

Converting Colors

YIQ(184.8330, 51.3980, -6.3780)

Have a look what the booklet for
YIQ(184.8330, 51.3980, -6.3780)
contains.

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Color

**YIQ(184.8330, 51.3980,
-6.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	E6AF75
RGB	230, 175, 117
RGB Percent	90%, 69%, 46%
CMY	0.0979, 0.3138, 0.5409
CMYK	0.00, 0.24, 0.49, 0.10
HSL	31°, 69%, 68%
HSV	31°, 49%, 90%
XYZ	51.1809, 48.7637, 23.5640
YIQ	184.8330, 51.3980, -6.3780

Conversions

Conversions Part 2

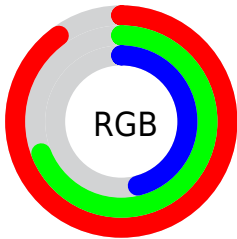
Format	Color
R_{YB}	224, 230, 117
Decimal	15118197
CIE _{Lab}	75.30, 13.23, 37.34
CIE _{LCh}	75, 39.618, 70.495
Yxy	48.7637, 0.4144, 0.3948
Android (android.graphics.Color)	4293308277 (0xFFE6AF75)
YUV	184.8330, -33.4417, 39.6115
Hunter-Lab	69.8310, 8.6229, 28.8747

Details

The YIQ color **184.8330, 51.3980, -6.3780** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **162.1670, -51.3980, 6.3780**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.2220, 33.8850, -13.8830**, and **131.2670, 47.1800, -7.0280** is the 20% darker color. If you saturate the color by 10%, you get **175.7540, 61.8060, -7.7780**, and if you desaturate by 10%, it is **193.9120, 40.9900, -4.9780**.

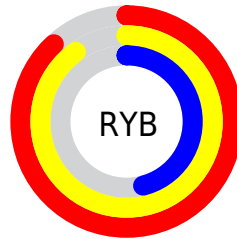
Distribution



Red (90%)

Green (69%)

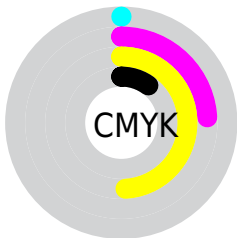
Blue (46%)



Red (88%)

Yellow (90%)

Blue (46%)

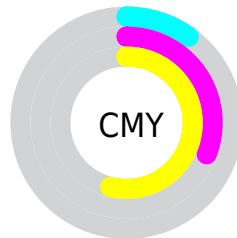


Cyan (0%)

Magenta (24%)

Yellow (49%)

Black (10%)



Cyan (10%)


Magenta (31%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 184.8330, 51.3980, -6.3780 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 184.8330, 51.3980, -6.3780 by changing the saturation by 10% instead.


