

Converting Colors

YIQ(177.3680, 48.8740, 6.3300)

Have a look what the booklet for
YIQ(177.3680, 48.8740, 6.3300)
contains.

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Color

**YIQ(177.3680, 48.8740,
6.3300)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A086
RGB	228, 160, 134
RGB Percent	89%, 63%, 53%
CMY	0.1057, 0.3726, 0.4743
CMYK	0.00, 0.30, 0.41, 0.11
HSL	17°, 64%, 71%
HSV	17°, 41%, 89%
XYZ	48.8794, 43.3545, 28.3663
YIQ	177.3680, 48.8740, 6.3300

Conversions

Conversions Part 2

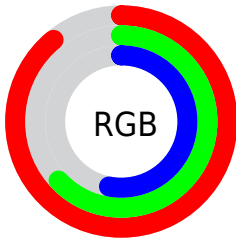
Format	Color
R _Y B	228, 170, 134
Decimal	14983302
CIE Lab	71.79, 22.16, 23.64
CIE LCh	72, 32.401, 46.842
Yxy	43.3545, 0.4053, 0.3595
Android (android.graphics.Color)	4293173382 (0xFFE4A086)
YUV	177.3680, -21.3804, 44.4043
Hunter-Lab	65.8441, 17.2823, 20.5482

Details

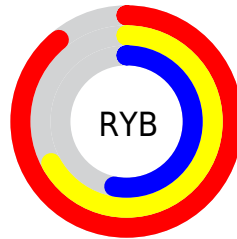
The YIQ color **177.3680, 48.8740, 6.3300** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **184.6320, -48.8740, -6.3300**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.7680, 32.8280, -0.2280**, and **123.8020, 44.6560, 5.6800** is the 20% darker color. If you saturate the color by 10%, you get **164.7670, 60.9320, 8.0680**, and if you desaturate by 10%, it is **189.3820, 37.0910, 5.1150**.

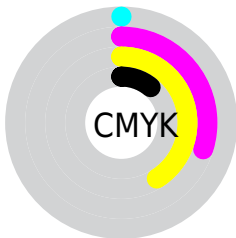
Distribution



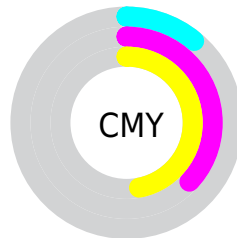
- Red (89%)
- Green (63%)
- Blue (53%)



- Red (89%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (41%)
- Black (11%)




- Cyan (11%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 177.3680, 48.8740, 6.3300 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 177.3680, 48.8740, 6.3300 by changing the saturation by 10% instead.


 177.3680, 48.8740,
6.3300


 177.3680, 48.8740,
6.3300


255.0000, -0.0000,
-0.0000

 150.5850, 46.7650,
6.0050


 223.7680, 32.8280,
-0.2280


 123.8020, 44.6560,
5.6800


 243.9830, 15.8650,
-6.6870

 98.1330, 42.2260,
5.6660

 253.7460, 3.5310,
-3.4210

 74.0510, 39.5210,
5.1290

 50.0830, 36.4950,
4.9030

 27.6420, 33.4230,
5.5110

 11.6610, 23.2440,

8.2680

■ 0.0000, 0.0000,
0.0000

■ 177.3680, 48.8740,
6.3300

■ 177.3680, 48.8740,
6.3300

■ 164.7670, 60.9320,
8.0680

■ 189.3820, 37.0910,
5.1150

■ 152.7530, 72.7150,
9.2830

■ 201.9830, 25.0330,
3.3770

■ 140.2660, 84.4520,
11.3320

■ 214.4700, 13.2960,
1.3280

■ 128.2520, 96.2350,
12.5470

■ 226.4840, 1.5130,
0.1130

■ 115.6510,
108.2930, 14.2850

■ 239.0850,
-10.5450, -1.6250

105.1530,
118.5630, 15.3870

246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



178.9030, 46.3500, 19.0380



177.3680, 48.8740, 6.3300



175.5480, 39.0190, -7.8050

Triad

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



177.3680, 48.8740, 6.3300



163.6600, -38.0500, -26.2900



176.4370, -25.4950, 16.0170

Complementary

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



177.3680, 48.8740, 6.3300



184.6320, -48.8740, -6.3300

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.



