

Converting Colors

YIQ(208.6110, -8.8500, 6.2060)

Have a look what the booklet for
YIQ(208.6110, -8.8500, 6.2060)
contains.

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Color

**YIQ(208.6110, -8.8500,
6.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCFE5
RGB	204, 207, 229
RGB Percent	80%, 81%, 90%
CMY	0.2000, 0.1882, 0.1020
CMYK	0.11, 0.10, 0.00, 0.10
HSL	233°, 32%, 85%
HSV	233°, 11%, 90%
XYZ	61.3564, 63.1203, 83.0686
YIQ	208.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

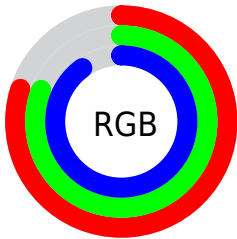
Format	Color
R _Y B	204, 207, 229
Decimal	13422565
CIE Lab	83.51, 3.22, -11.19
CIE LCh	84, 11.643, 286.069
Yxy	63.1203, 0.2956, 0.3041
Android (android.graphics.Color)	4291612645 (0xFFCCCCFE5)
YUV	208.6110, 10.0518, -4.0438
Hunter-Lab	79.4483, -1.1822, -6.3780

Details

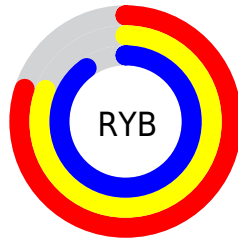
The YIQ color **208.6110, -8.8500, 6.2060** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224.3890, 8.8500, -6.2060**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **154.4970, -8.5290, 5.8950** is the 20% darker color. If you saturate the color by 10%, you get **189.9940, -17.0580, 11.7900**, and if you desaturate by 10%, it is **227.2280, -0.6420, 0.6220**.

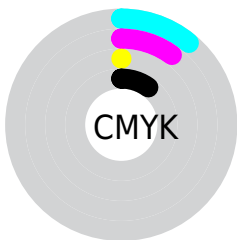
Distribution



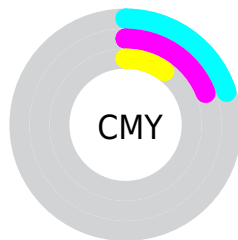
- Red (80%)
- Green (81%)
- Blue (90%)



- Red (80%)
- Yellow (81%)
- Blue (90%)



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



- Cyan (20%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.6110, -8.8500, 6.2060 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 208.6110, -8.8500, 6.2060 by changing the saturation by 10% instead.

■ 208.6110, -8.8500,
6.2060

■ 208.6110, -8.8500,
6.2060

255.0000, -0.0000,
-0.0000

■ 180.6110, -8.8500,
6.2060

■ 154.4970, -8.5290,
5.8950

■ 128.3830, -8.2080,
5.5840

■ 103.2690, -7.8870,
5.2730

■ 79.1550, -7.5660,
4.9620

■ 56.1550, -7.5660,
4.9620

■ 34.6280, -7.5200,

4.1280

■ 12.1550, -7.5660,
4.9620

■ 0.0000, 0.0000,
0.0000

■ 208.6110, -8.8500,
6.2060

■ 208.6110, -8.8500,
6.2060

■ 189.9940,
-17.0580, 11.7900

■ 227.2280, -0.6420,
0.6220

■ 171.3770,
-25.2660, 17.3740

■ 245.8450, 7.5660,
-4.9620

■ 152.7600,
-33.4740, 22.9580

■ 252.0360, 8.3460,
-8.0860

■ 133.5560,
-41.4070, 29.0650

■ 115.2380,
-49.0190, 34.8610

■ 96.6210, -57.2270,
40.4450

■ 78.0040, -65.4350,
46.0290

■ 59.3870, -73.6430,
51.6130

■ 42.5420, -81.2090,
56.5750

Harmonies

Analogous

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



207.0720, -17.6980, 1.3580



208.6110, -8.8500, 6.2060



210.0530, 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.



