

Converting Colors

YIQ(210.2330, -8.2060, -5.4700)

Have a look what the booklet for
YIQ(210.2330, -8.2060, -5.4700)
contains.

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Color

**YIQ(210.2330, -8.2060,
-5.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D8D2
RGB	199, 216, 210
RGB Percent	78%, 85%, 82%
CMY	0.2196, 0.1529, 0.1765
CMYK	0.08, 0.00, 0.03, 0.15
HSL	159°, 18%, 81%
HSV	159°, 8%, 85%
XYZ	59.7399, 65.9087, 70.5412
YIQ	210.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

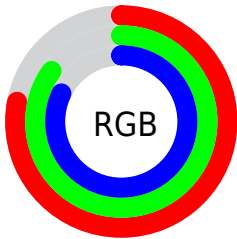
Format	Color
RYB	199, 209, 216
Decimal	13097170
CIELab	84.95, -6.83, 0.99
CIElCh	85, 6.903, 171.723
Yxy	65.9087, 0.3045, 0.3359
Android (android.graphics.Color)	4291287250 (0xFFC7D8D2)
YUV	210.2330, -0.1149, -9.8513
Hunter-Lab	81.1842, -10.7221, 5.3117

Details

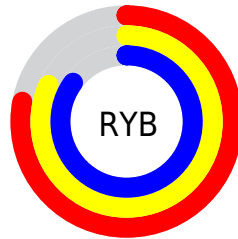
The YIQ color $210.2330, -8.2060, -5.4700$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $204.7670, 8.2060, 5.4700$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $155.6460, -7.9310, -4.9470$ is the 20% darker color. If you saturate the color by 10%, you get $202.7430, -18.7500, -12.6220$, and if you desaturate by 10%, it is $217.7230, 2.3380, 1.6820$.

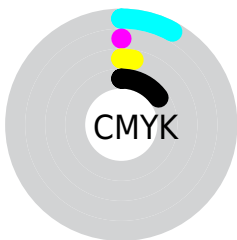
Distribution



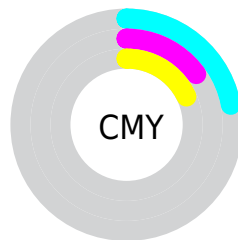
- Red (78%)
- Green (85%)
- Blue (82%)



- Red (78%)
- Yellow (82%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.2330, -8.2060, -5.4700 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 210.2330, -8.2060, -5.4700 by changing the saturation by 10% instead.

■ 210.2330, -8.2060,
-5.4700

■ 210.2330, -8.2060,
-5.4700

255.0000, -0.0000,
-0.0000

■ 182.5320, -7.6100,
-5.2580

■ 155.6460, -7.9310,
-4.9470

■ 129.6460, -7.9310,
-4.9470

■ 104.8310, -7.0140,
-5.0460

■ 80.2440, -6.7390,
-4.5230

■ 57.3580, -7.0600,
-4.2120

■ 35.6570, -6.4640,

-4.0000

■ 13.7490, -9.7190,
-5.5830

■ 0.0000, 0.0000,
0.0000

■ 210.2330, -8.2060,
-5.4700

■ 210.2330, -8.2060,
-5.4700

■ 202.7430,
-18.7500, -12.6220

■ 217.7230, 2.3380,
1.6820

■ 195.6660,
-29.0190, -19.2510

■ 224.8000, 12.6070,
8.3110

■ 188.1760,
-39.5630, -26.4030

■ 229.5990, 17.7870,
13.5550

■ 180.9850,
-49.5110, -33.3430

■ 230.5110, 15.2190,
16.0430

■ 173.6090,
-60.3760, -40.1840

■ 231.3090, 12.9720,
18.2200

■ 166.1190,
-70.9200, -47.3360

■ 232.1070, 10.7250,
20.3970

■ 159.0420,
-81.1890, -53.9650

■ 151.5520,
-91.7330, -61.1170

■ 144.3610,
-101.6810, -68.0570

Harmonies

Analogous

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



210.7560, -2.4290, -5.5410



210.2330, -8.2060, -5.4700



210.1340, -12.2410, -3.9290

Triad

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



210.2330, -8.2060, -5.4700



212.4820, -4.1730, 4.0430



212.9860, 11.7830, 1.2150

Complementary

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



210.2330, -8.2060, -5.4700



204.7670, 8.2060, 5.4700

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.



