

Converting Colors

YIQ(215.5810, -17.3330,
11.2670)

Have a look what the booklet for
YIQ(215.5810, -17.3330, 11.2670)
contains.

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Color

**YIQ(215.5810, -17.3330,
11.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	CED5FE
RGB	206, 213, 254
RGB Percent	81%, 84%, 100%
CMY	0.1921, 0.1647, 0.0040
CMYK	0.19, 0.16, 0.00, 0.00
HSL	231°, 96%, 90%
HSV	231°, 19%, 100%
XYZ	67.1345, 67.8663, 103.3055
YIQ	215.5810, -17.3330, 11.2670

Conversions

Conversions Part 2

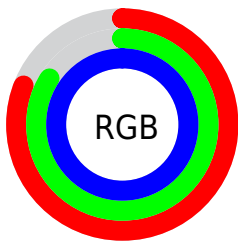
Format	Color
R _Y B	206, 212, 254
Decimal	13555198
CIE Lab	85.94, 5.89, -20.77
CIE LCh	86, 21.587, 285.838
Yxy	67.8663, 0.2817, 0.2848
Android (android.graphics.Color)	4291745278 (0xFFCED5FE)
YUV	215.5810, 18.9406, -8.4025
Hunter-Lab	82.3810, 1.2978, -16.6828

Details

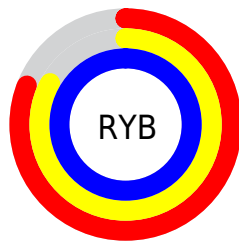
The YIQ color $215.5810, -17.3330, 11.2670$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $244.4190, 17.3330, -11.2670$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $160.3530, -16.6910, 10.6450$ is the 20% darker color. If you saturate the color by 10%, you get $195.1920, -26.1830, 17.4730$, and if you desaturate by 10%, it is $235.9700, -8.4830, 5.0610$.

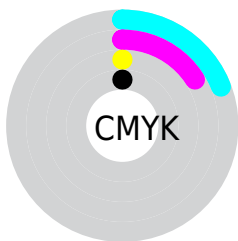
Distribution



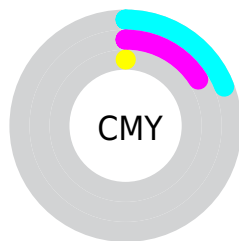
- Red (81%)
- Green (84%)
- Blue (100%)



- Red (81%)
- Yellow (83%)
- Blue (100%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.5810, -17.3330, 11.2670 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 215.5810, -17.3330, 11.2670 by changing the saturation by 10% instead.

■ 215.5810,
-17.3330, 11.2670

■ 215.5810,
-17.3330, 11.2670

255.0000, -0.0000,
-0.0000

■ 187.4670,
-17.0120, 10.9560

■ 160.3530,
-16.6910, 10.6450

■ 134.2390,
-16.3700, 10.3340

■ 108.7120,
-16.3240, 9.5000

■ 84.5980, -16.0030,
9.1890

■ 61.0710, -15.9570,
8.3550

■ 38.2450, -16.5070,

7.3090

■ 17.1200, -17.6530,
6.0510

■ 3.5510, -8.6210,
7.5630

■ 215.5810,
-17.3330, 11.2670

■ 215.5810,
-17.3330, 11.2670

■ 195.1920,
-26.1830, 17.4730

■ 235.9700, -8.4830,
5.0610

■ 175.0910,
-35.9040, 22.9440

254.8860, 0.3210,
-0.3110

■ 154.7020,
-44.7540, 29.1500

■ 134.0140,
-54.2000, 35.1440

■ 114.2120,
-63.3250, 40.8270

■ 93.8230, -72.1750,
47.0330

■ 73.1350, -81.6210,
53.0270

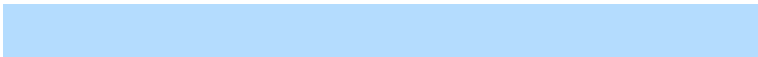
■ 52.7460, -90.4710,
59.2330

■ 50.6750, -91.7090,
59.6430

Harmonies

Analogous

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



211.9160, -34.7540, 2.0940



215.5810, -17.3330, 11.2670



218.1060, 3.2980, 17.3300

Triad

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



215.5810, -17.3330, 11.2670



216.8980, 35.5780, 5.0020



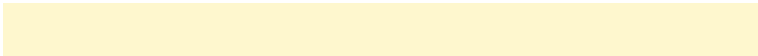
208.2430, -23.3340, -17.6540

Complementary

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



215.5810, -17.3330, 11.2670



244.4190, 17.3330, -11.2670

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.



