

# Converting Colors

YIQ(189.6400, -7.7940, -1.9220)

Have a look what the booklet for  
YIQ(189.6400, -7.7940, -1.9220)  
contains.

<b>YIQ(189.6400, -7.7940, -1.9220)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(189.6400, -7.7940,  
-1.9220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5C1C3
RGB	181, 193, 195
RGB Percent	71%, 76%, 76%
CMY	0.2902, 0.2431, 0.2353
CMYK	0.07, 0.01, 0.00, 0.24
HSL	189°, 10%, 74%
HSV	189°, 7%, 76%
XYZ	47.9749, 51.9048, 59.1149
YIQ	189.6400, -7.7940, -1.9220

# Conversions

## Conversions Part 2

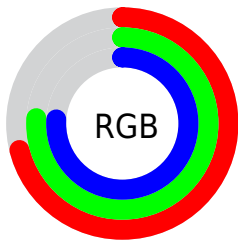
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 187, 195
Decimal	11911619
CIE <sub>Lab</sub>	77.22, -3.72, -2.43
CIE <sub>LCh</sub>	77, 4.446, 213.095
Yxy	51.9048, 0.3017, 0.3265
Android (android.graphics.Color)	4290101699 (0xFFB5C1C3)
<b>YUV</b>	189.6400, 2.6425, -7.5773
Hunter-Lab	72.0450, -7.2153, 1.7824

# Details

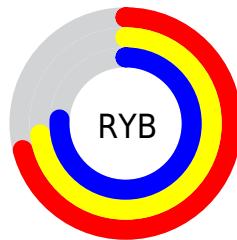
The YIQ color  $189.6400, -7.7940, -1.9220$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $186.3600, 7.7940, 1.9220$ , and the grayscale version is  $190.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $245.7540, -8.1150, -1.6110$ , and  $136.5260, -7.4730, -2.2330$  is the 20% darker color. If you saturate the color by 10%, you get  $181.8990, -18.8890, -4.5930$ , and if you desaturate by 10%, it is  $197.0820, 2.7050, 0.5370$ .

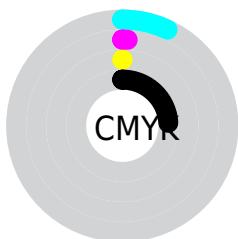
# Distribution



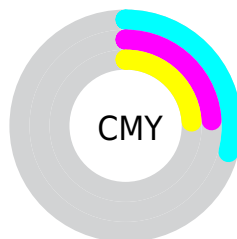
- Red (71%)
- Green (76%)
- Blue (76%)



- Red (71%)
- Yellow (73%)
- Blue (76%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 189.6400, -7.7940, -1.9220 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 189.6400, -7.7940, -1.9220 by changing the saturation by 10% instead.