208.6110, -8.8500, 6.2060



209.3460, 19.5770, 3.1370



204.5590, -12.2400, -9.4560

Complementary

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



208.6110, -8.8500, 6.2060



224.3890, 8.8500, -6.2060

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.



205.6480, -2.2450, -8.8770



208.6110, -8.8500, 6.2060



208.6180, 15.6350, -2.5170

Square

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



208.6110, -8.8500, 6.2060



210.3830, 18.1550, 6.8830



207.0900, 8.2540, -6.4180



204.7200, -19.9430, -7.5190

Rectangle

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



208.6110, -8.8500, 6.2060



210.5870, 8.8930, 9.5410



207.0900, 8.2540, -6.4180



205.1140, -9.4890, -9.7530

Sweetspot

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



208.6110, -8.8500, 6.2060



248.4990, -2.8430, 1.9650



221.1830, -13.9370, -6.2330



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.



208.6110, -8.8500, 6.2060



228.1100, -11.6930, 8.1710



209.5410, -2.6610, 9.6830



105.5420, -4.4020, 2.6860



32.7330, -63.2340, 44.6860



9.3360, -18.0210, 12.7230

Inverse Universe

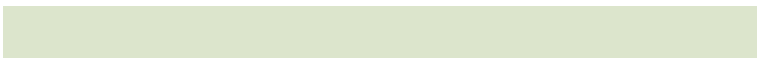
The Inverse Universe completely reimagines the original color for something new.



211.8170, 13.9370, 6.2330



232.3230, 18.3840, 8.2400



223.4590, 2.6610, -9.6830



106.8160, 6.5100, 3.1660



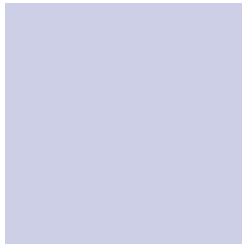
55.9150, 99.9430, 44.4790



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 208.6110, -8.8500, 6.2060 looks on a white background.

Color Contrast Check

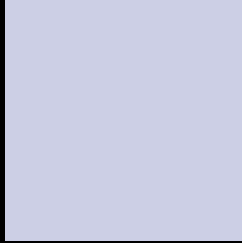
Large Text (above 18pt) WCAG AA × Fail

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 208.6110, -8.8500, 6.2060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

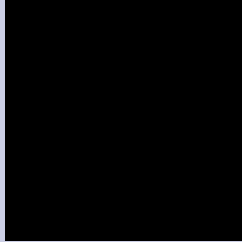
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.6110, -8.8500, 6.2060

Background



This preview shows how black text looks on a background with the YIQ color 208.6110, -8.8500, 6.2060.

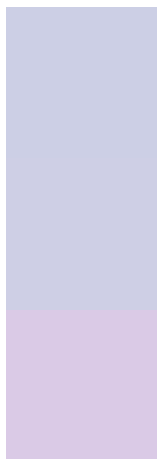


This preview shows how white text looks on a background with the YIQ color 208.6110, -8.8500,

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

208.6110, -8.8500, 6.2060

Protanopia

209.2090, -7.6580, 6.6300

Deuteranopia

209.9760, 0.5480, 12.1000



Tritanopia

208.3290, -8.1160, 3.9160

Trichromacy



Original Color

208.6110, -8.8500, 6.2060

Protanomaly

208.9100, -8.2540, 6.4180

Deuteranomaly

209.6550, -2.9820, 9.9940

Tritanomaly

208.5570, -8.7580, 4.5380

Monochromacy



Original Color

208.6110, -8.8500, 6.2060

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.6130, -3.1640, 2.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.6110, -8.8500, 6.2060 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, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(204, 207, 229)  
}
```

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, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 229) }
```

Border

The CSS property to change the border of an element to YIQ 208.6110, -8.8500, 6.2060 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, 207, 229) }
```


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

```
.border{ border-color:rgb(204, 207, 229) }
```

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

Here you see how a box with a 4 pixel rgb(204, 207, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 229);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 208.6110, -8.8500, 6.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 207, 229) }
```

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

```
.background{ background-color: rgb(204,  
207, 229) }
```

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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