

Converting Colors

YIQ(188.4050, 11.9210, -1.2870)

Have a look what the booklet for
YIQ(188.4050, 11.9210, -1.2870)
contains.

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Color

**YIQ(188.4050, 11.9210,
-1.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BAAD
RGB	199, 186, 173
RGB Percent	78%, 73%, 68%
CMY	0.2196, 0.2706, 0.3215
CMYK	0.00, 0.07, 0.13, 0.22
HSL	30°, 19%, 73%
HSV	30°, 13%, 78%
XYZ	48.6567, 50.2761, 46.6824
YIQ	188.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

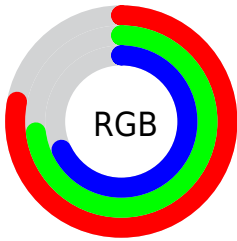
Format	Color
RYB	199, 199, 173
Decimal	13089453
CIELab	76.24, 2.40, 8.22
CIELCh	76, 8.566, 73.726
Yxy	50.2761, 0.3341, 0.3453
Android (android.graphics.Color)	4291279533 (0xFFC7BAAD)
YUV	188.4050, -7.5947, 9.2918
Hunter-Lab	70.9056, -1.5950, 10.5990

Details

The YIQ color **188.4050, 11.9210, -1.2870** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183.5950, -11.9210, 1.2870**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2910, 12.2420, -1.5980**, and **135.2200, 11.0040, -1.1880** is the 20% darker color. If you saturate the color by 10%, you get **180.2550, 21.0910, -2.2770**, and if you desaturate by 10%, it is **196.5550, 2.7510, -0.2970**.

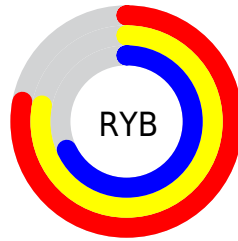
Distribution



Red (78%)

Green (73%)

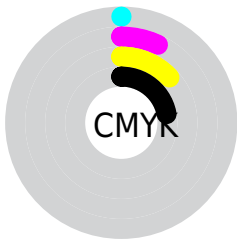
Blue (68%)



Red (78%)

Yellow (78%)

Blue (68%)

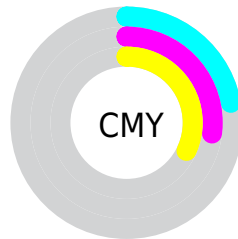


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.4050, 11.9210, -1.2870 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 188.4050, 11.9210, -1.2870 by changing the saturation by 10% instead.

■ 188.4050, 11.9210,
-1.2870

■ 188.4050, 11.9210,
-1.2870

255.0000, -0.0000,
-0.0000

■ 161.4050, 11.9210,
-1.2870

■ 244.2910, 12.2420,
-1.5980

■ 135.2200, 11.0040,
-1.1880

■ 109.9210, 10.4080,
-1.4000

■ 85.6220, 9.8120,
-1.6120

■ 62.1490, 9.7660,
-0.7780

■ 40.5510, 8.5740,
-1.2020

■ 19.2800, 10.7750,

-2.5450

■ 0.0000, 0.0000,
0.0000

■ 188.4050, 11.9210,
-1.2870

■ 188.4050, 11.9210,
-1.2870

■ 180.2550, 21.0910,
-2.2770

■ 196.5550, 2.7510,
-0.2970

■ 172.1050, 30.2610,
-3.2670

■ 204.7050, -6.4190,
0.6930

■ 163.9550, 39.4310,
-4.2570

■ 212.8550,
-15.5890, 1.6830

■ 155.8050, 48.6010,
-5.2470

■ 221.0050,
-24.7590, 2.6730

■ 147.7690, 57.4500,
-5.9260

■ 227.1030,
-28.1510, -1.9350

■ 139.6190, 66.6200,
-6.9160

■ 232.9730,
-30.9010, -7.1650

■ 131.4690, 75.7900,
-7.9060

■ 238.2560,
-33.3760, -11.8720

■ 123.3190, 84.9600,
-8.8960

■ 117.6140, 91.3790,
-9.5890

Harmonies

Analogous

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



189.1820, 14.1670, 2.0630



188.4050, 11.9210, -1.2870



187.7740, 6.3280, -4.5520

Triad

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



188.4050, 11.9210, -1.2870



185.5960, -13.6620, -5.7100



189.2870, 0.8700, 6.2620

Complementary

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



188.4050, 11.9210, -1.2870



183.5950, -11.9210, 1.2870

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.



