

Converting Colors

YIQ(195.4970, -8.5290, 5.8950)

Have a look what the booklet for
YIQ(195.4970, -8.5290, 5.8950)
contains.

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Color

**YIQ(195.4970, -8.5290,
5.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC2D7
RGB	191, 194, 215
RGB Percent	75%, 76%, 84%
CMY	0.2510, 0.2392, 0.1569
CMYK	0.11, 0.10, 0.00, 0.16
HSL	232°, 23%, 80%
HSV	232°, 11%, 84%
XYZ	53.0424, 54.5664, 72.0181
YIQ	195.4970, -8.5290, 5.8950

Conversions

Conversions Part 2

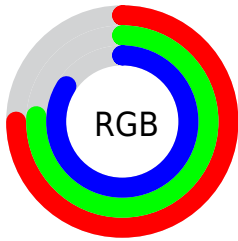
Format	Color
R _Y B	191, 194, 215
Decimal	12567255
CIE Lab	78.79, 3.07, -10.82
CIE LCh	79, 11.252, 285.845
Yxy	54.5664, 0.2953, 0.3038
Android (android.graphics.Color)	4290757335 (0xFFBFC2D7)
YUV	195.4970, 9.6150, -3.9439
Hunter-Lab	73.8690, -1.0971, -6.0960

Details

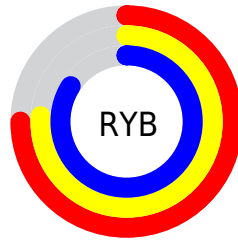
The YIQ color $195.4970, -8.5290, 5.8950$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.5030, 8.5290, -5.8950$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6730, -3.3930, 0.9190$, and $141.3830, -8.2080, 5.5840$ is the 20% darker color. If you saturate the color by 10%, you get $178.0650, -15.8200, 11.3800$, and if you desaturate by 10%, it is $213.2280, -0.6420, 0.6220$.

Distribution



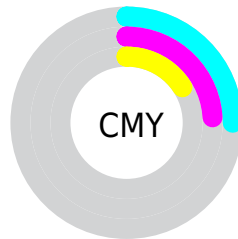
- Red (75%)
- Green (76%)
- Blue (84%)



- Red (75%)
- Yellow (76%)
- Blue (84%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.4970, -8.5290, 5.8950 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 195.4970, -8.5290, 5.8950 by changing the saturation by 10% instead.

■ 195.4970, -8.5290,
5.8950

■ 195.4970, -8.5290,
5.8950

■ 255.0000, -0.0000,
-0.0000

■ 168.3830, -8.2080,
5.5840

■ 249.6730, -3.3930,
0.9190

■ 141.3830, -8.2080,
5.5840

■ 116.2690, -7.8870,
5.2730

■ 91.2690, -7.8870,
5.2730

■ 68.0410, -7.2450,
4.6510

■ 45.9270, -6.9240,
4.3400

■ 24.8130, -6.6030,

4.0290

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 195.4970, -8.5290,
5.8950

■ 195.4970, -8.5290,
5.8950

■ 178.0650,
-15.8200, 11.3800

■ 213.2280, -0.6420,
0.6220

■ 160.3340,
-23.7070, 16.6530

■ 230.6600, 6.6490,
-4.8630

■ 143.4890,
-31.2730, 21.6150

■ 247.5050, 14.2150,
-9.8250

■ 125.7580,
-39.1600, 26.8880

■ 250.4400, 12.8400,
-12.4400

■ 108.3260,
-46.4510, 32.3730

■ 90.5950, -54.3380,
37.6460

■ 73.1630, -61.6290,
43.1310

■ 56.0190, -69.7910,
47.8810

■ 40.3590, -76.4400,
52.7440

Harmonies

Analogous

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



193.6700, -16.5060, 1.7820



195.4970, -8.5290, 5.8950



197.0530, 1.6490, 8.6650

Triad

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



195.4970, -8.5290, 5.8950



196.6340, 18.7060, 2.4020



191.9720, -11.9650, -8.9330

Complementary

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



195.4970, -8.5290, 5.8950



210.5030, 8.5290, -5.8950

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.



192.9470, -1.6490, -8.6650



195.4970, -8.5290, 5.8950



195.7320, 15.3140, -2.2060

Square

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



195.4970, -8.5290, 5.8950



197.1980, 17.2380, 6.9820



194.2040, 7.9330, -6.1070



191.3180, -18.7510, -7.0950

Rectangle

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



195.4970, -8.5290, 5.8950



197.2880, 8.2970, 9.3290



194.2040, 7.9330, -6.1070



191.8260, -8.6180, -9.0180

Sweetspot

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



195.4970, -8.5290, 5.8950



248.4990, -2.8430, 1.9650



207.4820, -13.3410, -6.0210



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.



195.4970, -8.5290, 5.8950



228.1100, -11.6930, 8.1710



196.4270, -2.3400, 9.3720



98.4280, -4.0810, 2.3750



31.8210, -60.6660, 42.1980



7.8370, -15.1780, 10.7580

Inverse Universe

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



198.5180, 13.3410, 6.0210



232.3230, 18.3840, 8.2400



209.5730, 2.3400, -9.3720



99.5170, 5.9140, 2.9540



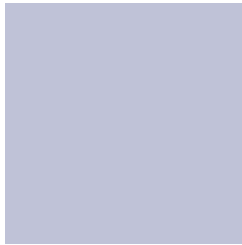
53.5230, 95.1750, 42.7830



13.4270, 24.0230, 10.6710

Previews

White Background



This preview shows how the YIQ color 195.4970, -8.5290, 5.8950 looks on a white background.

Color Contrast Check

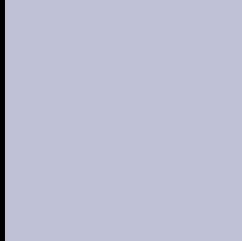
Large Text (above 18pt) WCAG AA × Fail

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 195.4970, -8.5290, 5.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

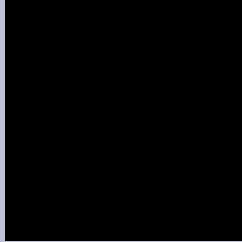
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.4970, -8.5290, 5.8950

Background



This preview shows how black text looks on a background with the YIQ color 195.4970, -8.5290, 5.8950.

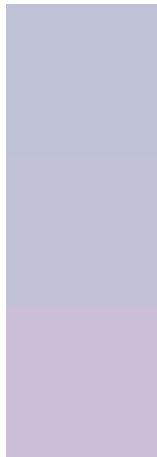


This preview shows how white text looks on a background with the YIQ color 195.4970, -8.5290,

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

195.4970, -8.5290, 5.8950

Protanopia

196.0950, -7.3370, 6.3190

Deuteranopia

197.1500, -0.0020, 11.0540



Tritanopia

195.2150, -7.7950, 3.6050

Trichromacy



Original Color

195.4970, -8.5290, 5.8950

Protanomaly

195.7960, -7.9330, 6.1070

Deuteranomaly

196.2420, -3.2570, 9.4710

Tritanomaly

195.4430, -8.4370, 4.2270

Monochromacy



Original Color

195.4970, -8.5290, 5.8950

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.4990, -2.8430, 1.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.4970, -8.5290, 5.8950 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(191, 194, 215)` looks like.

```
.text, #text, p{  
    color:rgb(191, 194, 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(191, 194, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 215) }
```

Border

The CSS property to change the border of an element to YIQ 195.4970, -8.5290, 5.8950 is called "border". The border property can be set on classes, ids or directly on the HTML element.

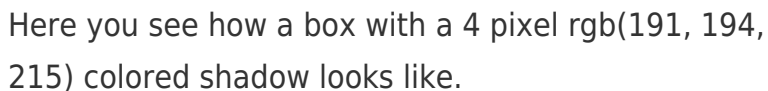
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 194, 215) }
```


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

```
.border{ border-color:rgb(191, 194, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 194, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 194, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 194, 215); box-shadow:4px 4px 4px 4px rgb(191, 194, 215) }
```

Background

The CSS property to change the background color of an element to YIQ 195.4970, -8.5290, 5.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 215) }
```

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

```
.background{ background-color: rgb(191,  
194, 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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