

# Converting Colors

YIQ(192.7840, -16.8270, 2.0930)

Have a look what the booklet for  
YIQ(192.7840, -16.8270, 2.0930)  
contains.

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# Color

**YIQ(192.7840, -16.8270,  
2.0930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2C4D7
RGB	178, 196, 215
RGB Percent	70%, 77%, 84%
CMY	0.3020, 0.2313, 0.1569
CMYK	0.17, 0.09, 0.00, 0.16
HSL	211°, 32%, 77%
HSV	211°, 17%, 84%
XYZ	50.3630, 53.8526, 72.0161
YIQ	192.7840, -16.8270, 2.0930

# Conversions

## Conversions Part 2

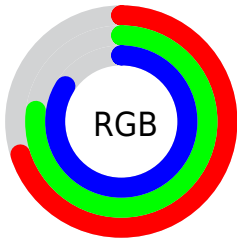
Format	Color
R <sub>Y</sub> B	178, 190, 215
Decimal	11715799
CIE Lab	78.38, -2.19, -11.54
CIE LCh	78, 11.745, 259.253
Yxy	53.8526, 0.2858, 0.3056
Android (android.graphics.Color)	4289905879 (0xFFB2C4D7)
YUV	192.7840, 10.9525, -12.9656
Hunter-Lab	73.3843, -5.9196, -6.8156

# Details

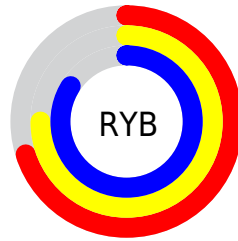
The YIQ color  $192.7840, -16.8270, 2.0930$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $200.2160, 16.8270, -2.0930$ , and the grayscale version is  $193.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $247.5470, -11.9660, -3.4060$ , and  $138.9690, -15.9100, 1.9940$  is the 20% darker color. If you saturate the color by 10%, you get  $179.7490, -26.9140, 3.1820$ , and if you desaturate by 10%, it is  $205.5200, -7.3360, 0.7920$ .

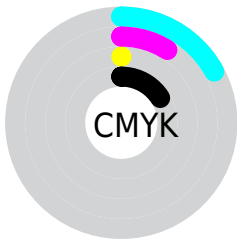
# Distribution



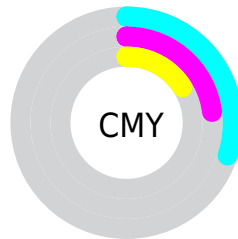
- Red (70%)
- Green (77%)
- Blue (84%)



- Red (70%)
- Yellow (75%)
- Blue (84%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (23%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 192.7840, -16.8270, 2.0930 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 192.7840, -16.8270, 2.0930 by changing the saturation by 10% instead.



