

Converting Colors

YIQ(133.5480, 48.1870, 2.2590)

Have a look what the booklet for
YIQ(133.5480, 48.1870, 2.2590)
contains.

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Color

**YIQ(133.5480, 48.1870,
2.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	B57754
RGB	181, 119, 84
RGB Percent	71%, 47%, 33%
CMY	0.2901, 0.5334, 0.6704
CMYK	0.00, 0.34, 0.54, 0.29
HSL	22°, 40%, 52%
HSV	22°, 54%, 71%
XYZ	27.2597, 23.6560, 11.5283
YIQ	133.5480, 48.1870, 2.2590

Conversions

Conversions Part 2

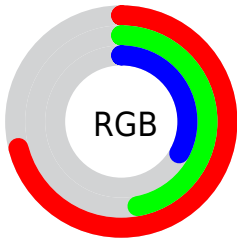
Format	Color
R_{YB}	181, 139, 84
Decimal	11892564
CIE _{Lab}	55.74, 20.50, 29.08
CIE _{LCh}	56, 35.578, 54.811
Yxy	23.6560, 0.4365, 0.3788
Android (android.graphics.Color)	4290082644 (0xFFB57754)
YUV	133.5480, -24.4272, 41.6154
Hunter-Lab	48.6375, 14.9279, 19.9930

Details

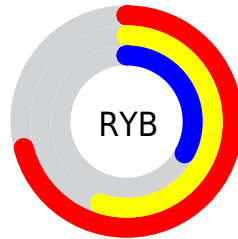
The YIQ color **133.5480, 48.1870, 2.2590** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **131.4520, -48.1870, -2.2590**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.7010, 52.1300, 2.3860**, and **82.7970, 43.0520, 1.7080** is the 20% darker color. If you saturate the color by 10%, you get **124.4520, 57.2650, 2.9370**, and if you desaturate by 10%, it is **142.6440, 39.1090, 1.5810**.

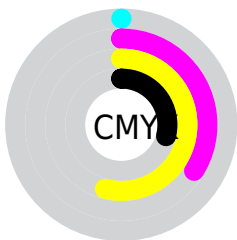
Distribution



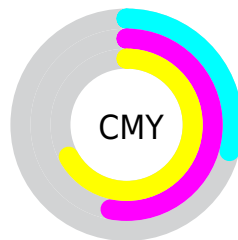
- Red (71%)
- Green (47%)
- Blue (33%)



- Red (71%)
- Yellow (55%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (54%)
- Black (29%)





- Cyan (29%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.5480, 48.1870, 2.2590 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 133.5480, 48.1870, 2.2590 by changing the saturation by 10% instead.