213.6810, 11.3240, 4.0280



210.2330, -8.2060, -5.4700



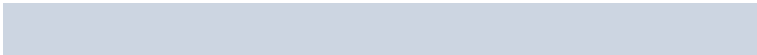
213.2440, 2.4290, 5.5410

Square

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



210.2330, -8.2060, -5.4700



211.6770, -9.2160, 1.8240



213.7670, 8.2060, 5.4700



212.3230, 9.2160, -1.8240

Rectangle

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



210.2330, -8.2060, -5.4700



210.3020, -12.6540, -1.9500



213.7670, 8.2060, 5.4700



213.5130, 11.7370, 2.0490

Sweetspot

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



210.2330, -8.2060, -5.4700



253.2770, -2.3380, -1.6820



210.7730, -1.0990, -7.6190



126.9890, -1.4670, -0.9470



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.



210.2330, -8.2060, -5.4700



247.2110, -11.1400, -7.3640



209.7430, -9.5820, -2.5580



103.2550, -5.2720, -3.5760



112.9170, -82.3350, -55.2230



28.4330, -20.8130, -13.7810

Inverse Universe

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



204.7670, 8.2060, 5.4700



239.7890, 11.1400, 7.3640



205.2570, 9.5820, 2.5580



99.7450, 5.2720, 3.5760



57.9690, 82.6560, 54.9120



14.5670, 20.8130, 13.7810

Previews

White Background



This preview shows how the YIQ color 210.2330, -8.2060, -5.4700 looks on a white background.

Color Contrast Check

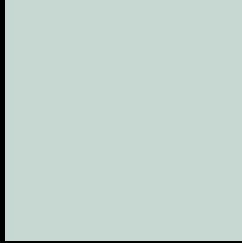
Large Text (above 18pt) WCAG AA × Fail

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 210.2330, -8.2060, -5.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

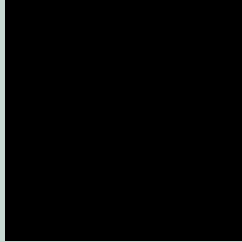
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

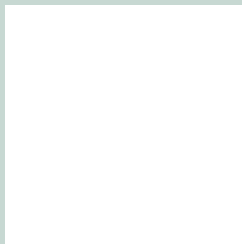
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.2330, -8.2060, -5.4700

Background



This preview shows how black text looks on a background with the YIQ color 210.2330, -8.2060, -5.4700.



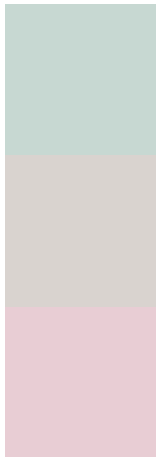
This preview shows how white text looks on a background with the YIQ color 210.2330, -8.2060, -5.4700.

-5.4700.

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

210.2330, -8.2060, -5.4700

Protanopia

212.3380, 4.8600, 0.0280

Deuteranopia

213.8710, 13.8450, 7.9010



Tritanopia

211.6490, -12.0130, 2.9550

Trichromacy



Original Color

210.2330, -8.2060, -5.4700

Protanomaly

211.5330, -0.1830, -2.1910

Deuteranomaly

212.5170, 5.9140, 2.9540

Tritanomaly

211.1390, -10.6370, 0.0430

Monochromacy



Original Color

210.2330, -8.2060, -5.4700

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9780, -2.9340, -1.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.2330, -8.2060, -5.4700 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, 216, 210)` looks like.

```
.text, #text, p{  
    color:rgb(199, 216, 210)  
}
```

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, 216, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 216, 210) }
```

Border

The CSS property to change the border of an element to YIQ 210.2330, -8.2060, -5.4700 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, 216, 210) }
```


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

```
.border{ border-color:rgb(199, 216, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 216, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 216, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 216, 210);  
box-shadow:4px 4px 4px 4px rgb(199, 216,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 210.2330, -8.2060, -5.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 216, 210) }
```

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

```
.background{ background-color: rgb(199,  
216, 210) }
```

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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