 184.8330, 51.3980,
-6.3780


 184.8330, 51.3980,
-6.3780


255.0000, -0.0000,
-0.0000

 157.4630, 49.5640,
-6.1800


 231.2220, 33.8850,
-13.8830


 131.2670, 47.1800,
-7.0280


 248.3880, 18.6180,
-18.0380

 105.5980, 44.7500,
-7.0420

 251.6940, 9.3090,
-9.0190

 80.4020, 42.3660,
-7.8900

 56.5480, 39.0190,
-7.8050

 36.4470, 29.2980,
-2.3340

 16.0580, 20.4480,

3.8720

■ 0.0000, 0.0000,
0.0000

■ 184.8330, 51.3980,
-6.3780

■ 184.8330, 51.3980,
-6.3780

■ 175.7540, 61.8060,
-7.7780

■ 193.9120, 40.9900,
-4.9780

■ 166.6750, 72.2140,
-9.1780

■ 202.9910, 30.5820,
-3.5780

■ 157.0090, 82.8970,
-10.0550

■ 212.6570, 19.8990,
-2.7010

■ 147.9300, 93.3050,
-11.4550

■ 221.7360, 9.4910,
-1.3010

■ 138.8510,
103.7130, -12.8550

■ 230.8150, -0.9170,
0.0990

■ 138.0360,
104.6300, -12.9540

■ 239.8940,
-11.3250, 1.4990

■ 246.3510,
-14.3500, -4.2540

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



186.9890, 60.4270, 11.7150



184.8330, 51.3980, -6.3780



181.5540, 29.7140, -20.8940

Triad

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



184.8330, 51.3980, -6.3780



161.0320, -83.2560, -33.0160



189.4450, -1.6100, 29.1900

Complementary

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



184.8330, 51.3980, -6.3780



162.1670, -51.3980, 6.3780

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.



183.7110, -40.9460, 15.1980



184.8330, 51.3980, -6.3780



155.7750, -110.0330, -26.8090

Square

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



184.8330, 51.3980, -6.3780



170.8890, -40.4330, -32.6650



171.2170, -81.1980, -4.2220



190.3320, 32.5010, 33.2450

Rectangle

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



184.8330, 51.3980, -6.3780



178.8010, 9.7250, -27.5790



171.2170, -81.1980, -4.2220



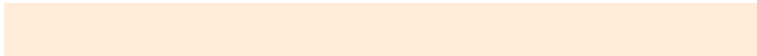
188.3940, -14.7680, 25.3600

Sweetspot

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



184.8330, 51.3980, -6.3780



239.5150, 17.4230, -1.8810



157.2850, 49.0510, 41.6830



118.3340, 10.6830, -0.8770



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.



184.8330, 51.3980, -6.3780



195.0490, 68.2250, -8.4710



217.1180, 36.2730, -35.1430



110.1100, 5.5020, -0.5940



107.5250, 81.3840, -10.1680



30.5110, 23.2460, -2.7860

Inverse Universe

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



162.1670, -51.3980, 6.3780



164.9510, -68.2250, 8.4710



129.8820, -36.2730, 35.1430



107.8900, -5.5020, 0.5940



71.4750, -81.3840, 10.1680



20.4890, -23.2460, 2.7860

Previews

White Background



This preview shows how the YIQ color 184.8330, 51.3980, -6.3780 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 184.8330, 51.3980, -6.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

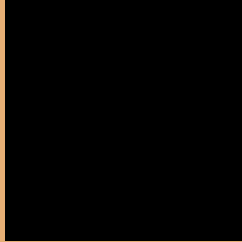
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.8330, 51.3980, -6.3780

Background



This preview shows how black text looks on a background with the YIQ color 184.8330, 51.3980, -6.3780.



This preview shows how white text looks on a background with the YIQ color 184.8330, 51.3980,

-6.3780.

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

184.8330, 51.3980, -6.3780

Protanopia

183.3740, 30.4010, -16.8230

Deuteranopia

184.2130, 47.2720, -8.6960



Tritanopia

189.1130, 36.9510, 18.6710

Trichromacy



Original Color

184.8330, 51.3980, -6.3780

Protanomaly

183.9020, 37.7820, -12.9220

Deuteranomaly

184.2240, 48.7390, -7.7490

Tritanomaly

187.6540, 42.3170, 9.5250

Monochromacy



Original Color

184.8330, 51.3980, -6.3780

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.5860, 18.6610, -2.2910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.8330, 51.3980, -6.3780 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(230, 175, 117)` looks like.

```
.text, #text, p{  
    color:rgb(230, 175, 117)  
}
```

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(230, 175, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 175, 117) }
```

Border

The CSS property to change the border of an element to YIQ 184.8330, 51.3980, -6.3780 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(230, 175, 117) }
```


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

```
.border{ border-color:rgb(230, 175, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 175, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 175, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 175, 117);  
box-shadow:4px 4px 4px 4px rgb(230, 175,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 184.8330, 51.3980, -6.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 175, 117) }
```

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

```
.background{ background-color: rgb(230,  
175, 117) }
```

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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