

Converting Colors

YIQ(187.9250, 4.5850, -0.4950)

Have a look what the booklet for
YIQ(187.9250, 4.5850, -0.4950)
contains.

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Color

**YIQ(187.9250, 4.5850,
-0.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BBB6
RGB	192, 187, 182
RGB Percent	75%, 73%, 71%
CMY	0.2470, 0.2667, 0.2862
CMYK	0.00, 0.03, 0.05, 0.25
HSL	30°, 7%, 73%
HSV	30°, 5%, 75%
XYZ	47.9527, 50.1241, 51.4066
YIQ	187.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

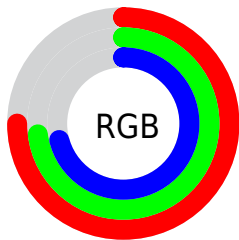
Format	Color
R_{YB}	192, 192, 182
Decimal	12630966
CIE Lab	76.15, 0.86, 3.14
CIE LCh	76, 3.254, 74.620
Yxy	50.1241, 0.3208, 0.3353
Android (android.graphics.Color)	4290821046 (0xFFC0BBB6)
YUV	187.9250, -2.9210, 3.5738
Hunter-Lab	70.7984, -2.9967, 6.5085

Details

The YIQ color $187.9250, 4.5850, -0.4950$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $186.0750, -4.5850, 0.4950$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.9250, 4.5850, -0.4950$, and $134.9250, 4.5850, -0.4950$ is the 20% darker color. If you saturate the color by 10%, you get $179.8890, 13.4340, -1.1740$, and if you desaturate by 10%, it is $195.9610, -4.2640, 0.1840$.

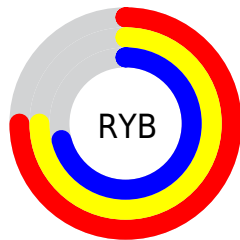
Distribution



Red (75%)

Green (73%)

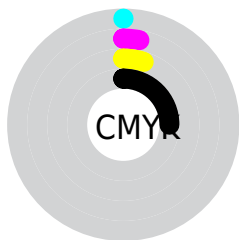
Blue (71%)



Red (75%)

Yellow (75%)

Blue (71%)

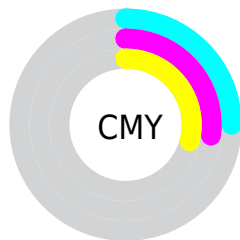


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.9250, 4.5850, -0.4950 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 187.9250, 4.5850, -0.4950 by changing the saturation by 10% instead.

■ 187.9250, 4.5850,
-0.4950

■ 187.9250, 4.5850,
-0.4950

255.0000, -0.0000,
-0.0000

■ 160.9250, 4.5850,
-0.4950

■ 243.9250, 4.5850,
-0.4950

■ 134.9250, 4.5850,
-0.4950

■ 109.6260, 3.9890,
-0.7070

■ 85.0390, 4.2640,
-0.1840

■ 61.7400, 3.6680,
-0.3960

■ 40.4410, 3.0720,
-0.6080

■ 19.6260, 3.9890,

-0.7070

■ 0.0000, 0.0000,
0.0000

■ 187.9250, 4.5850,
-0.4950

■ 187.9250, 4.5850,
-0.4950

■ 179.8890, 13.4340,
-1.1740

■ 195.9610, -4.2640,
0.1840

■ 172.4400, 22.0080,
-2.3760

■ 203.4100,
-12.8380, 1.3860

■ 164.2900, 31.1780,
-3.3660

■ 211.5600,
-22.0080, 2.3760

■ 156.8410, 39.7520,
-4.5680

■ 218.5530,
-29.2980, 2.3340

■ 148.8050, 48.6010,
-5.2470

■ 224.4230,
-32.0480, -2.8960

■ 140.7690, 57.4500,
-5.9260

■ 230.2930,
-34.7980, -8.1260

■ 133.3200, 66.0240,
-7.1280

■ 235.5760,
-37.2730, -12.8330

■ 125.1700, 75.1940,
-8.1180

■ 236.1630,
-37.5480, -13.3560

■ 117.7210, 83.7680,
-9.3200

Harmonies

Analogous

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



188.1640, 5.4100, 1.0740



187.9250, 4.5850, -0.4950



187.6150, 2.5220, -1.6540

Triad

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



187.9250, 4.5850, -0.4950



187.1950, -5.0430, -2.2190



188.4670, 0.1830, 2.1910

Complementary

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



187.9250, 4.5850, -0.4950



186.0750, -4.5850, 0.4950

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.



