

Converting Colors

YIQ(194.5400, -10.0880, 6.6160)

Have a look what the booklet for
YIQ(194.5400, -10.0880, 6.6160)
contains.

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Color

**YIQ(194.5400, -10.0880,
6.6160)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC1D9
RGB	189, 193, 217
RGB Percent	74%, 76%, 85%
CMY	0.2588, 0.2431, 0.1491
CMYK	0.13, 0.11, 0.00, 0.15
HSL	231°, 27%, 80%
HSV	231°, 13%, 85%
XYZ	52.5794, 53.9687, 73.2812
YIQ	194.5400, -10.0880, 6.6160

Conversions

Conversions Part 2

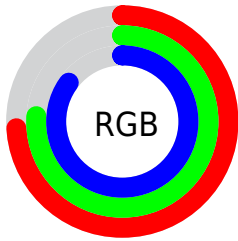
Format	Color
R_{YB}	189, 193, 217
Decimal	12435929
CIE _{Lab}	78.44, 3.37, -12.44
CIE _{LCh}	78, 12.884, 285.154
Yxy	53.9687, 0.2924, 0.3001
Android (android.graphics.Color)	4290626009 (0xFFBDC1D9)
YUV	194.5400, 11.0728, -4.8586
Hunter-Lab	73.4634, -0.8044, -7.7186

Details

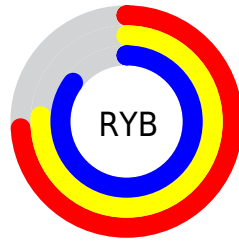
The YIQ color $194.5400, -10.0880, 6.6160$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $211.4600, 10.0880, -6.6160$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4880, -4.3100, 1.0180$, and $141.3120, -9.4460, 5.9940$ is the 20% darker color. If you saturate the color by 10%, you get $176.8090, -17.9750, 11.8890$, and if you desaturate by 10%, it is $212.2710, -2.2010, 1.3430$.

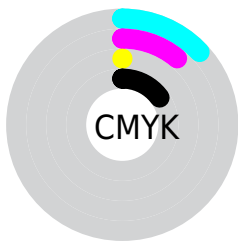
Distribution



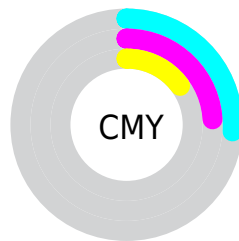
- Red (74%)
- Green (76%)
- Blue (85%)



- Red (74%)
- Yellow (76%)
- Blue (85%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.5400, -10.0880, 6.6160 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 194.5400, -10.0880, 6.6160 by changing the saturation by 10% instead.

■ 194.5400,
-10.0880, 6.6160

■ 194.5400,
-10.0880, 6.6160

■ 255.0000, -0.0000,
-0.0000

■ 167.4260, -9.7670,
6.3050

■ 248.4880, -4.3100,
1.0180

■ 141.3120, -9.4460,
5.9940

■ 115.3120, -9.4460,
5.9940

■ 90.8990, -9.7210,
5.4710

■ 67.0840, -8.8040,
5.3720

■ 44.9700, -8.4830,
5.0610

■ 24.1440, -9.0330,

4.0150

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 194.5400,
-10.0880, 6.6160

■ 194.5400,
-10.0880, 6.6160

■ 176.8090,
-17.9750, 11.8890

■ 212.2710, -2.2010,
1.3430

■ 159.9640,
-25.5410, 16.8510

■ 229.1160, 5.3650,
-3.6190

■ 142.2330,
-33.4280, 22.1240

■ 246.8470, 13.2520,
-8.8920

■ 125.0890,
-41.5900, 26.8740

■ 250.6680, 12.1980,
-11.8180

■ 107.6570,
-48.8810, 32.3590

■ 89.9260, -56.7680,
37.6320

■ 72.7820, -64.9300,
42.3820

■ 55.0510, -72.8170,
47.6550

■ 42.9350, -78.1820,
51.2740

Harmonies

Analogous

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



192.7020, -19.5320, 1.5560



194.5400, -10.0880, 6.6160



195.9930, 1.8780, 10.0220

Triad

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



194.5400, -10.0880, 6.6160



195.8300, 21.0900, 3.2500



190.5480, -13.7070, -10.4030

Complementary

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



194.5400, -10.0880, 6.6160



211.4600, 10.0880, -6.6160

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.



