

Converting Colors

YIQ(188.8250, 19.4860, -0.7220)

Have a look what the booklet for
YIQ(188.8250, 19.4860, -0.7220)
contains.

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Color

**YIQ(188.8250, 19.4860,
-0.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB8A6
RGB	207, 184, 166
RGB Percent	81%, 72%, 65%
CMY	0.1882, 0.2784, 0.3489
CMYK	0.00, 0.11, 0.20, 0.19
HSL	26°, 30%, 73%
HSV	26°, 20%, 81%
XYZ	49.7588, 50.2980, 43.1735
YIQ	188.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

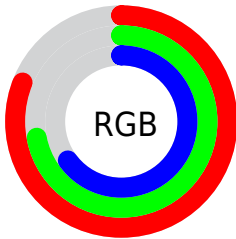
Format	Color
R_{YB}	207, 198, 166
Decimal	13613222
CIE _{Lab}	76.25, 5.34, 12.12
CIE _{LCh}	76, 13.247, 66.227
Yxy	50.2980, 0.3474, 0.3512
Android (android.graphics.Color)	4291803302 (0xFFCFB8A6)
YUV	188.8250, -11.2527, 15.9395
Hunter-Lab	70.9211, 1.1251, 13.5517

Details

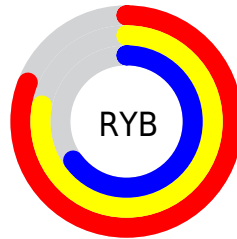
The YIQ color $188.8250, 19.4860, -0.7220$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $184.1750, -19.4860, 0.7220$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.3190, 15.0390, -2.7290$, and $135.3410, 17.9730, -0.8350$ is the 20% darker color. If you saturate the color by 10%, you get $179.3870, 29.5270, -0.9770$, and if you desaturate by 10%, it is $198.2630, 9.4450, -0.4670$.

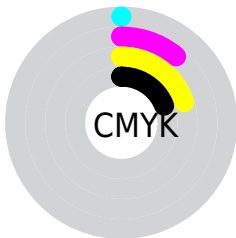
Distribution



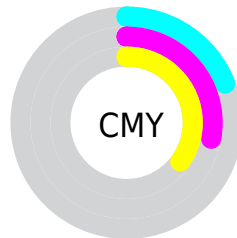
- Red (81%)
- Green (72%)
- Blue (65%)



- Red (81%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (19%)





- Cyan (19%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.8250, 19.4860, -0.7220 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 188.8250, 19.4860, -0.7220 by changing the saturation by 10% instead.


 188.8250, 19.4860,
-0.7220


 188.8250, 19.4860,
-0.7220


255.0000, -0.0000,
-0.0000


 161.6400, 18.5690,
-0.6230


 242.3190, 15.0390,
-2.7290


 135.3410, 17.9730,
-0.8350

 254.4300, 1.6050,
-1.5550

 110.1560, 17.0560,
-0.7360

 85.8570, 16.4600,
-0.9480

 62.3730, 14.9470,
-1.0610

 40.1880, 14.0300,
-0.9620

 19.2590, 15.2680,

-1.3720

■ 0.0000, 0.0000,
0.0000

■ 188.8250, 19.4860,
-0.7220

■ 188.8250, 19.4860,
-0.7220

■ 179.3870, 29.5270,
-0.9770

■ 198.2630, 9.4450,
-0.4670

■ 170.6500, 38.9720,
-1.4440

■ 207.0000, 0.0000,
-0.0000

■ 161.2120, 49.0130,
-1.6990

■ 216.4380,
-10.0410, 0.2550

■ 151.7740, 59.0540,
-1.9540

■ 225.2890,
-19.8070, 1.0330

■ 143.0370, 68.4990,
-2.4210

■ 233.0170,
-25.0330, -3.3770

■ 133.5990, 78.5400,
-2.6760

■ 240.0610,
-28.3330, -9.6530

■ 124.7480, 88.3060,
-3.4540

■ 240.6480,
-28.6080, -10.1760

■ 115.3100, 98.3470,
-3.7090

Harmonies

Analogous

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



190.0690, 21.9150, 4.8190



188.8250, 19.4860, -0.7220



187.3570, 11.8760, -5.9800

Triad

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



188.8250, 19.4860, -0.7220



183.6660, -19.8510, -9.1870



189.7260, -1.7440, 9.5840

Complementary

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



188.8250, 19.4860, -0.7220



184.1750, -19.4860, 0.7220

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.



