

Converting Colors

YIQ(210.9480, -11.4170, 3.1670)

Have a look what the booklet for
YIQ(210.9480, -11.4170, 3.1670)
contains.

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Color

**YIQ(210.9480, -11.4170,
3.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD4E5
RGB	202, 212, 229
RGB Percent	79%, 83%, 90%
CMY	0.2078, 0.1686, 0.1020
CMYK	0.12, 0.07, 0.00, 0.10
HSL	218°, 34%, 85%
HSV	218°, 12%, 90%
XYZ	62.0415, 65.3015, 83.4523
YIQ	210.9480, -11.4170, 3.1670

Conversions

Conversions Part 2

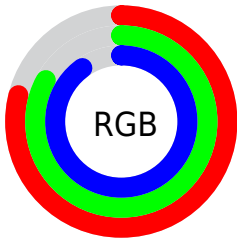
Format	Color
R _Y B	202, 209, 229
Decimal	13292773
CIE Lab	84.64, -0.06, -9.51
CIE LCh	85, 9.515, 269.641
Yxy	65.3015, 0.2943, 0.3098
Android (android.graphics.Color)	4291482853 (0xFFCAD4E5)
YUV	210.9480, 8.8996, -7.8474
Hunter-Lab	80.8093, -4.3726, -4.6626

Details

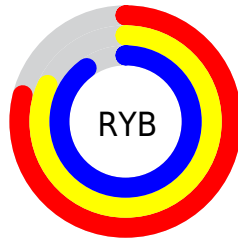
The YIQ color **210.9480, -11.4170, 3.1670** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **220.0520, 11.4170, -3.1670**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **156.2470, -10.8210, 3.3790** is the 20% darker color. If you saturate the color by 10%, you get **195.8530, -21.2750, 5.6130**, and if you desaturate by 10%, it is **226.0430, -1.5590, 0.7210**.

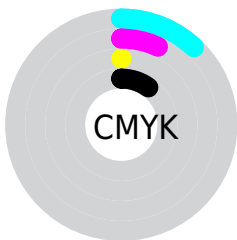
Distribution



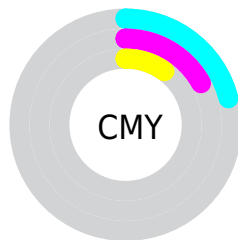
- Red (79%)
- Green (83%)
- Blue (90%)



- Red (79%)
- Yellow (82%)
- Blue (90%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.9480, -11.4170, 3.1670 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 210.9480, -11.4170, 3.1670 by changing the saturation by 10% instead.

■ 210.9480,
-11.4170, 3.1670

■ 210.9480,
-11.4170, 3.1670

255.0000, -0.0000,
-0.0000

■ 183.2470,
-10.8210, 3.3790

■ 156.2470,
-10.8210, 3.3790

■ 130.1330,
-10.5000, 3.0680

■ 105.0190,
-10.1790, 2.7570

■ 80.9050, -9.8580,
2.4460

■ 57.9050, -9.8580,
2.4460

■ 36.3780, -9.8120,

1.6120

■ 14.7800, -11.0040,
1.1880

■ 0.1140, -0.3210,
0.3110

■ 210.9480,
-11.4170, 3.1670

■ 210.9480,
-11.4170, 3.1670

■ 195.8530,
-21.2750, 5.6130

■ 226.0430, -1.5590,
0.7210

■ 180.1710,
-30.8580, 8.5820

■ 241.7250, 8.0240,
-2.2480

■ 165.0760,
-40.7160, 11.0280

■ 252.0360, 8.3460,
-8.0860

■ 149.3940,
-50.2990, 13.9970

■ 134.5980,
-59.5610, 16.6550

■ 119.5030,
-69.4190, 19.1010

■ 103.8210,
-79.0020, 22.0700

■ 88.7260, -88.8600,
24.5160

■ 76.0010, -96.8840,
26.7640

Harmonies

Analogous

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



209.6760, -16.6430, -1.2430



210.9480, -11.4170, 3.1670



212.2480, -3.3940, 6.4460

Triad

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



210.9480, -11.4170, 3.1670



213.1330, 15.8630, 4.3670



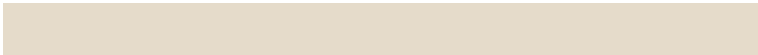
209.3210, -5.6380, -7.9580

Complementary

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



210.9480, -11.4170, 3.1670



220.0520, 11.4170, -3.1670

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.



