

Converting Colors

YIQ(65.4880, 57.5840, 13.6800)

Have a look what the booklet for
YIQ(65.4880, 57.5840, 13.6800)
contains.

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Color

**YIQ(65.4880, 57.5840,
13.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	812919
RGB	129, 41, 25
RGB Percent	51%, 16%, 10%
CMY	0.4939, 0.8393, 0.9017
CMYK	0.00, 0.68, 0.81, 0.49
HSL	9°, 67%, 30%
HSV	9°, 81%, 51%
XYZ	10.0288, 6.3249, 1.6154
YIQ	65.4880, 57.5840, 13.6800

Conversions

Conversions Part 2

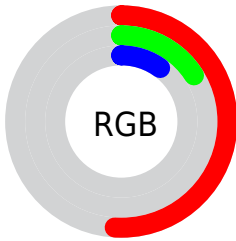
Format	Color
R_{YB}	129, 44, 25
Decimal	8464665
CIE _{Lab}	30.22, 37.05, 30.54
CIE _{LCh}	30, 48.019, 39.496
Yxy	6.3249, 0.5581, 0.3520
Android (android.graphics.Color)	4286654745 (0xFF812919)
YUV	65.4880, -19.9606, 55.7000
Hunter-Lab	25.1493, 27.1691, 13.7961

Details

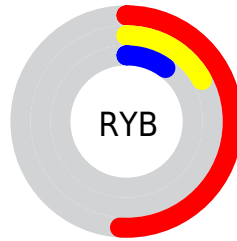
The YIQ color **65.4880, 57.5840, 13.6800** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **88.5120, -57.5840, -13.6800**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.4950, 64.8740, 13.7220**, and **21.5280, 42.9120, 15.2640** is the 20% darker color. If you saturate the color by 10%, you get **57.5490, 64.7820, 15.3900**, and if you desaturate by 10%, it is **73.4270, 50.3860, 11.9700**.

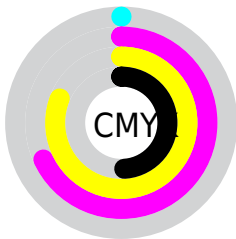
Distribution



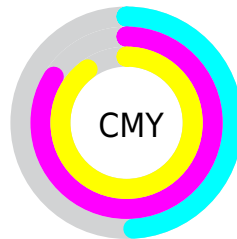
- Red (51%)
- Green (16%)
- Blue (10%)



- Red (51%)
- Yellow (17%)
- Blue (10%)



- Cyan (0%)
- Magenta (68%)
- Yellow (81%)
- Black (49%)



- Cyan (49%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.4880, 57.5840, 13.6800 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 65.4880, 57.5840, 13.6800 by changing the saturation by 10% instead.

■ 65.4880, 57.5840,
13.6800

■ 65.4880, 57.5840,
13.6800

255.0000, -0.0000,
-0.0000

■ 37.8300, 56.6210,
14.6130

■ 117.6090, 64.5530,
14.0330

■ 21.5280, 42.9120,
15.2640

■ 144.4630, 67.9000,
13.9480

■ 14.5800, 27.9660,
10.7980

■ 171.5450, 70.6050,
14.4850

■ 0.0000, 0.0000,
0.0000

■ 193.0380, 58.7310,
9.4110

■ 211.9650, 42.6390,
3.6870

■ 232.0660, 25.9970,

-3.0830

251.6940, 9.3090,
-9.0190

65.4880, 57.5840,
13.6800

65.4880, 57.5840,
13.6800

57.5490, 64.7820,
15.3900

73.4270, 50.3860,
11.9700

50.3110, 71.3840,
16.8880

81.3660, 43.1880,
10.2600

89.3050, 35.9900,
8.5500

97.2440, 28.7920,
6.8400

105.1830, 21.5940,
5.1300

■ 113.0080, 14.7170,
3.1090

■ 120.3600, 7.7940,
1.9220

■ 128.2990, 0.5960,
0.2120

■ 136.2380, -6.6020,
-1.4980

Harmonies

Analogous

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



62.8800, 54.3250, 34.2050



65.4880, 57.5840, 13.6800



67.5120, 47.8680, -8.4840

Triad

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



65.4880, 57.5840, 13.6800



55.3840, -37.4530, -31.6050



58.9080, -66.6660, 7.7500

Complementary

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



65.4880, 57.5840, 13.6800



88.5120, -57.5840, -13.6800

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.



64.2080, -67.8110, 0.9650



65.4880, 57.5840, 13.6800



61.0040, -50.5220, -20.5220

Square

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



65.4880, 57.5840, 13.6800



58.4140, -2.6070, -35.3670



64.5210, -61.8030, -8.8030



72.7050, -5.2780, 29.5860

Rectangle

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



65.4880, 57.5840, 13.6800



66.8150, 33.4730, -17.4310



64.5210, -61.8030, -8.8030



61.3700, -68.0870, 5.9690

Sweetspot

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



65.4880, 57.5840, 13.6800



143.4820, 22.1900, 5.3420



66.1280, 33.7360, 49.4160



68.9370, 13.4790, 3.5190



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.



65.4880, 57.5840, 13.6800



68.4120, 90.2730, 21.4810



96.0120, 43.2840, -13.5160



59.6800, 3.8970, 0.9610



50.0120, 70.7880, 16.6760



0.0000, 0.0000, 0.0000

Inverse Universe

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



88.5120, -57.5840, -13.6800



104.5880, -90.2730, -21.4810



57.9880, -43.2840, 13.5160



61.3200, -3.8970, -0.9610



77.9880, -70.7880, -16.6760



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 65.4880, 57.5840, 13.6800 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 65.4880, 57.5840, 13.6800

Background



This preview shows how black text looks on a background with the YIQ color 65.4880, 57.5840, 13.6800.



This preview shows how white text looks on a background with the YIQ color 65.4880, 57.5840,

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

65.4880, 57.5840, 13.6800

Protanopia

70.0600, 16.9660, -10.1220

Deuteranopia

69.6500, 29.8040, -11.5080



Tritanopia

66.4370, 53.5940, 19.9140

Trichromacy



Original Color

65.4880, 57.5840, 13.6800

Protanomaly

68.6430, 31.6820, -1.4860

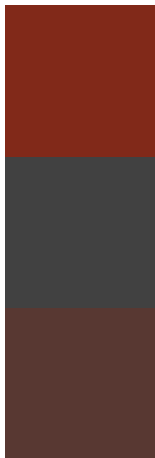
Deuteranomaly

68.3080, 39.9350, -2.3770

Tritanomaly

66.3400, 55.2450, 17.5250

Monochromacy



Original Color

65.4880, 57.5840, 13.6800

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.8840, 20.9980, 4.9180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.4880, 57.5840, 13.6800 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(129, 41, 25)` looks like.

```
.text, #text, p{  
    color:rgb(129, 41, 25)  
}
```

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(129, 41, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 41, 25) }
```

Border

The CSS property to change the border of an element to YIQ 65.4880, 57.5840, 13.6800 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(129, 41, 25) }
```


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

```
.border{ border-color:rgb(129, 41, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 41, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 41, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 41, 25);  
box-shadow:4px 4px 4px 4px rgb(129, 41,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 65.4880, 57.5840, 13.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 41, 25) }
```

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

```
.background{ background-color: rgb(129, 41,  
25) }
```

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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