■ 192.7840,  
-16.8270, 2.0930

■ 192.7840,  
-16.8270, 2.0930

■ 255.0000, -0.0000,  
-0.0000

■ 165.6700,  
-16.5060, 1.7820

■ 247.5470,  
-11.9660, -3.4060

■ 138.9690,  
-15.9100, 1.9940

■ 113.8550,  
-15.5890, 1.6830

■ 88.8550, -15.5890,  
1.6830

■ 65.6270, -14.9470,  
1.0610

■ 43.2140, -15.2220,  
0.5380

■ 21.8010, -15.4970,

0.0150

■ 2.7530, -6.3740,  
5.3860

■ 0.0000, 0.0000,  
0.0000

■ 192.7840,  
-16.8270, 2.0930

■ 192.7840,  
-16.8270, 2.0930

■ 179.7490,  
-26.9140, 3.1820

■ 205.5200, -7.3360,  
0.7920

■ 167.0130,  
-36.4050, 4.4830

■ 218.5550, 2.7510,  
-0.2970

■ 154.2770,  
-45.8960, 5.7840

■ 231.2910, 12.2420,  
-1.5980

■ 141.2420,  
-55.9830, 6.8730

■ 241.6350, 16.9650,  
-4.5950

■ 128.5060,  
-65.4740, 8.1740

■ 248.0920, 13.9400,  
-10.3480

■ 115.4710,  
-75.5610, 9.2630

■ 250.4400, 12.8400,  
-12.4400

■ 102.7350,  
-85.0520, 10.5640

■ 89.7000, -95.1390,  
11.6530

■ 86.1450, -97.8900,  
11.9500

# Harmonies

## Analogous

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



191.2840, -21.4110, -2.9390



192.7840, -16.8270, 2.0930



194.2090, -7.6580, 6.6300

# Triad

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



192.7840, -16.8270, 2.0930



196.2690, 18.4760, 6.5720



191.3490, -2.8410, -9.0890

# Complementary

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



192.7840, -16.8270, 2.0930



200.2160, 16.8270, -2.0930

# 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.



192.4920, 7.0620, -6.8420



192.7840, -16.8270, 2.0930



195.5200, 19.0270, 2.0910

# Square

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



192.7840, -16.8270, 2.0930



196.3270, 12.5610, 9.1450



194.3190, 15.0390, -2.7290



190.3740, -13.1570, -9.3570



# Rectangle

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



192.7840, -16.8270, 2.0930



195.3840, -0.7810, 8.6510



194.3190, 15.0390, -2.7290



191.7300, 0.4600, -8.3400

# Sweetspot

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



192.7840, -16.8270, 2.0930



247.0040, -5.8230, 0.9050



201.7710, -15.9530, -13.7530



123.2600, -3.6680, 0.3960



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

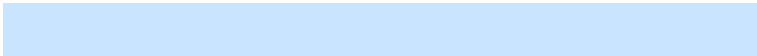


# Same Dimension

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



192.7840, -16.8270, 2.0930



223.0050, -24.7590, 2.6730



182.2180, -11.8770, 11.5070



100.7760, -5.1810, 0.2830



68.2150, -77.7160, 9.7720



17.2290, -19.5780, 2.3900



# Inverse Universe

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



191.1150, 16.2740, 13.4420



220.2240, 23.5170, 19.8450



210.7820, 11.8770, -11.5070



99.9730, 4.6300, 4.1980



60.5910, 75.2730, 62.0650

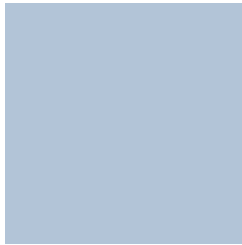


15.2510, 18.8870, 15.6470



# Previews

## White Background



This preview shows how the YIQ color 192.7840, -16.8270, 2.0930 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

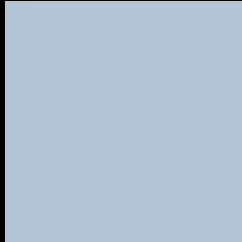
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 192.7840, -16.8270, 2.0930 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

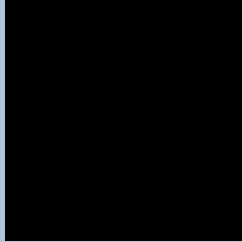
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

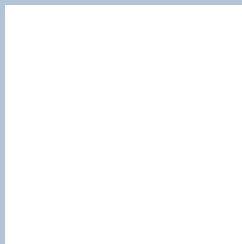
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 192.7840, -16.8270, 2.0930**

## **Background**



This preview shows how black text looks on a background with the YIQ color 192.7840, -16.8270, 2.0930.



This preview shows how white text looks on a background with the YIQ color 192.7840, -16.8270,



# 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

192.7840, -16.8270, 2.0930

### Protanopia

194.0950, -7.3370, 6.3190

### Deuteranopia

195.4920, -0.9650, 11.9870



## Tritanopia

192.1430, -16.4600, 0.9480

# Trichromacy



## Original Color

192.7840, -16.8270, 2.0930

## Protanomaly

193.3010, -10.9130, 5.0470

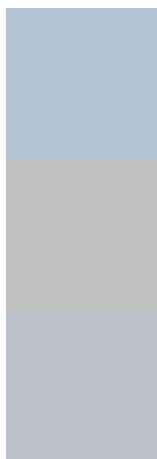
## Deuteranomaly

194.4480, -6.8330, 8.1990

## Tritanomaly

192.2570, -16.7810, 1.2590

# Monochromacy



## Original Color

192.7840, -16.8270, 2.0930

## Achromatopsia

193.0000, -0.0000, -0.0000

## Achromatomaly

193.0040, -5.8230, 0.9050

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 192.7840, -16.8270, 2.0930 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(178, 196, 215)` looks like.

```
.text, #text, p{  
    color:rgb(178, 196, 215)  
}
```

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(178, 196, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 196, 215) }
```

## Border

The CSS property to change the border of an element to YIQ 192.7840, -16.8270, 2.0930 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(178, 196, 215) }
```



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

```
.border{ border-color:rgb(178, 196, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 196, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 196, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 196, 215); box-shadow:4px 4px 4px 4px rgb(178, 196, 215) }
```

# Background

The CSS property to change the background color of an element to YIQ 192.7840, -16.8270, 2.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 196, 215) }
```

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

```
.background{ background-color: rgb(178,  
196, 215) }
```

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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