187.9270, -6.9240, 4.3400



188.4050, 11.9210, -1.2870



186.2200, -15.3590, -2.4870

Square

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



188.4050, 11.9210, -1.2870



185.5920, -7.8390, -6.6150



186.9970, -13.1130, 0.8630



189.8210, 8.1140, 7.1380

Rectangle

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



188.4050, 11.9210, -1.2870



186.7950, 1.8350, -5.7250



186.9970, -13.1130, 0.8630



189.2050, -1.8350, 5.7250

Sweetspot

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



188.4050, 11.9210, -1.2870



250.9250, 4.5850, -0.4950



182.2560, 11.3230, 9.5550



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



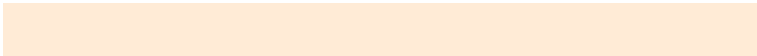
128.0000, -0.0000, -0.0000

Same Dimension

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



188.4050, 11.9210, -1.2870



238.5860, 18.6610, -2.2910



196.0360, 8.3460, -8.0860



95.0390, 4.2640, -0.1840



96.8710, 74.5980, -8.3300



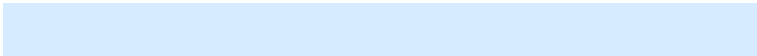
21.3300, 16.5060, -1.7820

Inverse Universe

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



183.5950, -11.9210, 1.2870



231.0010, -18.9360, 1.7680



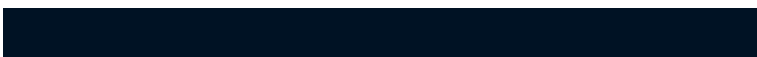
175.9640, -8.3460, 8.0860



93.3740, -3.9890, 0.7070



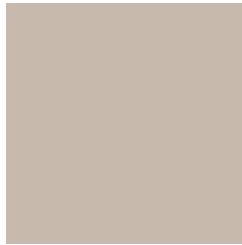
66.7160, -74.8730, 7.8070



14.6700, -16.5060, 1.7820

Previews

White Background



This preview shows how the YIQ color 188.4050, 11.9210, -1.2870 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 188.4050, 11.9210, -1.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

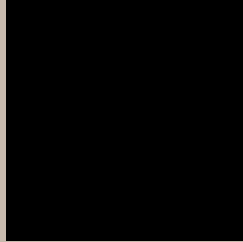
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

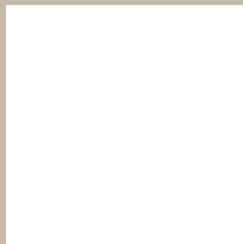
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.4050, 11.9210, -1.2870

Background



This preview shows how black text looks on a background with the YIQ color 188.4050, 11.9210, -1.2870.



This preview shows how white text looks on a background with the YIQ color 188.4050, 11.9210,

-1.2870.

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

188.4050, 11.9210, -1.2870

Protanopia

187.9100, 8.9410, -2.3470

Deuteranopia

189.1720, 20.1270, 4.1830



Tritanopia

189.6900, 7.1050, 8.9050

Trichromacy



Original Color

188.4050, 11.9210, -1.2870

Protanomaly

188.2090, 9.5370, -2.1350

Deuteranomaly

189.1500, 17.1930, 2.2890

Tritanomaly

188.9520, 9.1230, 5.3710

Monochromacy



Original Color

188.4050, 11.9210, -1.2870

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0390, 4.2640, -0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4050, 11.9210, -1.2870 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, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 186, 173)  
}
```

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, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 173) }
```

Border

The CSS property to change the border of an element to YIQ 188.4050, 11.9210, -1.2870 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, 186, 173) }
```


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

```
.border{ border-color:rgb(199, 186, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 173);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4050, 11.9210, -1.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 186, 173) }
```

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

```
.background{ background-color: rgb(199,  
186, 173) }
```

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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