

# Converting Colors

YIQ(178.9210, 10.4080, -1.4000)

Have a look what the booklet for  
YIQ(178.9210, 10.4080, -1.4000)  
contains.

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# Color

**YIQ(178.9210, 10.4080,  
-1.4000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB1A5
RGB	188, 177, 165
RGB Percent	74%, 69%, 65%
CMY	0.2627, 0.3059, 0.3529
CMYK	0.00, 0.06, 0.12, 0.26
HSL	31°, 15%, 69%
HSV	31°, 12%, 74%
XYZ	43.2541, 44.8515, 41.9809
YIQ	178.9210, 10.4080, -1.4000

# Conversions

## Conversions Part 2

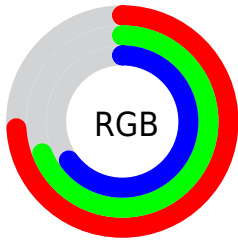
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">186, 188, 165</a>
Decimal	<a href="#">12366245</a>
CIELab	<a href="#">72.79, 1.86, 7.53</a>
CIELCh	<a href="#">73, 7.753, 76.128</a>
Yxy	<a href="#">44.8515, 0.3325, 0.3448</a>
Android (android.graphics.Color)	<a href="#">4290556325</a> ( <a href="#">0xFFBCB1A5</a> )
YUV	<a href="#">178.9210, -6.8631, 7.9623</a>
Hunter-Lab	<a href="#">66.9713, -1.9135, 9.7139</a>

# Details

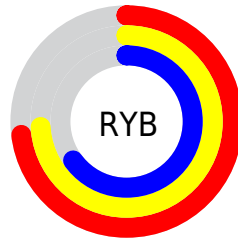
The YIQ color  $178.9210, 10.4080, -1.4000$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $174.0790, -10.4080, 1.4000$ , and the grayscale version is  $179.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $234.8070, 10.7290, -1.7110$ , and  $126.0350, 10.0870, -1.0890$  is the 20% darker color. If you saturate the color by 10%, you get  $171.4720, 18.9820, -2.6020$ , and if you desaturate by 10%, it is  $186.3700, 1.8340, -0.1980$ .

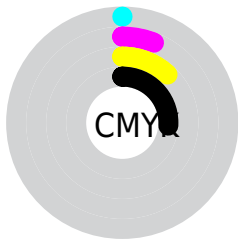
# Distribution



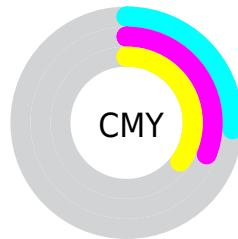
- Red (74%)
- Green (69%)
- Blue (65%)



- Red (73%)
- Yellow (74%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (26%)




- Cyan (26%)
- Magenta (31%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 178.9210, 10.4080, -1.4000 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 178.9210, 10.4080, -1.4000 by changing the saturation by 10% instead.