168.9660, -55.3860, 1.5580



177.3680, 48.8740, 6.3300



159.1100, -65.5600, -23.3200

Square

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



177.3680, 48.8740, 6.3300



168.8130, -7.7440, -24.8640



160.3130, -73.0810, -13.6650



180.2190, 4.7180, 24.6380

Rectangle

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



177.3680, 48.8740, 6.3300



173.4600, 27.2830, -15.3810



160.3130, -73.0810, -13.6650



173.9410, -35.9020, 11.8900

Sweetspot

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



177.3680, 48.8740, 6.3300



238.5520, 16.0010, 1.8650



169.9720, 33.8750, 41.3870



118.3170, 9.3530, 1.2010



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



177.3680, 48.8740, 6.3300



187.9200, 64.8750, 8.1950



204.3700, 36.2240, -17.7280



108.3490, 6.3270, 0.9750



82.2840, 93.2090, 12.3210



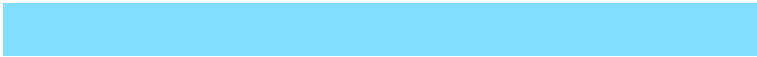
23.4670, 26.5460, 3.4900

Inverse Universe

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



184.6320, -48.8740, -6.3300



197.6670, -65.1500, -8.7180



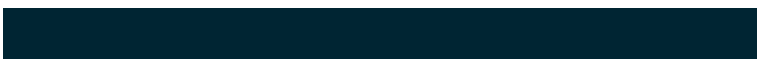
157.6300, -36.2240, 17.7280



109.6510, -6.3270, -0.9750



96.1290, -92.9340, -11.7980



27.5330, -26.5460, -3.4900

Previews

White Background



This preview shows how the YIQ color 177.3680, 48.8740, 6.3300 looks on a white background.

Color Contrast Check

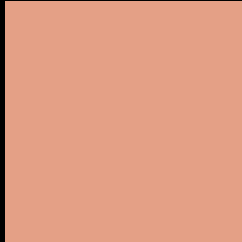
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 177.3680, 48.8740, 6.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

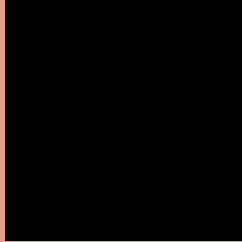
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.3680, 48.8740, 6.3300

Background



This preview shows how black text looks on a background with the YIQ color 177.3680, 48.8740, 6.3300.



This preview shows how white text looks on a background with the YIQ color 177.3680, 48.8740,

6.3300.

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

177.3680, 48.8740, 6.3300

Protanopia

175.2990, 17.7910, -8.5530

Deuteranopia

176.4430, 35.1210, -3.2390



Tritanopia

179.0920, 41.4440, 19.8440

Trichromacy



Original Color

177.3680, 48.8740, 6.3300

Protanomaly

175.9200, 29.3440, -3.1680

Deuteranomaly

176.8890, 39.7970, 0.1250

Tritanomaly

178.5990, 44.1500, 14.8540

Monochromacy



Original Color

177.3680, 48.8740, 6.3300

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.3350, 18.1100, 2.1900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.3680, 48.8740, 6.3300 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(228, 160, 134)` looks like.

```
.text, #text, p{  
    color:rgb(228, 160, 134)  
}
```

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(228, 160, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 160, 134) }
```

Border

The CSS property to change the border of an element to YIQ 177.3680, 48.8740, 6.3300 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(228, 160, 134) }
```


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

```
.border{ border-color:rgb(228, 160, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 160, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 160, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 160, 134);  
box-shadow:4px 4px 4px 4px rgb(228, 160,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 177.3680, 48.8740, 6.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 160, 134) }
```

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

```
.background{ background-color: rgb(228,  
160, 134) }
```

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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