

Converting Colors

YIQ(129.4880, 57.5840, 13.6800)

Have a look what the booklet for
YIQ(129.4880, 57.5840, 13.6800)
contains.

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Color

**YIQ(129.4880, 57.5840,
13.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	C16959
RGB	193, 105, 89
RGB Percent	76%, 41%, 35%
CMY	0.2429, 0.5884, 0.6507
CMYK	0.00, 0.46, 0.54, 0.24
HSL	9°, 46%, 55%
HSV	9°, 54%, 76%
XYZ	28.8588, 22.1621, 12.2214
YIQ	129.4880, 57.5840, 13.6800

Conversions

Conversions Part 2

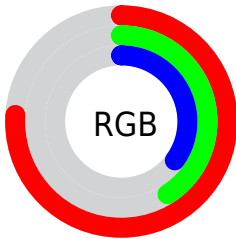
Format	Color
RYB	193, 108, 89
Decimal	12675417
CIELab	54.20, 33.48, 24.56
CIELCh	54, 41.520, 36.259
Yxy	22.1621, 0.4563, 0.3504
Android (android.graphics.Color)	4290865497 (0xFFC16959)
YUV	129.4880, -19.9606, 55.7000
Hunter-Lab	47.0766, 27.0399, 17.5615

Details

The YIQ color **129.4880, 57.5840, 13.6800** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **152.5120, -57.5840, -13.6800**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.2390, 62.7190, 14.2310**, and **77.5520, 51.5320, 13.2280** is the 20% darker color. If you saturate the color by 10%, you get **117.9300, 68.0830, 16.1390**, and if you desaturate by 10%, it is **141.0460, 47.0850, 11.2210**.

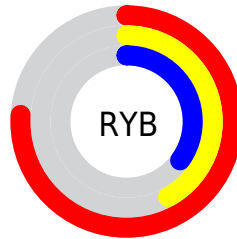
Distribution



Red (76%)

Green (41%)

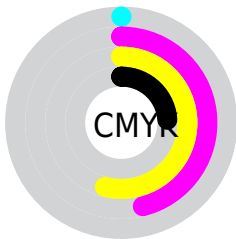
Blue (35%)



Red (76%)

Yellow (42%)

Blue (35%)

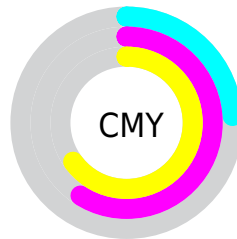


Cyan (0%)

Magenta (46%)

Yellow (54%)

Black (24%)



Cyan (24%)


Magenta (59%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.4880, 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 129.4880, 57.5840, 13.6800 by changing the saturation by 10% instead.


