

# Converting Colors

YIQ(183.6000, 50.4360,  
-10.9720)

Have a look what the booklet for  
YIQ(183.6000, 50.4360, -10.9720)  
contains.

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# Color

**YIQ(183.6000, 50.4360,  
-10.9720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B16D
RGB	225, 177, 109
RGB Percent	88%, 69%, 43%
CMY	0.1176, 0.3059, 0.5723
CMYK	0.00, 0.21, 0.52, 0.12
HSL	35°, 66%, 66%
HSV	35°, 52%, 88%
XYZ	49.5390, 48.5523, 21.2467
YIQ	183.6000, 50.4360, -10.9720

# Conversions

## Conversions Part 2

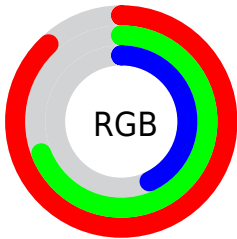
Format	Color
<a href="#">RYB</a>	<a href="#">191, 225, 109</a>
Decimal	<a href="#">14791021</a>
CIELab	<a href="#">75.17, 9.40, 41.19</a>
CIElCh	<a href="#">75, 42.248, 77.144</a>
Yxy	<a href="#">48.5523, 0.4151, 0.4068</a>
Android (android.graphics.Color)	<a href="#">4292981101 (0xFFE1B16D)</a>
YUV	<a href="#">183.6000, -36.7778, 36.3078</a>
Hunter-Lab	<a href="#">69.6794, 4.9665, 30.6968</a>

# Details

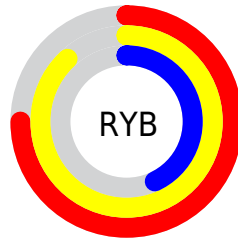
The YIQ color **183.6000, 50.4360, -10.9720** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **150.4000, -50.4360, 10.9720**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **231.4840, 35.9030, -17.4170**, and **130.0340, 46.2180, -11.6220** is the 20% darker color. If you saturate the color by 10%, you get **175.8090, 59.9730, -13.1070**, and if you desaturate by 10%, it is **191.5050, 40.5780, -8.5260**.

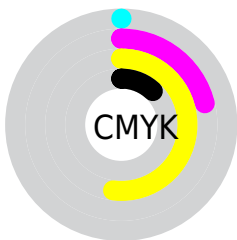
# Distribution



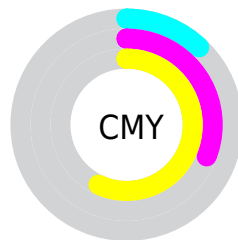
- Red (88%)
- Green (69%)
- Blue (43%)



- Red (75%)
- Yellow (88%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (52%)
- Black (12%)



- Cyan (12%)
- Magenta (31%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 183.6000, 50.4360, -10.9720 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 183.6000, 50.4360, -10.9720 by changing the saturation by 10% instead.



