

Converting Colors

YIQ(195.0840, -8.8040, 5.3720)

Have a look what the booklet for
YIQ(195.0840, -8.8040, 5.3720)
contains.

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Color

**YIQ(195.0840, -8.8040,
5.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC2D6
RGB	190, 194, 214
RGB Percent	75%, 76%, 84%
CMY	0.2549, 0.2392, 0.1608
CMYK	0.11, 0.09, 0.00, 0.16
HSL	230°, 23%, 79%
HSV	230°, 11%, 84%
XYZ	52.6635, 54.3860, 71.3316
YIQ	195.0840, -8.8040, 5.3720

Conversions

Conversions Part 2

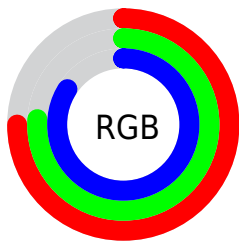
Format	Color
R _Y B	190, 193, 214
Decimal	12501718
CIE Lab	78.69, 2.54, -10.45
CIE LCh	79, 10.754, 283.664
Yxy	54.3860, 0.2952, 0.3049
Android (android.graphics.Color)	4290691798 (0xFFBEC2D6)
YUV	195.0840, 9.3256, -4.4587
Hunter-Lab	73.7468, -1.5880, -5.7254

Details

The YIQ color $195.0840, -8.8040, 5.3720$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $208.9160, 8.8040, -5.3720$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3740, -3.9890, 0.7070$, and $141.2690, -7.8870, 5.2730$ is the 20% darker color. If you saturate the color by 10%, you get $178.2390, -16.3700, 10.3340$, and if you desaturate by 10%, it is $211.9290, -1.2380, 0.4100$.

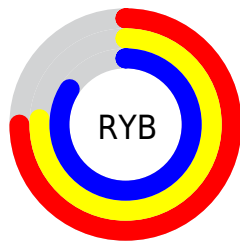
Distribution



Red (75%)

Green (76%)

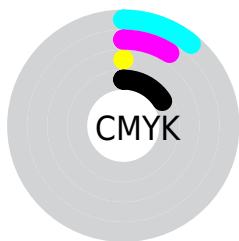
Blue (84%)



Red (75%)

Yellow (76%)

Blue (84%)

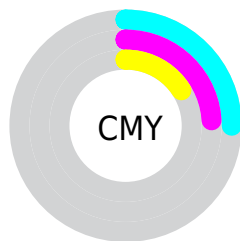


Cyan (11%)

Magenta (9%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (24%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.0840, -8.8040, 5.3720 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 195.0840, -8.8040, 5.3720 by changing the saturation by 10% instead.

■ 195.0840, -8.8040,
5.3720

■ 195.0840, -8.8040,
5.3720

255.0000, -0.0000,
-0.0000

■ 167.9700, -8.4830,
5.0610

■ 249.3740, -3.9890,
0.7070

■ 141.2690, -7.8870,
5.2730

■ 115.8560, -8.1620,
4.7500

■ 91.1550, -7.5660,
4.9620

■ 67.7420, -7.8410,
4.4390

■ 45.5140, -7.1990,
3.8170

■ 24.5140, -7.1990,

3.8170

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 195.0840, -8.8040,
5.3720

■ 195.0840, -8.8040,
5.3720

■ 178.2390,
-16.3700, 10.3340

■ 211.9290, -1.2380,
0.4100

■ 161.0950,
-24.5320, 15.0840

■ 229.0730, 6.9240,
-4.3400

■ 144.8370,
-32.3730, 19.5230

■ 245.3310, 14.7650,
-8.7790

■ 127.6930,
-40.5350, 24.2730

■ 250.3260, 13.1610,
-12.7510

■ 110.8480,
-48.1010, 29.2350

■ 94.0030, -55.6670,
34.1970

■ 76.8590, -63.8290,
38.9470

■ 60.0140, -71.3950,
43.9090

■ 45.5280, -78.5940,
47.7260

Harmonies

Analogous

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



193.2570, -16.7810, 1.2590



195.0840, -8.8040, 5.3720



196.3410, 0.7780, 7.9300

Triad

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



195.0840, -8.8040, 5.3720



195.8620, 18.0640, 3.0240



191.5700, -10.7730, -8.5090

Complementary

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



195.0840, -8.8040, 5.3720



208.9160, 8.8040, -5.3720

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.



