

# Converting Colors

YIQ(191.4180, 1.8790, 4.4950)

Have a look what the booklet for  
YIQ(191.4180, 1.8790, 4.4950)  
contains.

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# Color

**YIQ(191.4180, 1.8790,  
4.4950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4BCC5
RGB	196, 188, 197
RGB Percent	77%, 74%, 77%
CMY	0.2313, 0.2627, 0.2274
CMYK	0.01, 0.05, 0.00, 0.23
HSL	293°, 7%, 75%
HSV	293°, 5%, 77%
XYZ	50.8271, 51.7328, 60.1300
YIQ	191.4180, 1.8790, 4.4950

# Conversions

## Conversions Part 2

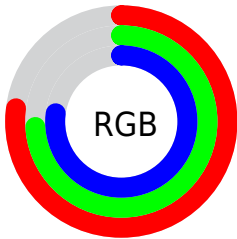
Format	Color
R <sub>Y</sub> B	196, 188, 197
Decimal	12893381
CIE Lab	77.12, 4.46, -3.53
CIE LCh	77, 5.689, 321.598
Yxy	51.7328, 0.3124, 0.3180
Android (android.graphics.Color)	4291083461 (0xFFC4BCC5)
YUV	191.4180, 2.7519, 4.0184
Hunter-Lab	71.9255, 0.2697, 0.7813

# Details

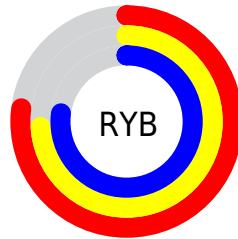
The YIQ color  $191.4180, 1.8790, 4.4950$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $193.5820, -1.8790, -4.4950$ , and the grayscale version is  $191.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $247.8310, 2.1540, 5.0180$ , and  $138.0050, 1.6040, 3.9720$  is the 20% darker color. If you saturate the color by 10%, you get  $179.0800, 6.1870, 14.5310$ , and if you desaturate by 10%, it is  $203.7560, -2.4290, -5.5410$ .

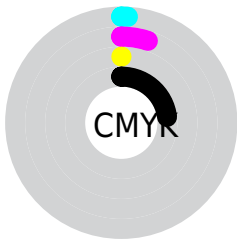
# Distribution



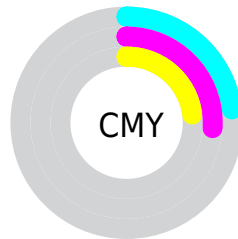
- Red (77%)
- Green (74%)
- Blue (77%)



- Red (77%)
- Yellow (74%)
- Blue (77%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)



- Cyan (23%)
- Magenta (26%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 191.4180, 1.8790, 4.4950 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 191.4180, 1.8790, 4.4950 by changing the saturation by 10% instead.



