

Converting Colors

YIQ(208.5060, -4.7210, -8.0570)

Have a look what the booklet for
YIQ(208.5060, -4.7210, -8.0570)
contains.

YIQ(208.5060, -4.7210, -8.0570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(208.5060, -4.7210,
-8.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D7C8
RGB	199, 215, 200
RGB Percent	78%, 84%, 78%
CMY	0.2196, 0.1568, 0.2157
CMYK	0.07, 0.00, 0.07, 0.16
HSL	124°, 17%, 81%
HSV	124°, 7%, 84%
XYZ	58.2772, 64.9148, 64.1007
YIQ	208.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

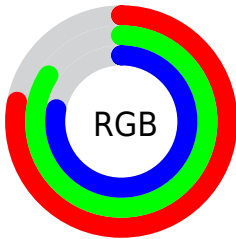
Format	Color
R_{YB}	199, 214, 215
Decimal	13096904
CIE Lab	84.44, -8.16, 5.55
CIE LCh	84, 9.866, 145.769
Yxy	64.9148, 0.3112, 0.3466
Android (android.graphics.Color)	4291286984 (0xFFC7D7C8)
YUV	208.5060, -4.1935, -8.3368
Hunter-Lab	80.5697, -11.8854, 9.2281

Details

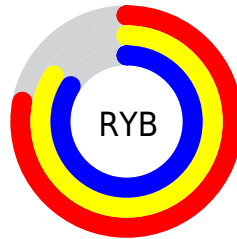
The YIQ color **208.5060, -4.7210, -8.0570** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205.4940, 4.7210, 8.0570**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **153.9190, -4.4460, -7.5340** is the 20% darker color. If you saturate the color by 10%, you get **199.6480, -11.4130, -18.9410**, and if you desaturate by 10%, it is **217.0650, 1.3750, 2.6150**.

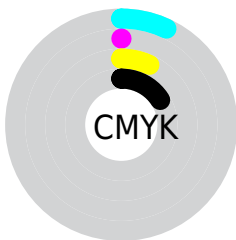
Distribution



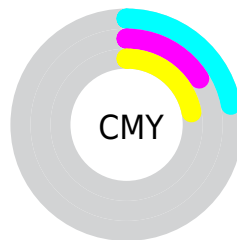
- Red (78%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.5060, -4.7210, -8.0570 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 208.5060, -4.7210, -8.0570 by changing the saturation by 10% instead.

■ 208.5060, -4.7210,
-8.0570

■ 208.5060, -4.7210,
-8.0570

255.0000, -0.0000,
-0.0000

■ 180.9190, -4.4460,
-7.5340

■ 153.9190, -4.4460,
-7.5340

■ 127.9190, -4.4460,
-7.5340

■ 103.3320, -4.1710,
-7.0110

■ 79.3320, -4.1710,
-7.0110

■ 55.8590, -4.2170,
-6.1770

■ 34.8590, -4.2170,

-6.1770

■ 11.6800, -5.2710,
-9.1030

■ 0.0000, 0.0000,
0.0000

■ 208.5060, -4.7210,
-8.0570

■ 208.5060, -4.7210,
-8.0570

■ 199.6480,
-11.4130, -18.9410

■ 217.0650, 1.3750,
2.6150

■ 191.0890,
-17.5090, -29.6130

■ 225.9230, 8.0670,
13.4990

■ 182.2310,
-24.2010, -40.4970

■ 231.5200, 11.0000,
20.9200

■ 173.5580,
-29.9760, -51.4800

■ 164.7000,
-36.6680, -62.3640

■ 156.1410,
-42.7640, -73.0360

■ 147.2830,
-49.4560, -83.9200

■ 138.7240,
-55.5520, -94.5920

■ 129.8660,
-62.2440, -105.4760

Harmonies

Analogous

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



209.9370, 4.3110, -6.5450



208.5060, -4.7210, -8.0570



207.7270, -12.6530, -7.4770

Triad

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



208.5060, -4.7210, -8.0570



210.3500, -12.6090, 2.7430



212.5460, 16.1380, 4.8900

Complementary

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



208.5060, -4.7210, -8.0570



205.4940, 4.7210, 8.0570

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.