187.6840, -1.9260, 1.8660



187.9250, 4.5850, -0.4950



186.9500, -5.7310, -0.7630

Square

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



187.9250, 4.5850, -0.4950



186.5650, -3.2090, -2.4170



187.0750, -4.5850, 0.4950



188.4350, 3.2090, 2.4170

Rectangle

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



187.9250, 4.5850, -0.4950



187.4190, 0.1380, -2.5020



187.0750, -4.5850, 0.4950



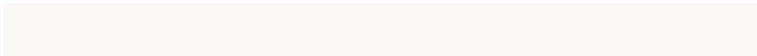
188.2820, -0.7340, 2.2900

Sweetspot

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



187.9250, 4.5850, -0.4950



247.6690, 2.4300, 0.0140



185.5600, 4.3550, 3.6750



124.0710, 1.2380, -0.4100



252.0000, 0.0000, 0.0000



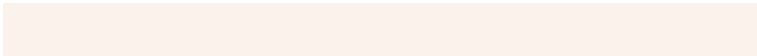
125.0000, 0.0000, 0.0000

Same Dimension

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



187.9250, 4.5850, -0.4950



243.5940, 7.0150, -0.4810



190.8600, 3.2100, -3.1100



94.4410, 3.0720, -0.6080



95.0990, 73.9560, -7.7080



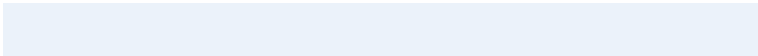
19.8460, 14.9930, -1.8950

Inverse Universe

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



186.0750, -4.5850, 0.4950



240.8190, -6.7400, 1.0040



183.1400, -3.2100, 3.1100



93.1460, -3.3470, 0.0850



65.3140, -73.6810, 8.2310



13.7410, -15.2680, 1.3720

Previews

White Background



This preview shows how the YIQ color 187.9250, 4.5850, -0.4950 looks on a white background.

Color Contrast Check

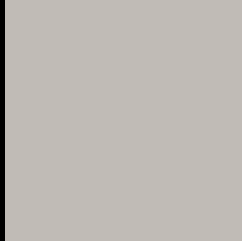
Large Text (above 18pt) WCAG AA × Fail

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 187.9250, 4.5850, -0.4950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

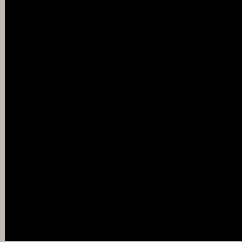
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.9250, 4.5850, -0.4950

Background



This preview shows how black text looks on a background with the YIQ color 187.9250, 4.5850, -0.4950.



This preview shows how white text looks on a background with the YIQ color 187.9250, 4.5850,

-0.4950.

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

187.9250, 4.5850, -0.4950

Protanopia

187.9250, 4.5850, -0.4950

Deuteranopia

189.5890, 14.5790, 5.6110



Tritanopia

188.7000, 1.1450, 6.7850

Trichromacy



Original Color

187.9250, 4.5850, -0.4950

Protanomaly

187.9250, 4.5850, -0.4950

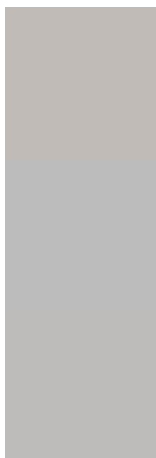
Deuteranomaly

189.2680, 11.0490, 3.5050

Tritanomaly

188.3040, 2.2000, 4.1840

Monochromacy



Original Color

187.9250, 4.5850, -0.4950

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0710, 1.2380, -0.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.9250, 4.5850, -0.4950 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(192, 187, 182)` looks like.

```
.text, #text, p{  
    color:rgb(192, 187, 182)  
}
```

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(192, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 187, 182) }
```

Border

The CSS property to change the border of an element to YIQ 187.9250, 4.5850, -0.4950 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(192, 187, 182) }
```


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

```
.border{ border-color:rgb(192, 187, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 187, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 187, 182);  
box-shadow:4px 4px 4px 4px rgb(192, 187,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 187.9250, 4.5850, -0.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 187, 182) }
```

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

```
.background{ background-color: rgb(192,  
187, 182) }
```

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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