 133.5480, 48.1870,
2.2590


 133.5480, 48.1870,
2.2590


255.0000, -0.0000,
-0.0000


 107.7650, 46.0780,
1.9340


 187.7010, 52.1300,
2.3860

 82.7970, 43.0520,
1.7080


 211.4120, 45.5740,
0.0540

 58.7150, 40.3470,
1.1710


 230.9260, 29.2070,
-6.1930

 36.2030, 36.0370,
2.1890

 250.5540, 12.5190,
-12.1290

 15.5150, 26.5910,
8.1830

 253.7460, 3.5310,
-3.4210

 1.7940, 3.5760,
1.2720

 0.0000, 0.0000,

0.0000

■ 133.5480, 48.1870,
2.2590

■ 133.5480, 48.1870,
2.2590

■ 124.4520, 57.2650,
2.9370

■ 142.6440, 39.1090,
1.5810

■ 115.9430, 66.0680,
3.0920

■ 151.1530, 30.3060,
1.4260

■ 106.8470, 75.1460,
3.7700

■ 160.2490, 21.2280,
0.7480

■ 98.3380, 83.9490,
3.9250

■ 168.7580, 12.4250,
0.5930

■ 92.2740, 90.0010,
4.3770

■ 177.9680, 3.0260,
0.2260

■ 186.4770, -5.7770,
0.0710

■ 195.5730,
-14.8550, -0.6070

■ 204.6690,
-23.9330, -1.2850

■ 213.1780,
-32.7360, -1.4400

Harmonies

Analogous

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



135.2900, 49.5140, 16.7620



133.5480, 48.1870, 2.2590



131.6460, 35.6270, -12.4130

Triad

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



133.5480, 48.1870, 2.2590



114.4990, -56.7100, -29.5260



135.3670, -19.3060, 19.4940

Complementary

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



133.5480, 48.1870, 2.2590



131.4520, -48.1870, -2.2590

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.



125.3620, -56.4410, 4.1590



133.5480, 48.1870, 2.2590



105.4750, -91.6930, -28.7890

Square

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



133.5480, 48.1870, 2.2590



123.9690, -17.0510, -26.8990



106.5640, -98.8930, -19.4450



137.4050, 13.0620, 27.6060

Rectangle

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



133.5480, 48.1870, 2.2590



129.8890, 21.4610, -20.0030



106.5640, -98.8930, -19.4450



132.3870, -31.2260, 15.2540

Sweetspot

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



133.5480, 48.1870, 2.2590



216.5800, 18.7980, 0.7340



120.1850, 37.5890, 40.1570



106.2740, 10.9120, 0.4800



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



133.5480, 48.1870, 2.2590



161.4340, 74.8710, 3.2470



161.1370, 35.2620, -22.3220



85.0390, 4.2640, -0.1840



78.0320, 76.0630, 3.6710



13.0570, 13.0210, 0.8050

Inverse Universe

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



131.4520, -48.1870, -2.2590



158.1530, -75.1460, -3.7700



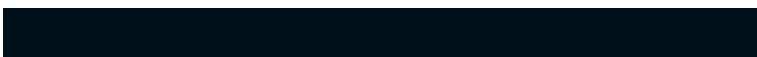
103.8630, -35.2620, 22.3220



84.5480, -4.5390, -0.3390



74.9680, -76.0630, -3.6710



12.3560, -12.7460, -0.2820

Previews

White Background



This preview shows how the YIQ color 133.5480, 48.1870, 2.2590 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 133.5480, 48.1870, 2.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

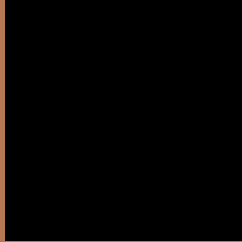
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.5480, 48.1870, 2.2590

Background



This preview shows how black text looks on a background with the YIQ color 133.5480, 48.1870, 2.2590.



This preview shows how white text looks on a background with the YIQ color 133.5480, 48.1870,

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

133.5480, 48.1870, 2.2590

Protanopia

132.2730, 20.6800, -11.3520

Deuteranopia

132.9220, 35.0300, -7.0980



Tritanopia

135.9560, 38.8310, 17.6390

Trichromacy



Original Color

133.5480, 48.1870, 2.2590

Protanomaly

132.9970, 30.4450, -6.6030

Deuteranomaly

133.3680, 39.7060, -3.7340

Tritanomaly

135.2350, 42.1790, 12.0270

Monochromacy



Original Color

133.5480, 48.1870, 2.2590

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0960, 17.2850, 0.6210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.5480, 48.1870, 2.2590 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(181, 119, 84)` looks like.

```
.text, #text, p{  
    color:rgb(181, 119, 84)  
}
```

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(181, 119, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 119, 84) }
```

Border

The CSS property to change the border of an element to YIQ 133.5480, 48.1870, 2.2590 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(181, 119, 84) }
```


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

```
.border{ border-color:rgb(181, 119, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 119, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 119, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 119, 84);  
box-shadow:4px 4px 4px 4px rgb(181, 119,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 133.5480, 48.1870, 2.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 119, 84) }
```

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

```
.background{ background-color: rgb(181,  
119, 84) }
```

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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