```
.text, #text, p{  
    color:rgb(137, 45, 9)  
}
```

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(137, 45, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 45, 9) }
```

Border

The CSS property to change the border of an element to YIQ 68.4040, 66.3880, 8.3080 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(137, 45, 9) }
```


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

```
.border{ border-color:rgb(137, 45, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 45, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 45, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 45, 9);  
box-shadow:4px 4px 4px 4px rgb(137, 45, 9)  
}
```

Background

The CSS property to change the background color of an element to YIQ 68.4040, 66.3880, 8.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 45, 9) }
```

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

```
.background{ background-color: rgb(137, 45,  
9) }
```

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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