

Converting Colors

YIQ(210.4350, -13.9860,
11.1820)

Have a look what the booklet for
YIQ(210.4350, -13.9860, 11.1820)
contains.

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Color

**YIQ(210.4350, -13.9860,
11.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCFF5
RGB	204, 207, 245
RGB Percent	80%, 81%, 96%
CMY	0.2000, 0.1882, 0.0393
CMYK	0.17, 0.16, 0.00, 0.04
HSL	236°, 67%, 88%
HSV	236°, 17%, 96%
XYZ	63.6943, 64.0555, 95.3758
YIQ	210.4350, -13.9860, 11.1820

Conversions

Conversions Part 2

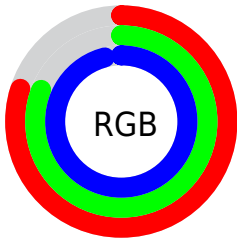
Format	Color
R_{YB}	204, 207, 245
Decimal	13422581
CIE _{Lab}	83.99, 6.53, -18.96
CIE _{LCh}	84, 20.052, 289.019
Yxy	64.0555, 0.2855, 0.2871
Android (android.graphics.Color)	4291612661 (0xFFCCCCFF5)
YUV	210.4350, 17.0405, -5.6435
Hunter-Lab	80.0347, 1.9955, -14.6304

Details

The YIQ color $210.4350, -13.9860, 11.1820$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $238.5650, 13.9860, -11.1820$, 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 $155.9080, -13.9400, 10.3480$ is the 20% darker color. If you saturate the color by 10%, you get $189.7580, -21.9650, 18.1230$, and if you desaturate by 10%, it is $231.4110, -5.4110, 4.4530$.

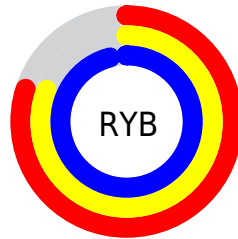
Distribution



Red (80%)

Green (81%)

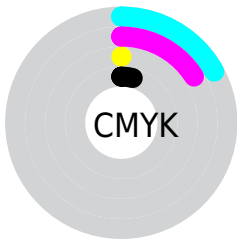
Blue (96%)



Red (80%)

Yellow (81%)

Blue (96%)

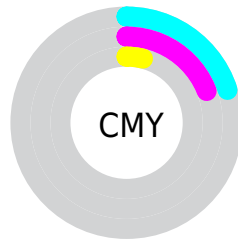


Cyan (17%)

Magenta (16%)

Yellow (0%)

Black (4%)



Cyan (20%)

Magenta (19%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.4350, -13.9860, 11.1820 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 210.4350, -13.9860, 11.1820 by changing the saturation by 10% instead.

■ 210.4350,
-13.9860, 11.1820

■ 210.4350,
-13.9860, 11.1820

255.0000, -0.0000,
-0.0000

■ 182.9080,
-13.9400, 10.3480

■ 155.9080,
-13.9400, 10.3480

■ 129.7940,
-13.6190, 10.0370

■ 104.5660,
-12.9770, 9.4150

■ 80.4520, -12.6560,
9.1040

■ 56.9250, -12.6100,
8.2700

■ 35.0990, -13.1600,

7.2240

■ 13.0990, -13.1600,
7.2240

■ 2.7530, -6.3740,
5.3860

■ 210.4350,
-13.9860, 11.1820

■ 210.4350,
-13.9860, 11.1820

■ 189.7580,
-21.9650, 18.1230

■ 231.4110, -5.4110,
4.4530

■ 169.3690,
-30.8150, 24.3290

■ 251.5010, 2.8430,
-1.9650

■ 148.6920,
-38.7940, 31.2700

■ 253.8600, 3.2100,
-3.1100

■ 127.7160,
-47.3690, 37.9990

■ 107.0390,
-55.3480, 44.9400

■ 86.6500, -64.1980,
51.1460

■ 65.9730, -72.1770,
58.0870

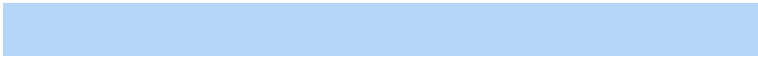
■ 44.9970, -80.7520,
64.8160

■ 38.4960, -83.5950,
66.7810

Harmonies

Analogous

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



206.8950, -30.2610, 3.2670



210.4350, -13.9860, 11.1820



212.5360, 4.9030, 15.7750

Triad

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



210.4350, -13.9860, 11.1820



211.4030, 32.5980, 3.9420



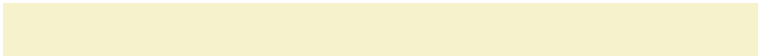
203.2970, -23.4260, -15.9860

Complementary

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



210.4350, -13.9860, 11.1820



238.5650, 13.9860, -11.1820

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.