209.8660, 3.0730, -6.1350



210.9480, -11.4170, 3.1670



212.3130, 15.1760, 0.2960

Square

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



210.9480, -11.4170, 3.1670



213.2730, 12.6530, 7.4770



211.3400, 10.5460, -3.9020



208.5420, -13.5700, -7.3780

Rectangle

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



210.9480, -11.4170, 3.1670



212.7110, 2.6120, 7.7320



211.3400, 10.5460, -3.9020



209.2890, -2.6120, -7.7320

Sweetspot

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



210.9480, -11.4170, 3.1670



248.4880, -4.3100, 1.0180



219.7870, -12.8820, -8.8340



122.9720, -2.7970, 1.1310



0.0000, 0.0000, 0.0000



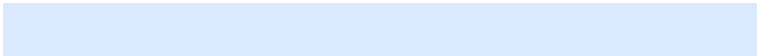
128.0000, -0.0000, -0.0000

Same Dimension

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



210.9480, -11.4170, 3.1670



231.3220, -15.4060, 3.8740



205.9750, -6.8790, 9.0330



107.3030, -5.2270, 1.1170



59.1480, -75.6090, 21.1510



16.9670, -21.5960, 5.9240

Inverse Universe

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



211.2130, 12.8820, 8.8340



231.3600, 16.9620, 11.9860



225.0250, 6.8790, -9.0330



107.1580, 5.5470, 4.0990



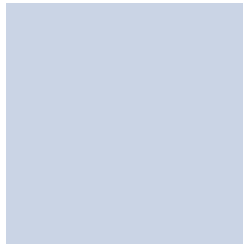
61.0450, 85.4980, 58.4740



17.4150, 24.2970, 16.7210

Previews

White Background



This preview shows how the YIQ color 210.9480, -11.4170, 3.1670 looks on a white background.

Color Contrast Check

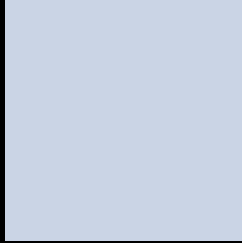
Large Text (above 18pt) WCAG AA × Fail

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 210.9480, -11.4170, 3.1670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

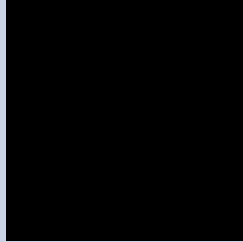
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.9480, -11.4170, 3.1670

Background



This preview shows how black text looks on a background with the YIQ color 210.9480, -11.4170, 3.1670.



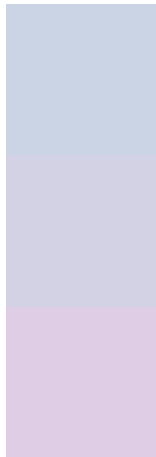
This preview shows how white text looks on a background with the YIQ color 210.9480, -11.4170,

3.1670.

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

210.9480, -11.4170, 3.1670

Protanopia

212.0520, -5.7780, 5.5980

Deuteranopia

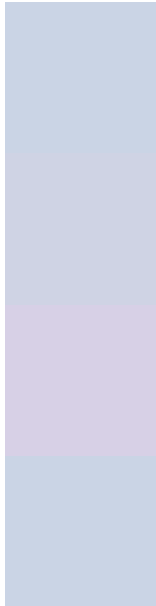
213.2320, 2.7030, 11.5910



Tritanopia

210.9480, -11.4170, 3.1670

Trichromacy



Original Color

210.9480, -11.4170, 3.1670

Protanomaly

211.7420, -7.8410, 4.4390

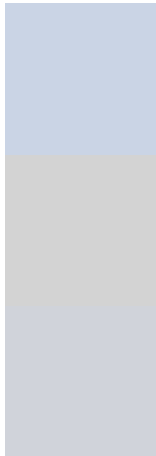
Deuteranomaly

212.6010, -2.8900, 8.3260

Tritanomaly

210.9480, -11.4170, 3.1670

Monochromacy



Original Color

210.9480, -11.4170, 3.1670

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.9010, -4.0350, 1.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.9480, -11.4170, 3.1670 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(202, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(202, 212, 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(202, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 212, 229) }
```

Border

The CSS property to change the border of an element to YIQ 210.9480, -11.4170, 3.1670 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(202, 212, 229) }
```


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

```
.border{ border-color:rgb(202, 212, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(202, 212,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 210.9480, -11.4170, 3.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 212, 229) }
```

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

```
.background{ background-color: rgb(202,  
212, 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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