

Converting Colors

YIQ(186.7580, 12.4250, 0.5930)

Have a look what the booklet for
YIQ(186.7580, 12.4250, 0.5930)
contains.

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Color

**YIQ(186.7580, 12.4250,
0.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B7AE
RGB	199, 183, 174
RGB Percent	78%, 72%, 68%
CMY	0.2196, 0.2824, 0.3176
CMYK	0.00, 0.08, 0.13, 0.22
HSL	22°, 18%, 73%
HSV	22°, 13%, 78%
XYZ	48.1289, 49.0640, 46.9854
YIQ	186.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

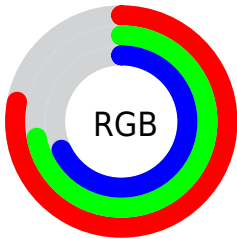
Format	Color
R _Y B	199, 188, 174
Decimal	13088686
CIE Lab	75.49, 4.17, 6.61
CIE LCh	75, 7.814, 57.749
Yxy	49.0640, 0.3338, 0.3403
Android (android.graphics.Color)	4291278766 (0xFFC7B7AE)
YUV	186.7580, -6.2897, 10.7362
Hunter-Lab	70.0457, 0.0686, 9.2613

Details

The YIQ color $186.7580, 12.4250, 0.5930$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $186.2420, -12.4250, -0.5930$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.6440, 12.7460, 0.2820$, and $133.5730, 11.5080, 0.6920$ is the 20% darker color. If you saturate the color by 10%, you get $176.8470, 22.4200, 1.1720$, and if you desaturate by 10%, it is $196.6690, 2.4300, 0.0140$.

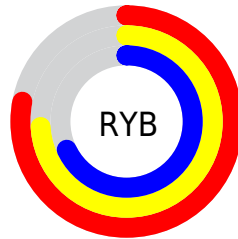
Distribution



Red (78%)

Green (72%)

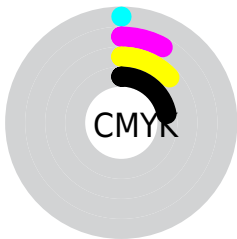
Blue (68%)



Red (78%)

Yellow (74%)

Blue (68%)

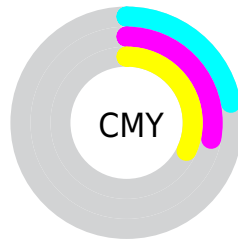


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.7580, 12.4250, 0.5930 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 186.7580, 12.4250, 0.5930 by changing the saturation by 10% instead.

■ 186.7580, 12.4250,
0.5930

■ 186.7580, 12.4250,
0.5930

255.0000, -0.0000,
-0.0000

■ 159.7580, 12.4250,
0.5930

■ 242.6440, 12.7460,
0.2820

■ 133.5730, 11.5080,
0.6920

■ 108.2740, 10.9120,
0.4800

■ 83.9750, 10.3160,
0.2680

■ 60.7900, 9.3990,
0.3670

■ 38.9040, 9.0780,
0.6780

■ 17.6330, 11.2790,

-0.6650

■ 0.0000, 0.0000,
0.0000

■ 186.7580, 12.4250,
0.5930

■ 186.7580, 12.4250,
0.5930

■ 176.8470, 22.4200,
1.1720

■ 196.6690, 2.4300,
0.0140

■ 167.5230, 32.1400,
1.2280

■ 205.9930, -7.2900,
-0.0420

■ 157.6120, 42.1350,
1.8070

■ 215.9040,
-17.2850, -0.6210

■ 147.7010, 52.1300,
2.3860

■ 225.8150,
-27.2800, -1.2000

■ 137.9040, 61.8040,
3.2760

■ 233.5600,
-31.1760, -7.6880

■ 128.5800, 71.5240,
3.3320

■ 238.2560,
-33.3760, -11.8720

■ 118.6690, 81.5190,
3.9110

■ 108.7580, 91.5140,
4.4900

■ 101.7650, 98.8040,
4.5320

Harmonies

Analogous

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



187.7520, 12.5620, 3.6180



186.7580, 12.4250, 0.5930



185.9100, 8.9410, -2.3470

Triad

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



186.7580, 12.4250, 0.5930



183.4500, -10.3150, -5.7950



186.6070, -3.0270, 5.3010

Complementary

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



186.7580, 12.4250, 0.5930



186.2420, -12.4250, -0.5930

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.