192.0070, -1.8780, -10.0220



194.5400, -10.0880, 6.6160



194.4010, 17.7440, -2.1920

Square

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



194.5400, -10.0880, 6.6160



196.3940, 19.6220, 7.8300



192.8620, 8.8960, -7.0400



189.8230, -21.7310, -8.1550

Rectangle

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



194.5400, -10.0880, 6.6160



196.4130, 9.4430, 10.5870



192.8620, 8.8960, -7.0400



190.7010, -9.7640, -10.2760

Sweetspot

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



194.5400, -10.0880, 6.6160



246.7270, -3.4850, 2.5870



208.1720, -15.4040, -7.1800



122.3850, -2.5220, 1.6540



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.



194.5400, -10.0880, 6.6160



224.2670, -13.5730, 9.2030



195.1820, -3.0280, 10.8280



100.8410, -3.8060, 2.8980



34.3970, -62.4080, 40.7280



9.3530, -16.6910, 10.6450

Inverse Universe

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



197.8280, 15.4040, 7.1800



228.9320, 21.0430, 9.6110



210.8180, 3.0280, -10.8280



102.4030, 6.2350, 2.6430



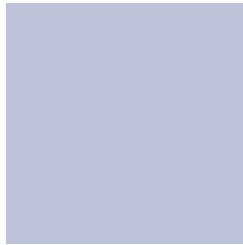
54.5770, 95.0830, 44.4510



14.5520, 25.1690, 11.9290

Previews

White Background



This preview shows how the YIQ color 194.5400, -10.0880, 6.6160 looks on a white background.

Color Contrast Check

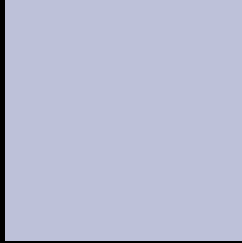
Large Text (above 18pt) WCAG AA × Fail

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 194.5400, -10.0880, 6.6160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

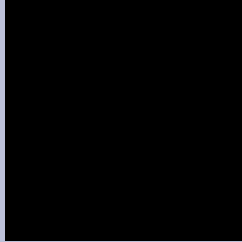
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.5400, -10.0880, 6.6160

Background



This preview shows how black text looks on a background with the YIQ color 194.5400, -10.0880, 6.6160.

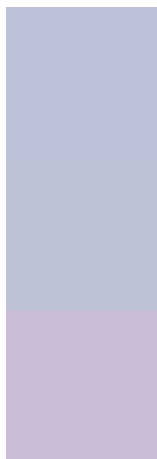


This preview shows how white text looks on a background with the YIQ color 194.5400, -10.0880,

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

194.5400, -10.0880, 6.6160

Protanopia

195.1380, -8.8960, 7.0400

Deuteranopia

196.1930, -1.5610, 11.7750



Tritanopia

194.0300, -8.7120, 3.7040

Trichromacy



Original Color

194.5400, -10.0880, 6.6160

Protanomaly

194.8390, -9.4920, 6.8280

Deuteranomaly

195.2850, -4.8160, 10.1920

Tritanomaly

194.3720, -9.6750, 4.6370

Monochromacy



Original Color

194.5400, -10.0880, 6.6160

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.7270, -3.4850, 2.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.5400, -10.0880, 6.6160 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(189, 193, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 193, 217)  
}
```

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(189, 193, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 193, 217) }
```

Border

The CSS property to change the border of an element to YIQ 194.5400, -10.0880, 6.6160 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(189, 193, 217) }
```


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

```
.border{ border-color:rgb(189, 193, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 193, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 193, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 193, 217);  
box-shadow:4px 4px 4px 4px rgb(189, 193,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 194.5400, -10.0880, 6.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 193, 217) }
```

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

```
.background{ background-color: rgb(189,  
193, 217) }
```

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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