212.9740, 12.0570, 7.2650



208.5060, -4.7210, -8.0570



211.6500, -4.5860, 6.0220

Square

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



208.5060, -4.7210, -8.0570



209.0780, -17.8350, -1.6670



212.4940, 4.7210, 8.0570



212.0250, 16.0470, 1.0310

Rectangle

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



208.5060, -4.7210, -8.0570



207.5140, -16.3670, -6.2470



212.4940, 4.7210, 8.0570



212.8880, 15.1750, 5.8230

Sweetspot

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



208.5060, -4.7210, -8.0570



252.9350, -1.3750, -2.6150



212.8770, 4.5400, -5.1880



126.7610, -0.8250, -1.5690



0.0000, 0.0000, 0.0000



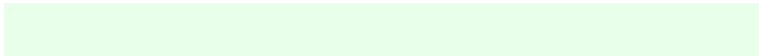
128.0000, -0.0000, -0.0000

Same Dimension

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



208.5060, -4.7210, -8.0570



245.6150, -6.6460, -11.7180



209.4180, -7.2890, -5.5690



102.5710, -3.3460, -5.4420



101.6310, -50.5560, -86.0120



25.5830, -12.7880, -21.5560

Inverse Universe

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



205.4940, 4.7210, 8.0570



241.3850, 6.6460, 11.7180



204.5820, 7.2890, 5.5690



100.4290, 3.3460, 5.4420



69.3690, 50.5560, 86.0120



17.5310, 12.4670, 21.8670

Previews

White Background



This preview shows how the YIQ color 208.5060, -4.7210, -8.0570 looks on a white background.

Color Contrast Check

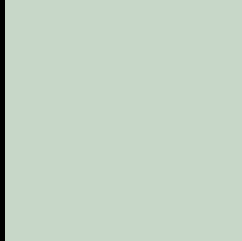
Large Text (above 18pt) WCAG AA × Fail

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 208.5060, -4.7210, -8.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

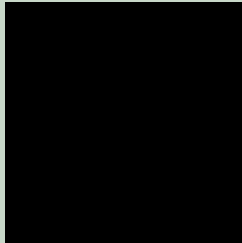
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

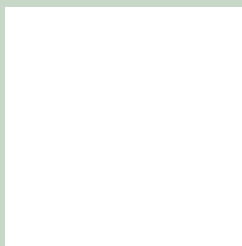
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 208.5060, -4.7210, -8.0570

Background



This preview shows how black text looks on a background with the YIQ color 208.5060, -4.7210, -8.0570.



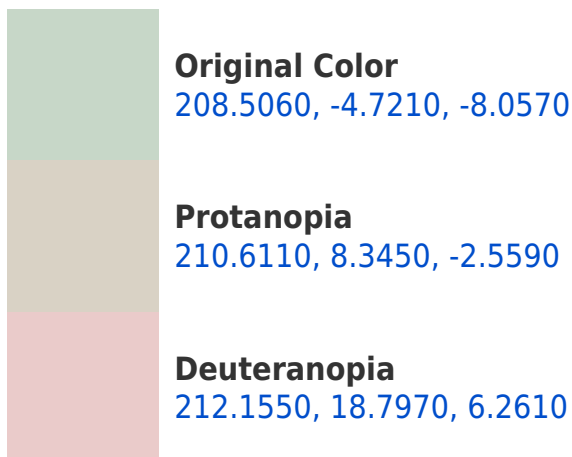
This preview shows how white text looks on a background with the YIQ color 208.5060, -4.7210, -8.0570.

-8.0570.

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

210.5460, -10.2250, 3.5910

Trichromacy



Original Color

208.5060, -4.7210, -8.0570

Protanomaly

209.8060, 3.3020, -4.7780

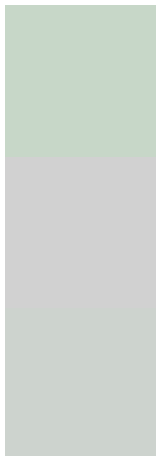
Deuteranomaly

210.5020, 10.2700, 1.1020

Tritanomaly

209.6940, -7.8860, -0.2540

Monochromacy



Original Color

208.5060, -4.7210, -8.0570

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.6360, -1.9710, -2.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.5060, -4.7210, -8.0570 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(199, 215, 200)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 200)  
}
```

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(199, 215, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 200) }
```

Border

The CSS property to change the border of an element to YIQ 208.5060, -4.7210, -8.0570 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(199, 215, 200) }
```


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

```
.border{ border-color:rgb(199, 215, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 215, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 215, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 215, 200);  
box-shadow:4px 4px 4px 4px rgb(199, 215,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 208.5060, -4.7210, -8.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 200) }
```

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

```
.background{ background-color: rgb(199,  
215, 200) }
```

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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