185.7910, -9.5370, 2.1350



186.7580, 12.4250, 0.5930



183.6500, -13.7540, -4.0420

Square

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



186.7580, 12.4250, 0.5930



183.8590, -4.2170, -6.1770



184.6440, -13.6170, -1.0170



187.2550, 3.8960, 6.4880

Rectangle

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



186.7580, 12.4250, 0.5930



185.2900, 4.8150, -4.6650



184.6440, -13.6170, -1.0170



186.4110, -5.4110, 4.4530

Sweetspot

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



186.7580, 12.4250, 0.5930



249.7510, 5.1350, 0.5510



183.2990, 9.7640, 10.2760



124.2670, 3.6220, 0.4380



0.0000, 0.0000, 0.0000



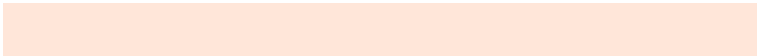
128.0000, -0.0000, -0.0000

Same Dimension

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



186.7580, 12.4250, 0.5930



235.9930, 19.0730, 1.2570



193.8020, 9.1250, -5.6830



94.4520, 4.5390, 0.3390



83.3700, 80.9230, 3.6990



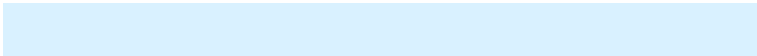
18.3950, 17.8810, 0.8330

Inverse Universe

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



186.2420, -12.4250, -0.5930



235.4200, -18.7980, -0.7340



179.1980, -9.1250, 5.6830



94.5480, -4.5390, -0.3390



80.2170, -81.1980, -4.2220



17.6050, -17.8810, -0.8330

Previews

White Background



This preview shows how the YIQ color 186.7580, 12.4250, 0.5930 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 186.7580, 12.4250, 0.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

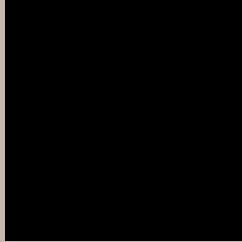
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.7580, 12.4250, 0.5930

Background



This preview shows how black text looks on a background with the YIQ color 186.7580, 12.4250, 0.5930.



This preview shows how white text looks on a background with the YIQ color 186.7580, 12.4250,

0.5930.

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

186.7580, 12.4250, 0.5930

Protanopia

185.9530, 7.3820, -1.6260

Deuteranopia

187.8020, 18.2930, 4.3810



Tritanopia

188.1740, 8.6180, 9.0180

Trichromacy



Original Color

186.7580, 12.4250, 0.5930

Protanomaly

186.2630, 9.4450, -0.4670

Deuteranomaly

187.4920, 16.2300, 3.2220

Tritanomaly

187.6640, 9.9940, 6.1060

Monochromacy



Original Color

186.7580, 12.4250, 0.5930

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.0390, 4.2640, -0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.7580, 12.4250, 0.5930 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(199, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(199, 183, 174)  
}
```

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(199, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 183, 174) }
```

Border

The CSS property to change the border of an element to YIQ 186.7580, 12.4250, 0.5930 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(199, 183, 174) }
```


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

```
.border{ border-color:rgb(199, 183, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 183, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(199, 183,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 186.7580, 12.4250, 0.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 183, 174) }
```

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

```
.background{ background-color: rgb(199,  
183, 174) }
```

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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