 178.9210, 10.4080,  
-1.4000


 178.9210, 10.4080,  
-1.4000

255.0000, -0.0000,  
-0.0000


 152.0350, 10.0870,  
-1.0890


 234.8070, 10.7290,  
-1.7110


 126.0350, 10.0870,  
-1.0890

 254.3160, 1.9260,  
-1.8660

 101.4370, 8.8950,  
-1.5130

 77.4370, 8.8950,  
-1.5130

 54.2520, 7.9780,  
-1.4140

 33.0670, 7.0610,  
-1.3150

 10.0780, 8.5280,

-0.3680

■ 0.0000, 0.0000,  
0.0000

■ 178.9210, 10.4080,  
-1.4000

■ 178.9210, 10.4080,  
-1.4000

■ 171.4720, 18.9820,  
-2.6020

■ 186.3700, 1.8340,  
-0.1980

■ 164.0230, 27.5560,  
-3.8040

■ 193.8190, -6.7400,  
1.0040

■ 156.6880, 35.8090,  
-4.6950

■ 201.1540,  
-14.9930, 1.8950

■ 149.2390, 44.3830,  
-5.8970

■ 208.6030,  
-23.5670, 3.0970

■ 141.7900, 52.9570,  
-7.0990

■ 215.5960,  
-30.8570, 3.0550

■ 134.3410, 61.5310,  
-8.3010

■ 220.8790,  
-33.3320, -1.6520

■ 126.8920, 70.1050,  
-9.5030

■ 226.1620,  
-35.8070, -6.3590

■ 119.5570, 78.3580,  
-10.3940

■ 231.4450,  
-38.2820, -11.0660

■ 113.7380, 85.0980,  
-11.3980

■ 234.9670,  
-39.9320, -14.2040

# Harmonies

## Analogous

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



179.6980, 12.6540, 1.9500



178.9210, 10.4080, -1.4000



177.7030, 5.0900, -4.1420

# Triad

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



178.9210, 10.4080, -1.4000



176.6070, -12.1950, -4.7630



180.0590, 1.5120, 5.6400

# Complementary

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



178.9210, 10.4080, -1.4000



174.0790, -10.4080, 1.4000

# 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.



178.9980, -5.6860, 3.9300



178.9210, 10.4080, -1.4000



176.8180, -14.1670, -2.0630

# Square

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



178.9210, 10.4080, -1.4000



176.7060, -8.1600, -6.3040



177.7800, -11.0040, 1.1880



179.9950, 7.5640, 6.0920



# Rectangle

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



178.9210, 10.4080, -1.4000



177.6100, 0.9180, -5.6260



177.7800, -11.0040, 1.1880



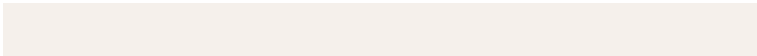
179.3900, -0.9180, 5.6260

# Sweetspot

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



178.9210, 10.4080, -1.4000



240.9250, 4.5850, -0.4950



173.1310, 10.1770, 8.2970



119.5550, 2.7510, -0.2970



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

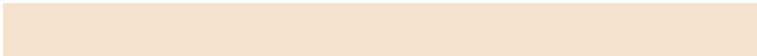


# Same Dimension

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



178.9210, 10.4080, -1.4000



230.2160, 16.8270, -2.0930



185.3780, 7.3830, -7.1530



90.6260, 3.9890, -0.7070



95.3760, 71.6180, -9.3900



18.6610, 14.0760, -1.7960



# Inverse Universe

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



174.0790, -10.4080, 1.4000



222.7840, -16.8270, 2.0930



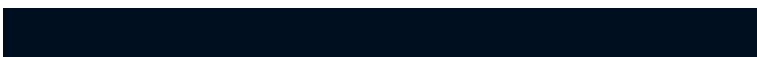
167.6220, -7.3830, 7.1530



88.3740, -3.9890, 0.7070



62.6240, -71.6180, 9.3900



12.3390, -14.0760, 1.7960



# Previews

## White Background



This preview shows how the YIQ color 178.9210, 10.4080, -1.4000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

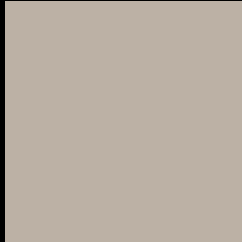
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 178.9210, 10.4080, -1.4000 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

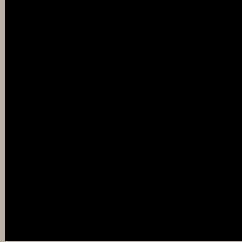
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 178.9210, 10.4080, -1.4000

## Background



This preview shows how black text looks on a background with the YIQ color 178.9210, 10.4080, -1.4000.



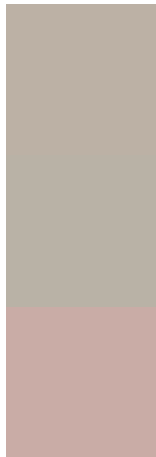
This preview shows how white text looks on a background with the YIQ color 178.9210, 10.4080, -1.4000.

-1.4000.

# 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

178.9210, 10.4080, -1.4000

### Protanopia

178.7250, 8.0240, -2.2480

### Deuteranopia

179.9870, 19.2100, 4.2820



## **Tritanopia**

180.5650, 5.9590, 7.6470

# Trichromacy



## Original Color

178.9210, 10.4080, -1.4000

## Protanomaly

179.0240, 8.6200, -2.0360

## Deuteranomaly

179.6660, 15.6800, 2.1760

## Tritanomaly

179.9410, 7.6560, 4.4240

# Monochromacy



## Original Color

178.9210, 10.4080, -1.4000

## Achromatopsia

179.0000, -0.0000, -0.0000

## Achromatomaly

178.7400, 3.6680, -0.3960

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 178.9210, 10.4080, -1.4000 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(188, 177, 165)` looks like.

```
.text, #text, p{  
    color:rgb(188, 177, 165)  
}
```

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(188, 177, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 177, 165) }
```

## Border

The CSS property to change the border of an element to YIQ 178.9210, 10.4080, -1.4000 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(188, 177, 165) }
```



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

```
.border{ border-color:rgb(188, 177, 165) }
```

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

Here you see how a box with a 4 pixel rgb(188, 177, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 177, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 177, 165);  
box-shadow:4px 4px 4px 4px rgb(188, 177,  
165) }
```

# Background

The CSS property to change the background color of an element to YIQ 178.9210, 10.4080, -1.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 177, 165) }
```

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

```
.background{ background-color: rgb(188,  
177, 165) }
```

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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