210.7090, -4.2150, -17.2310



215.5810, -17.3330, 11.2670



215.0940, 28.7940, -4.2140

Square

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



215.5810, -17.3330, 11.2670



217.6020, 30.9000, 12.6920



212.9240, 14.3530, -12.3270



207.0380, -38.6940, -14.6140

Rectangle

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



215.5810, -17.3330, 11.2670



218.8640, 15.7230, 17.9230



212.9240, 14.3530, -12.3270



208.7660, -17.5570, -17.7250

Sweetspot

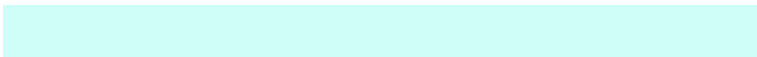
The Sweet Spot groups the original color and five complimentary colors.



215.5810, -17.3330, 11.2670



242.8840, -5.3650, 3.6190



238.8500, -26.3610, -12.3530



120.6130, -3.1640, 2.2760



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.



215.5810, -17.3330, 11.2670



208.0090, -21.4140, 13.6420



216.5550, -5.2760, 18.5320



117.6560, -4.7230, 2.9970



38.2100, -69.0110, 44.7570



12.5790, -23.0190, 15.1970

Inverse Universe

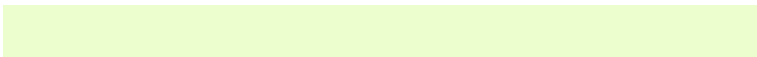
The Inverse Universe completely reimagines the original color for something new.



221.1500, 26.3610, 12.3530



214.6670, 32.2750, 15.3070



243.4450, 5.2760, -18.5320



119.1150, 7.1060, 3.3780



60.3010, 104.8480, 49.2000



20.1620, 35.2550, 16.3670

Previews

White Background



This preview shows how the YIQ color 215.5810, -17.3330, 11.2670 looks on a white background.

Color Contrast Check

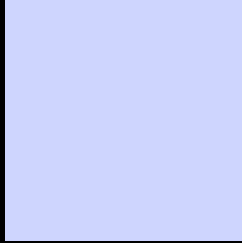
Large Text (above 18pt) WCAG AA × Fail

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 215.5810, -17.3330, 11.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

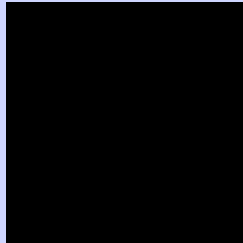
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.5810, -17.3330, 11.2670

Background



This preview shows how black text looks on a background with the YIQ color 215.5810, -17.3330, 11.2670.



This preview shows how white text looks on a background with the YIQ color 215.5810, -17.3330, 11.2670.

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

215.5810, -17.3330, 11.2670

Protanopia

215.5810, -17.3330, 11.2670

Deuteranopia

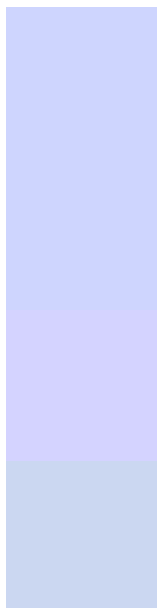
216.9240, -10.8690, 15.2670



Tritanopia

213.8660, -14.1220, 2.6300

Trichromacy



Original Color

215.5810, -17.3330, 11.2670

Protanomaly

215.5810, -17.3330, 11.2670

Deuteranomaly

216.3150, -13.5280, 13.8960

Tritanomaly

214.3760, -15.4980, 5.5420

Monochromacy



Original Color

215.5810, -17.3330, 11.2670

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.8130, -6.6030, 4.0290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.5810, -17.3330, 11.2670 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(206, 213, 254)` looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 254)  
}
```

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(206, 213, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 254) }
```

Border

The CSS property to change the border of an element to YIQ 215.5810, -17.3330, 11.2670 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(206, 213, 254) }
```


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

```
.border{ border-color:rgb(206, 213, 254) }
```

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

Here you see how a box with a 4 pixel rgb(206, 213, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 254);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 215.5810, -17.3330, 11.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 254) }
```

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

```
.background{ background-color: rgb(206,  
213, 254) }
```

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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