■ 191.4180, 1.8790,  
4.4950

■ 191.4180, 1.8790,  
4.4950

255.0000, -0.0000,  
-0.0000

■ 164.4180, 1.8790,  
4.4950

■ 247.8310, 2.1540,  
5.0180

■ 138.0050, 1.6040,  
3.9720

■ 113.0050, 1.6040,  
3.9720

■ 88.0050, 1.6040,  
3.9720

■ 65.0050, 1.6040,  
3.9720

■ 42.5920, 1.3290,  
3.4490

■ 22.4780, 1.6500,

3.1380

0.0000, 0.0000,  
0.0000

191.4180, 1.8790,  
4.4950

191.4180, 1.8790,  
4.4950

179.0800, 6.1870,  
14.5310

203.7560, -2.4290,  
-5.5410

167.3290, 10.2200,  
24.0440

215.5070, -6.4620,  
-15.0540

154.6920, 13.9320,  
33.8680

228.1440,  
-10.1740, -24.8780

142.3540, 18.2400,  
43.9040

233.4380,  
-11.1820, -28.6380

130.6030, 22.2730,  
53.4170

234.0360, -9.9900,  
-28.2140

■ 118.2650, 26.5810,  
63.4530

■ 234.6340, -8.7980,  
-27.7900

■ 105.9270, 30.8890,  
73.4890

■ 235.2320, -7.6060,  
-27.3660

■ 93.5890, 35.1970,  
83.5250

■ 235.8300, -6.4140,  
-26.9420

■ 81.5390, 38.6340,  
92.8260

■ 236.7270, -4.6260,  
-26.3060

# Harmonies

## Analogous

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



191.1400, -3.2100, 3.1100



191.4180, 1.8790, 4.4950



191.7560, 6.7390, 4.5230

# Triad

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



191.4180, 1.8790, 4.4950



190.9530, 7.3820, -1.6260



189.2160, -9.5360, -3.3920

# Complementary

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



191.4180, 1.8790, 4.4950



193.5820, -1.8790, -4.4950

# 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.



189.2440, -6.7390, -4.5230



191.4180, 1.8790, 4.4950



189.8600, 3.2100, -3.1100

# Square

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



191.4180, 1.8790, 4.4950



191.2030, 9.6740, 0.8900



189.5820, -1.8790, -4.4950



189.3840, -9.9490, -1.4130



# Rectangle

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



191.4180, 1.8790, 4.4950



191.5990, 8.6190, 3.4910



189.5820, -1.8790, -4.4950



188.9880, -8.8940, -4.0140

# Sweetspot

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



191.4180, 1.8790, 4.4950



253.2390, 0.8250, 1.5690



189.6130, -3.1640, 2.2760



126.5270, -0.0460, 0.8340



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.



191.4180, 1.8790, 4.4950



247.0700, 2.9790, 6.5870



191.3750, 3.4380, 3.7740



95.4780, 1.6500, 3.1380



61.9370, 34.0970, 81.4330



13.6720, 7.5160, 17.9800



# Inverse Universe

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



190.8050, 5.0430, 2.2190



246.1150, 7.1060, 3.3780



193.6250, -3.4380, -3.7740



94.9080, 3.2550, 1.5830



50.7890, 91.3700, 40.1540



11.2200, 20.1720, 8.8760



# Previews

## White Background



This preview shows how the YIQ color 191.4180, 1.8790, 4.4950 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

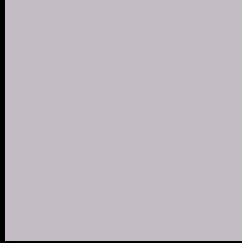
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 191.4180, 1.8790, 4.4950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

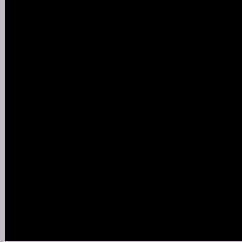
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

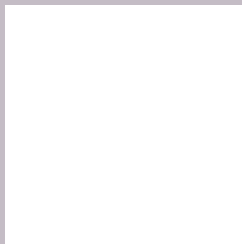
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 191.4180, 1.8790, 4.4950**

## **Background**



This preview shows how black text looks on a background with the YIQ color 191.4180, 1.8790, 4.4950.



This preview shows how white text looks on a background with the YIQ color 191.4180, 1.8790,

4.4950.

# 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

191.4180, 1.8790, 4.4950

### Protanopia

190.9230, -1.1010, 3.4350

### Deuteranopia

192.7610, 8.3430, 8.4950



## Tritanopia

191.7000, 1.1450, 6.7850

# Trichromacy



## Original Color

191.4180, 1.8790, 4.4950

## Protanomaly

191.2220, -0.5050, 3.6470

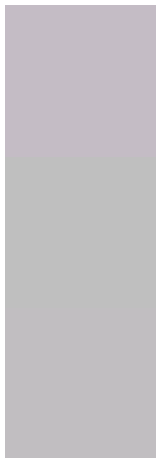
## Deuteranomaly

192.1520, 5.6840, 7.1240

## Tritanomaly

191.4720, 1.7870, 6.1630

# Monochromacy



## Original Color

191.4180, 1.8790, 4.4950

## Achromatopsia

191.0000, -0.0000, -0.0000

## Achromatomaly

191.2390, 0.8250, 1.5690

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 191.4180, 1.8790, 4.4950 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(196, 188, 197)` looks like.

```
.text, #text, p{  
    color:rgb(196, 188, 197)  
}
```

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(196, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 197) }
```

## Border

The CSS property to change the border of an element to YIQ 191.4180, 1.8790, 4.4950 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(196, 188, 197) }
```



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

```
.border{ border-color:rgb(196, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
197) }
```

# Background

The CSS property to change the background color of an element to YIQ 191.4180, 1.8790, 4.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 188, 197) }
```

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

```
.background{ background-color: rgb(196,  
188, 197) }
```

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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