183.6000, 50.4360,  
-10.9720

183.6000, 50.4360,  
-10.9720

255.0000, -0.0000,  
-0.0000

156.2300, 48.6020,  
-10.7740

231.4840, 35.9030,  
-17.4170

130.0340, 46.2180,  
-11.6220

247.4760, 21.1860,  
-20.5260

104.2510, 44.1090,  
-11.9470

250.6680, 12.1980,  
-11.8180

79.1260, 42.9630,  
-13.2050

253.9740, 2.8890,  
-2.7990

56.5260, 36.0850,  
-9.6990

36.4250, 26.3640,  
-4.2280

16.6230, 17.2390,

1.4550

■ 0.0000, 0.0000,  
0.0000

■ 183.6000, 50.4360,  
-10.9720

■ 183.6000, 50.4360,  
-10.9720

■ 175.8090, 59.9730,  
-13.1070

■ 191.5050, 40.5780,  
-8.5260

■ 167.3170, 70.1060,  
-15.0300

■ 199.8830, 30.7660,  
-6.9140

■ 159.5260, 79.6430,  
-17.1650

■ 207.7880, 20.9080,  
-4.4680

■ 151.6210, 89.5010,  
-19.6110

■ 215.5790, 11.3710,  
-2.3330

■ 144.7590, 97.8000,  
-21.3360

■ 224.0710, 1.2380,  
-0.4100

■ 231.8620, -8.2990,  
1.7250

■ 238.3990,  
-14.3050, 0.4390

■ 244.2690,  
-17.0550, -4.7910

■ 246.0300,  
-17.8800, -6.3600

# Harmonies

## Analogous

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



186.1370, 62.7660, 7.8700



183.6000, 50.4360, -10.9720



180.1680, 24.8090, -25.6150

# Triad

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



183.6000, 50.4360, -10.9720



147.2110, -117.7330, -41.4530



190.0440, 7.0090, 32.6810

# Complementary

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



183.6000, 50.4360, -10.9720



150.4000, -50.4360, 10.9720

# 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.



184.3530, -33.8860, 19.4100



183.6000, 50.4360, -10.9720



146.0480, -132.9110, -30.6950

# Square

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



183.6000, 50.4360, -10.9720



166.7670, -54.8290, -36.0850



171.3530, -78.5850, -2.0170



189.5780, 40.6160, 34.8560



# Rectangle

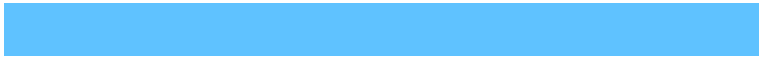
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



183.6000, 50.4360, -10.9720



177.0880, 1.4270, -31.3810



171.3530, -78.5850, -2.0170



189.5200, -6.1950, 29.6850

# Sweetspot

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



183.6000, 50.4360, -10.9720



241.2760, 16.5980, -3.4500



149.1560, 53.7280, 39.5200



119.5080, 10.1330, -1.9230



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.



183.6000, 50.4360, -10.9720



198.8330, 68.5930, -15.1430



208.7860, 31.2760, -38.1960



108.3980, 4.6310, -1.3290



113.0850, 76.5710, -16.5570



30.7880, 20.9080, -4.4680

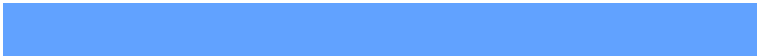


# Inverse Universe

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



150.4000, -50.4360, 10.9720



153.1670, -68.5930, 15.1430



125.2140, -31.2760, 38.1960



105.1890, -4.9060, 0.8060



62.9150, -76.5710, 16.5570



17.2120, -20.9080, 4.4680



# Previews

## White Background



This preview shows how the YIQ color 183.6000, 50.4360, -10.9720 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 183.6000, 50.4360, -10.9720 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 183.6000, 50.4360, -10.9720

## Background



This preview shows how black text looks on a background with the YIQ color 183.6000, 50.4360, -10.9720.



This preview shows how white text looks on a background with the YIQ color 183.6000, 50.4360,

-10.9720.

# 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

183.6000, 50.4360, -10.9720

### Protanopia

182.0600, 34.1610, -18.8870

### Deuteranopia

183.6000, 50.4360, -10.9720



## Tritanopia

188.3190, 33.3750, 17.3990

# Trichromacy



## Original Color

183.6000, 50.4360, -10.9720

## Protanomaly

182.5770, 40.0750, -15.9330

## Deuteranomaly

183.6000, 50.4360, -10.9720

## Tritanomaly

186.5180, 39.7040, 7.3200

# Monochromacy



## Original Color

183.6000, 50.4360, -10.9720

## Achromatopsia

184.0000, 0.0000, -0.0000

## Achromatomaly

183.6460, 18.4320, -3.6480

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 183.6000, 50.4360, -10.9720 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(225, 177, 109)` looks like.

```
.text, #text, p{  
    color:rgb(225, 177, 109)  
}
```

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(225, 177, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 177, 109) }
```

## Border

The CSS property to change the border of an element to YIQ 183.6000, 50.4360, -10.9720 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(225, 177, 109) }
```



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

```
.border{ border-color:rgb(225, 177, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 177, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 177, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 177, 109);  
box-shadow:4px 4px 4px 4px rgb(225, 177,  
109) }
```

# Background

The CSS property to change the background color of an element to YIQ 183.6000, 50.4360, -10.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 177, 109) }
```

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

```
.background{ background-color: rgb(225,  
177, 109) }
```

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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