

Converting Colors

YIQ(211.1580, -3.6210, -5.9650)

Have a look what the booklet for
YIQ(211.1580, -3.6210, -5.9650)
contains.

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Color

**YIQ(211.1580, -3.6210,
-5.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD8CD
RGB	204, 216, 205
RGB Percent	80%, 85%, 80%
CMY	0.2000, 0.1529, 0.1961
CMYK	0.06, 0.00, 0.05, 0.15
HSL	125°, 13%, 82%
HSV	125°, 6%, 85%
XYZ	60.4758, 66.3581, 67.3776
YIQ	211.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

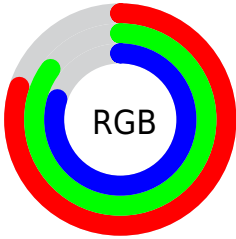
Format	Color
RYB	204, 215, 216
Decimal	13424845
CIELab	85.18, -6.07, 4.02
CIELCh	85, 7.275, 146.502
Yxy	66.3581, 0.3114, 0.3417
Android (android.graphics.Color)	4291614925 (0xFFCCD8CD)
YUV	211.1580, -3.0359, -6.2776
Hunter-Lab	81.4605, -10.0385, 7.9824

Details

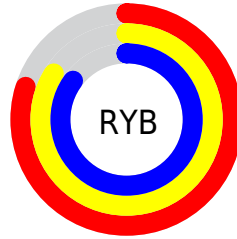
The YIQ color **211.1580, -3.6210, -5.9650** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208.8420, 3.6210, 5.9650**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **156.5710, -3.3460, -5.4420** is the 20% darker color. If you saturate the color by 10%, you get **202.3000, -10.3130, -16.8490**, and if you desaturate by 10%, it is **220.0160, 3.0710, 4.9190**.

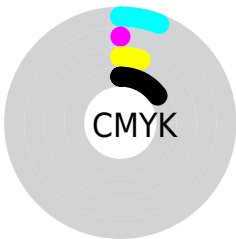
Distribution



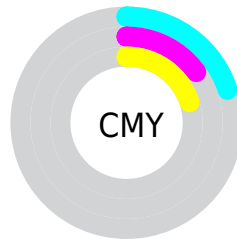
- Red (80%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (84%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.1580, -3.6210, -5.9650 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 211.1580, -3.6210, -5.9650 by changing the saturation by 10% instead.

■ 211.1580, -3.6210,
-5.9650

■ 211.1580, -3.6210,
-5.9650

255.0000, -0.0000,
-0.0000

■ 183.5710, -3.3460,
-5.4420

■ 156.5710, -3.3460,
-5.4420

■ 130.5710, -3.3460,
-5.4420

■ 105.5710, -3.3460,
-5.4420

■ 80.9840, -3.0710,
-4.9190

■ 58.3970, -2.7960,
-4.3960

■ 36.3970, -2.7960,

-4.3960

■ 15.1580, -3.6210,
-5.9650

■ 0.0000, 0.0000,
0.0000

■ 211.1580, -3.6210,
-5.9650

■ 211.1580, -3.6210,
-5.9650

■ 202.3000,
-10.3130, -16.8490

■ 220.0160, 3.0710,
4.9190

■ 193.7410,
-16.4090, -27.5210

■ 228.5750, 9.1670,
15.5910

■ 184.9970,
-23.4220, -38.0940

■ 232.1070, 10.7250,
20.3970

■ 176.4380,
-29.5180, -48.7660

■ 167.5800,
-36.2100, -59.6500

■ 158.7220,
-42.9020, -70.5340

■ 150.1630,
-48.9980, -81.2060

■ 141.4190,
-56.0110, -91.7790

■ 132.8600,
-62.1070, -102.4510

Harmonies

Analogous

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



211.8060, 3.3020, -4.7780



211.1580, -3.6210, -5.9650



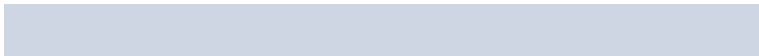
210.7490, -9.7190, -5.5830

Triad

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



211.1580, -3.6210, -5.9650



212.6770, -9.2160, 1.8240



214.4530, 11.9660, 3.4060

Complementary

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



211.1580, -3.6210, -5.9650



208.8420, 3.6210, 5.9650

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.