192.6590, -0.7780, -7.9300



195.0840, -8.8040, 5.3720



194.9600, 14.6720, -1.5840

Square

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



195.0840, -8.8040, 5.3720



196.6000, 16.0460, 6.5580



193.6170, 8.2080, -5.5840



191.5030, -17.8340, -7.1940

Rectangle

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



195.0840, -8.8040, 5.3720



196.6900, 7.1050, 8.9050



193.6170, 8.2080, -5.5840



192.1250, -8.0220, -8.8060

Sweetspot

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



195.0840, -8.8040, 5.3720



249.0860, -3.1180, 1.4420



206.3680, -13.0200, -6.3320



123.2710, -2.2010, 1.3430



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.



195.0840, -8.8040, 5.3720



228.6970, -11.9680, 7.6480



195.1280, -2.9360, 9.1600



98.4280, -4.0810, 2.3750



36.5170, -62.8660, 38.0140



9.0110, -15.7280, 9.7120

Inverse Universe

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



197.6320, 13.0200, 6.3320



232.4370, 18.0630, 8.5510



208.8720, 2.9360, -9.1600



99.5170, 5.9140, 2.9540



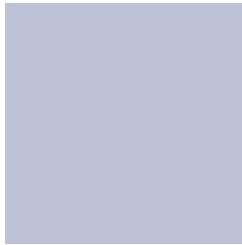
54.4350, 92.6070, 45.2710



13.6550, 23.3810, 11.2930

Previews

White Background



This preview shows how the YIQ color 195.0840, -8.8040, 5.3720 looks on a white background.

Color Contrast Check

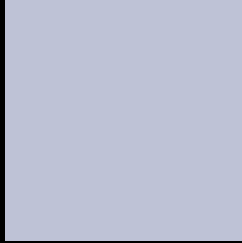
Large Text (above 18pt) WCAG AA × Fail

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 195.0840, -8.8040, 5.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

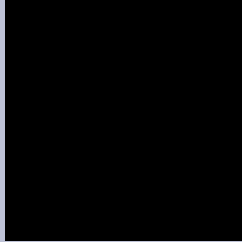
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.0840, -8.8040, 5.3720

Background



This preview shows how black text looks on a background with the YIQ color 195.0840, -8.8040, 5.3720.

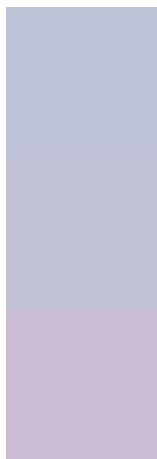


This preview shows how white text looks on a background with the YIQ color 195.0840, -8.8040,

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

195.0840, -8.8040, 5.3720

Protanopia

195.3940, -6.7410, 6.5310

Deuteranopia

196.4490, 0.5940, 11.2660



Tritanopia

194.9160, -8.3910, 3.3930

Trichromacy



Original Color

195.0840, -8.8040, 5.3720

Protanomaly

195.0950, -7.3370, 6.3190

Deuteranomaly

196.1280, -2.9360, 9.1600

Tritanomaly

195.0300, -8.7120, 3.7040

Monochromacy



Original Color

195.0840, -8.8040, 5.3720

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.2000, -3.4390, 1.7530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.0840, -8.8040, 5.3720 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(190, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(190, 194, 214)  
}
```

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(190, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 194, 214) }
```

Border

The CSS property to change the border of an element to YIQ 195.0840, -8.8040, 5.3720 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(190, 194, 214) }
```


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

```
.border{ border-color:rgb(190, 194, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(190, 194,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 195.0840, -8.8040, 5.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 194, 214) }
```

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

```
.background{ background-color: rgb(190,  
194, 214) }
```

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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