205.1650, -5.4990, -15.9870



210.4350, -13.9860, 11.1820



209.7130, 25.4930, -4.9630

Square

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



210.4350, -13.9860, 11.1820



212.6620, 30.6710, 11.3350



207.3690, 11.6020, -12.0300



202.1740, -36.0810, -12.4090

Rectangle

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



210.4350, -13.9860, 11.1820



213.1090, 16.4110, 16.4670



207.3690, 11.6020, -12.0300



203.4070, -17.9240, -16.5800

Sweetspot

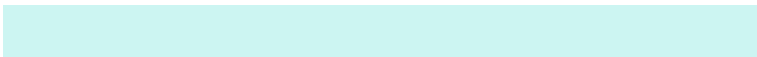
The Sweet Spot groups the original color and five complimentary colors.



210.4350, -13.9860, 11.1820



244.0690, -4.4480, 3.5200



232.3990, -23.4730, -9.6250



120.9120, -2.5680, 2.4880



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.



210.4350, -13.9860, 11.1820



212.1620, -17.4710, 13.7690



213.7570, -3.0290, 16.3550



111.9550, -4.1270, 3.2090



29.4220, -63.5560, 50.5240



9.0740, -20.0390, 16.2570

Inverse Universe

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



216.6010, 23.4730, 9.6250



219.7050, 29.1120, 12.0560



235.2430, 3.0290, -16.3550



113.7020, 6.8310, 2.8550



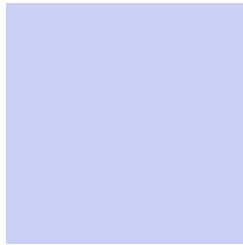
57.2100, 106.3620, 43.7860



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 210.4350, -13.9860, 11.1820 looks on a white background.

Color Contrast Check

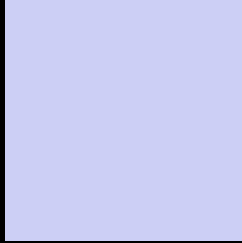
Large Text (above 18pt) WCAG AA × Fail

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 210.4350, -13.9860, 11.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

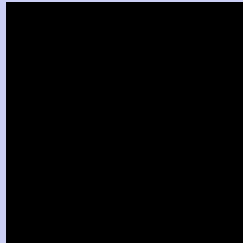
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.4350, -13.9860, 11.1820

Background



This preview shows how black text looks on a background with the YIQ color 210.4350, -13.9860, 11.1820.

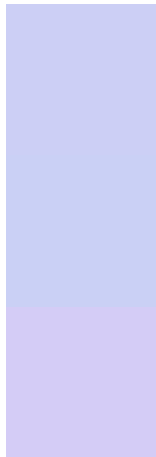


This preview shows how white text looks on a background with the YIQ color 210.4350, -13.9860,

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

210.4350, -13.9860, 11.1820

Protanopia

210.4240, -15.4530, 10.2350

Deuteranopia

211.1800, -8.7140, 14.7580



Tritanopia

209.2470, -10.8210, 3.3790

Trichromacy



Original Color

210.4350, -13.9860, 11.1820

Protanomaly

210.7230, -14.8570, 10.4470

Deuteranomaly

210.8700, -10.7770, 13.5990

Tritanomaly

209.7570, -12.1970, 6.2910

Monochromacy



Original Color

210.4350, -13.9860, 11.1820

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2970, -5.0900, 4.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.4350, -13.9860, 11.1820 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(204, 207, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 245) }
```

Border

The CSS property to change the border of an element to YIQ 210.4350, -13.9860, 11.1820 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, 245) }
```


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

```
.border{ border-color:rgb(204, 207, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 245);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 210.4350, -13.9860, 11.1820 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, 245) }
```

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

```
.background{ background-color: rgb(204,  
207, 245) }
```

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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