214.3650, 9.3980, 5.8940



211.1580, -3.6210, -5.9650



213.1940, -3.3020, 4.7780

Square

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



211.1580, -3.6210, -5.9650



211.8290, -12.7000, -1.1160



213.8420, 3.6210, 5.9650



213.8720, 12.1040, 0.9040

Rectangle

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



211.1580, -3.6210, -5.9650



210.6070, -12.1950, -4.7630



213.8420, 3.6210, 5.9650



214.0940, 11.5990, 4.5510

Sweetspot

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



211.1580, -3.6210, -5.9650



252.9350, -1.3750, -2.6150



214.3330, 3.2560, -3.9440



126.7610, -0.8250, -1.5690



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.



211.1580, -3.6210, -5.9650



247.7940, -5.5920, -8.7920



211.8420, -5.5470, -4.0990



103.6960, -2.2000, -4.1840



101.9730, -51.5190, -85.0790



25.6970, -13.1090, -21.2450

Inverse Universe

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



208.8420, 3.6210, 5.9650



244.3200, 5.2710, 9.1030



208.1580, 5.5470, 4.0990



102.1900, 2.5210, 3.8730



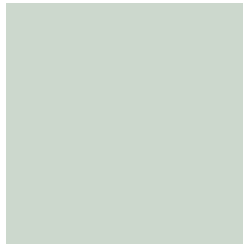
69.0270, 51.5190, 85.0790



17.4170, 12.7880, 21.5560

Previews

White Background



This preview shows how the YIQ color 211.1580, -3.6210, -5.9650 looks on a white background.

Color Contrast Check

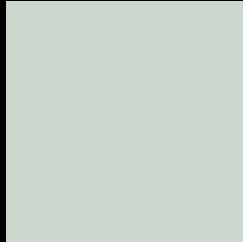
Large Text (above 18pt) WCAG AA × Fail

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 211.1580, -3.6210, -5.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

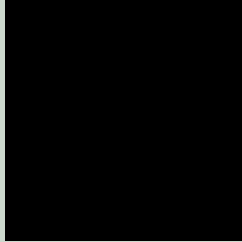
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

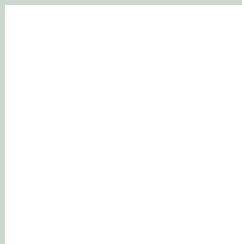
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.1580, -3.6210, -5.9650

Background



This preview shows how black text looks on a background with the YIQ color 211.1580, -3.6210, -5.9650.



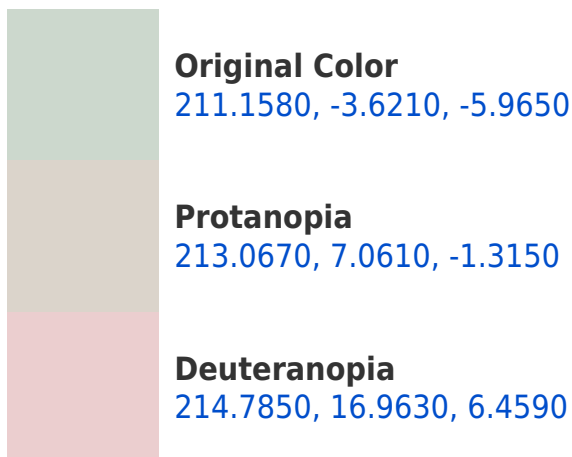
This preview shows how white text looks on a background with the YIQ color 211.1580, -3.6210, -5.9650.

-5.9650.

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





Tritanopia

212.7420, -7.8410, 4.4390

Trichromacy



Original Color

211.1580, -3.6210, -5.9650

Protanomaly

212.2730, 3.4850, -2.5870

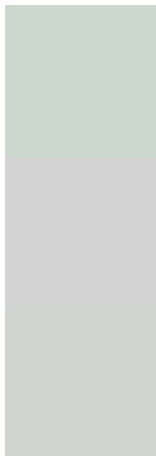
Deuteranomaly

213.7300, 9.6280, 1.7240

Tritanomaly

212.0040, -5.8230, 0.9050

Monochromacy



Original Color

211.1580, -3.6210, -5.9650

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.0490, -1.6960, -2.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.1580, -3.6210, -5.9650 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(204, 216, 205)` looks like.

```
.text, #text, p{  
    color:rgb(204, 216, 205)  
}
```

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(204, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 216, 205) }
```

Border

The CSS property to change the border of an element to YIQ 211.1580, -3.6210, -5.9650 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(204, 216, 205) }
```


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

```
.border{ border-color:rgb(204, 216, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(204, 216,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 211.1580, -3.6210, -5.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 216, 205) }
```

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

```
.background{ background-color: rgb(204,  
216, 205) }
```

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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