 129.4880, 57.5840,
13.6800


 129.4880, 57.5840,
13.6800


255.0000, -0.0000,
-0.0000


 103.5200, 54.5580,
13.4540


 184.2390, 62.7190,
14.2310


 77.5520, 51.5320,
13.2280


 203.7640, 47.8190,
8.9310


 52.6980, 48.1850,
13.3130


 223.2780, 31.4520,
2.6840

 25.6810, 46.8550,
15.3910

 243.4930, 14.4890,
-3.7750

 15.8470, 31.5880,
11.2360

 254.3160, 1.9260,
-1.8660

 5.6810, 11.3240,
4.0280

 0.0000, 0.0000,

0.0000

■ 129.4880, 57.5840,
13.6800

■ 129.4880, 57.5840,
13.6800

■ 117.9300, 68.0830,
16.1390

■ 141.0460, 47.0850,
11.2210

■ 105.6710, 79.1780,
18.8100

■ 153.3050, 35.9900,
8.5500

■ 94.1130, 89.6770,
21.2690

■ 164.8630, 25.4910,
6.0910

■ 82.5550, 100.1760,
23.7280

■ 176.4210, 14.9920,
3.6320

■ 75.3170, 106.7780,
25.2260

■ 188.6800, 3.8970,
0.9610

■ 200.2380, -6.6020,
-1.4980

■ 211.7960,
-17.1010, -3.9570

■ 224.0550,
-28.1960, -6.6280

■ 234.7010,
-36.1270, -11.5750

Harmonies

Analogous

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



130.7390, 50.1080, 28.0280



129.4880, 57.5840, 13.6800



128.0010, 50.9850, -4.3990

Triad

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



129.4880, 57.5840, 13.6800



113.4330, -39.1490, -33.9090



124.0300, -52.2700, 11.1700

Complementary

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



129.4880, 57.5840, 13.6800



152.5120, -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.



104.9970, -101.3700, -13.0980



129.4880, 57.5840, 13.6800



102.3800, -84.3560, -35.1080

Square

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



129.4880, 57.5840, 13.6800



121.8540, 2.2060, -28.9780



105.1960, -95.0410, -23.1770



132.5690, -7.8910, 27.3810

Rectangle

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



129.4880, 57.5840, 13.6800



126.6910, 39.7540, -15.6220



105.1960, -95.0410, -23.1770



117.4080, -71.2500, 2.7180

Sweetspot

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



129.4880, 57.5840, 13.6800



225.4820, 22.1900, 5.3420



130.1280, 33.7360, 49.4160



110.5240, 13.2040, 2.9960



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



129.4880, 57.5840, 13.6800



150.4120, 90.2730, 21.4810



160.0120, 43.2840, -13.5160



91.1640, 5.4100, 1.0740



62.8140, 89.0810, 21.0570



12.8020, 18.2930, 4.3810

Inverse Universe

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



152.5120, -57.5840, -13.6800



186.5880, -90.2730, -21.4810



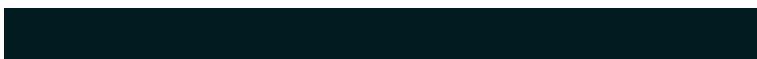
121.9880, -43.2840, 13.5160



92.8360, -5.4100, -1.0740



98.1860, -89.0810, -21.0570



20.1980, -18.2930, -4.3810

Previews

White Background



This preview shows how the YIQ color 129.4880, 57.5840, 13.6800 looks on a white background.

Color Contrast Check

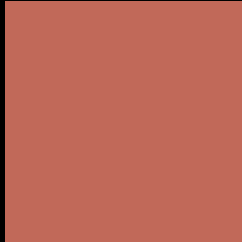
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 129.4880, 57.5840, 13.6800 looks on a black 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 × Fail

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

YIQ 129.4880, 57.5840, 13.6800

Background



This preview shows how black text looks on a background with the YIQ color 129.4880, 57.5840, 13.6800.



This preview shows how white text looks on a background with the YIQ color 129.4880, 57.5840,

13.6800.

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

129.4880, 57.5840, 13.6800

Protanopia

129.2710, 14.9940, -7.4220

Deuteranopia

129.1220, 31.5910, -5.3450



Tritanopia

130.3060, 52.5850, 21.6810

Trichromacy



Original Color

129.4880, 57.5840, 13.6800

Protanomaly

129.5120, 30.6730, 0.2810

Deuteranomaly

129.0140, 40.9430, 1.3830

Tritanomaly

130.0950, 54.5570, 18.9810

Monochromacy



Original Color

129.4880, 57.5840, 13.6800

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8840, 20.9980, 4.9180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.4880, 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(193, 105, 89)` looks like.

```
.text, #text, p{  
    color:rgb(193, 105, 89)  
}
```

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(193, 105, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 105, 89) }
```

Border

The CSS property to change the border of an element to YIQ 129.4880, 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(193, 105, 89) }
```


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

```
.border{ border-color:rgb(193, 105, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 105, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 105, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 105, 89);  
box-shadow:4px 4px 4px 4px rgb(193, 105,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 129.4880, 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(193, 105, 89) }
```

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

```
.background{ background-color: rgb(193,  
105, 89) }
```

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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