187.7460, -13.6640, 5.3440



188.8250, 19.4860, -0.7220



184.4360, -24.8950, -5.8790

Square

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



188.8250, 19.4860, -0.7220



184.4020, -10.3600, -10.4880



185.9790, -21.8700, -0.1260



190.7120, 10.0390, 10.7990

Rectangle

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



188.8250, 19.4860, -0.7220



186.6550, 5.0450, -8.8350



185.9790, -21.8700, -0.1260



189.0460, -5.6410, 8.6230

Sweetspot

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



188.8250, 19.4860, -0.7220



248.0070, 7.2900, 0.0420



180.8810, 17.0530, 15.8450



123.4520, 4.5390, 0.3390



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.



188.8250, 19.4860, -0.7220



228.0880, 28.9310, -1.1890



200.5650, 13.9860, -11.1820



100.2240, 5.1810, -0.2830



93.6700, 79.7780, -3.0860



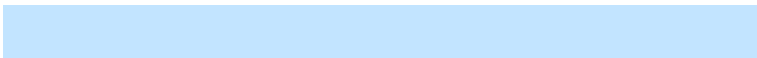
22.8250, 19.4860, -0.7220

Inverse Universe

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



184.1750, -19.4860, 0.7220



220.9120, -28.9310, 1.1890



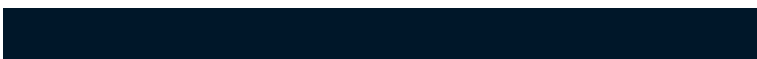
172.4350, -13.9860, 11.1820



98.7760, -5.1810, 0.2830



74.9170, -80.0530, 2.5630



18.1750, -19.4860, 0.7220

Previews

White Background



This preview shows how the YIQ color 188.8250, 19.4860, -0.7220 looks on a white background.

Color Contrast Check

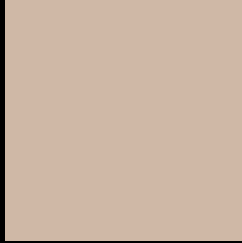
Large Text (above 18pt) WCAG AA × Fail

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 188.8250, 19.4860, -0.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

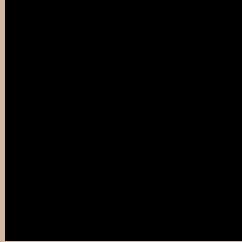
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.8250, 19.4860, -0.7220

Background



This preview shows how black text looks on a background with the YIQ color 188.8250, 19.4860, -0.7220.



This preview shows how white text looks on a background with the YIQ color 188.8250, 19.4860,

-0.7220.

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

188.8250, 19.4860, -0.7220

Protanopia

188.1120, 11.1880, -4.5240

Deuteranopia

189.2710, 24.1620, 2.6420



Tritanopia

190.8650, 13.9820, 10.9260

Trichromacy



Original Color

188.8250, 19.4860, -0.7220

Protanomaly

188.6070, 14.1680, -3.4640

Deuteranomaly

188.9610, 22.0990, 1.4830

Tritanomaly

190.0130, 16.3210, 7.0810

Monochromacy



Original Color

188.8250, 19.4860, -0.7220

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.0070, 7.2900, 0.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8250, 19.4860, -0.7220 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(207, 184, 166)` looks like.

```
.text, #text, p{  
    color:rgb(207, 184, 166)  
}
```

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(207, 184, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 184, 166) }
```

Border

The CSS property to change the border of an element to YIQ 188.8250, 19.4860, -0.7220 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(207, 184, 166) }
```


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

```
.border{ border-color:rgb(207, 184, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 184, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 184, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 184, 166);  
box-shadow:4px 4px 4px 4px rgb(207, 184,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8250, 19.4860, -0.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 184, 166) }
```

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

```
.background{ background-color: rgb(207,  
184, 166) }
```

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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