■ 189.6400, -7.7940,  
-1.9220

■ 189.6400, -7.7940,  
-1.9220

255.0000, -0.0000,  
-0.0000

■ 162.6400, -7.7940,  
-1.9220

■ 245.6400, -7.7940,  
-1.9220

■ 136.5260, -7.4730,  
-2.2330

■ 110.9390, -7.1980,  
-1.7100

■ 86.8250, -6.8770,  
-2.0210

■ 63.2380, -6.6020,  
-1.4980

■ 41.2380, -6.6020,  
-1.4980

■ 20.8250, -6.8770,

-2.0210

■ 0.0000, 0.0000,  
0.0000

■ 189.6400, -7.7940,  
-1.9220

■ 189.6400, -7.7940,  
-1.9220

■ 181.8990,  
-18.8890, -4.5930

■ 197.0820, 2.7050,  
0.5370

■ 174.4570,  
-29.3880, -7.0520

■ 204.8230, 13.8000,  
3.2080

■ 167.3030,  
-40.7580, -10.2460

■ 211.6780, 24.5740,  
6.1900

■ 159.8610,  
-51.2570, -12.7050

■ 218.2230, 33.2850,  
8.0130

■ 152.1200,  
-62.3520, -15.3760

■ 219.9840, 32.4600,  
6.4440

■ 144.6780,  
-72.8510, -17.8350

■ 221.7450, 31.6350,  
4.8750

■ 137.5240,  
-84.2210, -21.0290

■ 222.9190, 31.0850,  
3.8290

■ 130.0820,  
-94.7200, -23.4880

■ 224.6800, 30.2600,  
2.2600

■ 122.6400,  
-105.2190, -25.9470

■ 226.4410, 29.4350,  
0.6910

# Harmonies

## Analogous

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



189.4830, -5.9140, -2.9540



189.6400, -7.7940, -1.9220



189.9930, -7.2900, -0.0420

# Triad

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



189.6400, -7.7940, -1.9220



191.3750, 3.4380, 3.7740



190.9850, 4.3560, -1.8520

# Complementary

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



189.6400, -7.7940, -1.9220



186.3600, 7.7940, 1.9220

# 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.



191.0070, 7.2900, 0.0420



189.6400, -7.7940, -1.9220



191.5170, 5.9140, 2.9540

# Square

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



189.6400, -7.7940, -1.9220



191.5100, -1.3760, 2.9120



191.3600, 7.7940, 1.9220



190.1910, 0.7800, -3.1240



# Rectangle

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



189.6400, -7.7940, -1.9220



190.4170, -5.5480, 1.4280



191.3600, 7.7940, 1.9220



190.6970, 5.2270, -1.1170

# Sweetspot

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



189.6400, -7.7940, -1.9220



250.5050, -2.9800, -1.0600



189.4460, -4.4920, -6.7000



126.5160, -1.5130, -0.1130



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

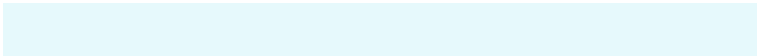


# Same Dimension

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



189.6400, -7.7940, -1.9220



243.6610, -12.2870, -3.0950



185.5310, -5.8690, 1.7390



93.4230, -5.6850, -1.5970



99.3600, -89.6310, -22.1030



20.1980, -18.2930, -4.3810



# Inverse Universe

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



186.5540, 4.4920, 6.7000



238.7440, 7.0130, 10.5730



190.4690, 5.8690, -1.7390



91.0160, 3.0710, 4.9190



63.8710, 51.6580, 77.0500



13.0590, 10.6800, 15.7040



# Previews

## White Background



This preview shows how the YIQ color 189.6400, -7.7940, -1.9220 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 189.6400, -7.7940, -1.9220 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

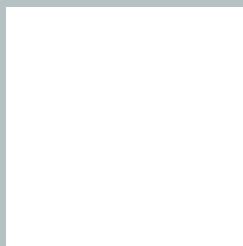
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 189.6400, -7.7940, -1.9220

## Background



This preview shows how black text looks on a background with the YIQ color 189.6400, -7.7940, -1.9220.



This preview shows how white text looks on a background with the YIQ color 189.6400, -7.7940, -1.9220.

-1.9220.

# 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

189.6400, -7.7940, -1.9220

### Protanopia

191.2390, 0.8250, 1.5690

### Deuteranopia

192.6470, 8.6640, 8.1840



## Tritanopia

190.3180, -9.5830, 2.9690

# Trichromacy



## Original Color

189.6400, -7.7940, -1.9220

## Protanomaly

190.7440, -2.1550, 0.5090

## Deuteranomaly

191.6030, 2.7960, 4.3960

## Tritanomaly

190.1500, -9.1700, 0.9900

# Monochromacy



## Original Color

189.6400, -7.7940, -1.9220

## Achromatopsia

190.0000, -0.0000, -0.0000

## Achromatomaly

189.9180, -2.7050, -0.5370

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 189.6400, -7.7940, -1.9220 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(181, 193, 195)` looks like.

```
.text, #text, p{  
    color:rgb(181, 193, 195)  
}
```

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(181, 193, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 193, 195) }
```

## Border

The CSS property to change the border of an element to YIQ 189.6400, -7.7940, -1.9220 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(181, 193, 195) }
```



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

```
.border{ border-color:rgb(181, 193, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 193, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 193, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 193, 195);  
box-shadow:4px 4px 4px 4px rgb(181, 193,  
195) }
```

# Background

The CSS property to change the background color of an element to YIQ 189.6400, -7.7940, -1.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 193, 195) }
```

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

```
.background{ background-color: rgb(181,  
193, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor