

Converting Colors

YIQ(205.9820, -8.7570, -0.9890)

Have a look what the booklet for
YIQ(205.9820, -8.7570, -0.9890)
contains.

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Color

**YIQ(205.9820, -8.7570,
-0.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D1D6
RGB	197, 209, 214
RGB Percent	77%, 82%, 84%
CMY	0.2275, 0.1804, 0.1608
CMYK	0.08, 0.02, 0.00, 0.16
HSL	198°, 17%, 81%
HSV	198°, 8%, 84%
XYZ	57.9623, 62.3274, 72.5872
YIQ	205.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

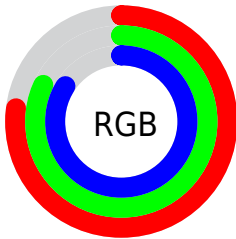
Format	Color
R _Y B	197, 204, 214
Decimal	12964310
CIE Lab	83.09, -3.09, -3.87
CIE LCh	83, 4.958, 231.396
Yxy	62.3274, 0.3005, 0.3231
Android (android.graphics.Color)	4291154390 (0xFFC5D1D6)
YUV	205.9820, 3.9529, -7.8772
Hunter-Lab	78.9477, -7.1062, 0.7502

Details

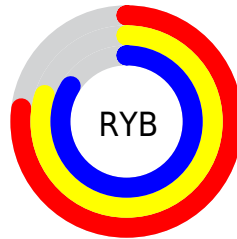
The YIQ color $205.9820, -8.7570, -0.9890$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $205.0180, 8.7570, 0.9890$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, -0.5960, -0.2120$, and $151.8680, -8.4360, -1.3000$ is the 20% darker color. If you saturate the color by 10%, you get $196.1810, -19.6230, -2.3030$, and if you desaturate by 10%, it is $215.7830, 2.1090, 0.3250$.

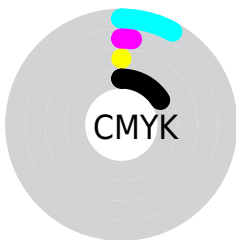
Distribution



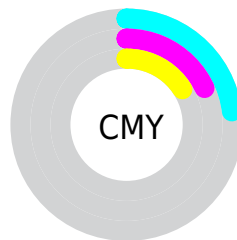
- Red (77%)
- Green (82%)
- Blue (84%)



- Red (77%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.9820, -8.7570, -0.9890 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 205.9820, -8.7570, -0.9890 by changing the saturation by 10% instead.

■ 205.9820, -8.7570,
-0.9890

■ 205.9820, -8.7570,
-0.9890

255.0000, -0.0000,
-0.0000

■ 178.2810, -8.1610,
-0.7770

254.7010, -0.5960,
-0.2120

■ 151.8680, -8.4360,
-1.3000

■ 126.1670, -7.8400,
-1.0880

■ 101.1670, -7.8400,
-1.0880

■ 77.1670, -7.8400,
-1.0880

■ 54.4660, -7.2440,
-0.8760

■ 32.7650, -6.6480,

-0.6640

■ 10.2700, -9.6280,
-1.7240

■ 0.0000, 0.0000,
0.0000

■ 205.9820, -8.7570,
-0.9890

■ 205.9820, -8.7570,
-0.9890

■ 196.1810,
-19.6230, -2.3030

■ 215.7830, 2.1090,
0.3250

■ 185.4940,
-30.8100, -3.3060

■ 226.4700, 13.2960,
1.3280

■ 175.6930,
-41.6760, -4.6200

■ 234.4770, 20.5860,
1.3700

■ 165.5930,
-53.1380, -6.1460

■ 237.9990, 18.9360,
-1.7680

■ 155.7920,
-64.0040, -7.4600

■ 241.5210, 17.2860,
-4.9060

■ 145.4040,
-74.5950, -8.2510

■ 245.6300, 15.3610,
-8.5670

■ 135.3040,
-86.0570, -9.7770

■ 249.1520, 13.7110,
-11.7050

■ 125.5030,
-96.9230, -11.0910

■ 250.3260, 13.1610,
-12.7510

■ 115.4030,
-108.3850, -12.6170

Harmonies

Analogous

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



205.8140, -8.3440, -2.9680



205.9820, -8.7570, -0.9890



206.8190, -6.7400, 1.0040

Triad

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



205.9820, -8.7570, -0.9890



208.0440, 5.8680, 3.7880



206.5610, 2.6140, -3.3220

Complementary

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



205.9820, -8.7570, -0.9890



205.0180, 8.7570, 0.9890

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.



206.8820, 6.1440, -1.2160



205.9820, -8.7570, -0.9890



207.8870, 7.7480, 2.7560

Square

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



205.9820, -8.7570, -0.9890



208.0050, 1.6040, 3.9720



207.7190, 8.1610, 0.7770



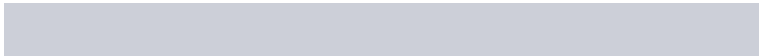
205.9950, -1.6040, -3.9720

Rectangle

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



205.9820, -8.7570, -0.9890



207.1290, -4.6770, 2.1630



207.7190, 8.1610, 0.7770



206.5720, 4.0810, -2.3750

Sweetspot

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



205.9820, -8.7570, -0.9890



252.9180, -2.7050, -0.5370



207.5490, -6.2800, -7.3360



126.5160, -1.5130, -0.1130



0.0000, 0.0000, 0.0000



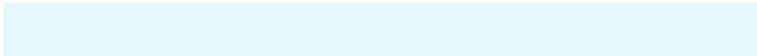
128.0000, -0.0000, -0.0000

Same Dimension

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



205.9820, -8.7570, -0.9890



243.4160, -12.9750, -1.6390



201.2860, -6.5570, 3.1950



101.9500, -5.7310, -0.7630



90.5210, -88.1660, -10.1020



23.0990, -22.3280, -2.8400

Inverse Universe

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



203.4510, 6.2800, 7.3360



239.5270, 9.1220, 10.8980



209.7140, 6.5570, -3.1950



100.2010, 3.9880, 4.8200



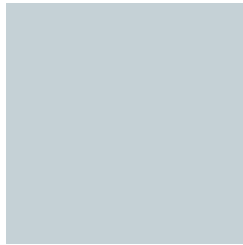
64.9230, 63.0750, 73.8830



16.3910, 15.6770, 18.7570

Previews

White Background



This preview shows how the YIQ color 205.9820, -8.7570, -0.9890 looks on a white background.

Color Contrast Check

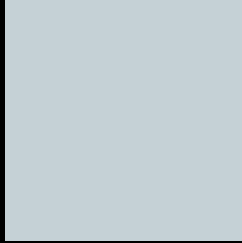
Large Text (above 18pt) WCAG AA × Fail

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 205.9820, -8.7570, -0.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

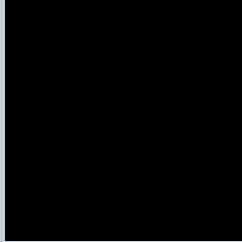
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

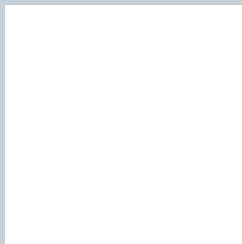
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 205.9820, -8.7570, -0.9890

Background



This preview shows how black text looks on a background with the YIQ color 205.9820, -8.7570, -0.9890.



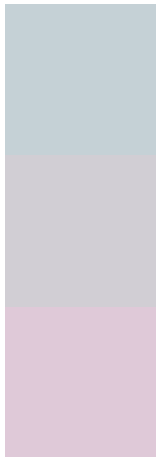
This preview shows how white text looks on a background with the YIQ color 205.9820, -8.7570,

-0.9890.

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

205.9820, -8.7570, -0.9890

Protanopia

207.5810, -0.1380, 2.5020

Deuteranopia

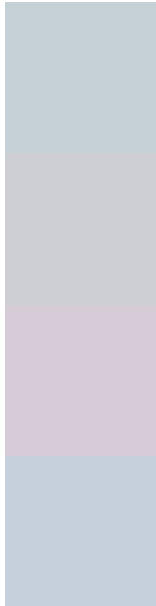
209.2880, 8.2970, 9.3290



Tritanopia

206.5460, -10.2250, 3.5910

Trichromacy



Original Color

205.9820, -8.7570, -0.9890

Protanomaly

207.0860, -3.1180, 1.4420

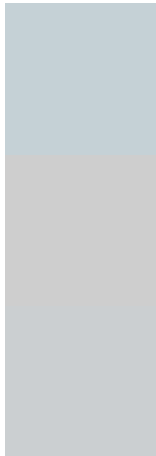
Deuteranomaly

208.2440, 2.4290, 5.5410

Tritanomaly

206.3780, -9.8120, 1.6120

Monochromacy



Original Color

205.9820, -8.7570, -0.9890

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.9820, -8.7570, -0.9890 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(197, 209, 214)` looks like.

```
.text, #text, p{  
    color:rgb(197, 209, 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(197, 209, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 209, 214) }
```

Border

The CSS property to change the border of an element to YIQ 205.9820, -8.7570, -0.9890 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(197, 209, 214) }
```


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

```
.border{ border-color:rgb(197, 209, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 209, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 209, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 209, 214);  
box-shadow:4px 4px 4px 4px rgb(197, 209,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 205.9820, -8.7570, -0.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 209, 214) }
```

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

```
.background{ background-color: rgb(197,  
209, 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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