

Converting Colors

YUV(214.5700, 18.9460,
-10.1469)

Have a look what the booklet for
YUV(214.5700, 18.9460, -10.1469)
contains.

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Color

**YUV(214.5700, 18.9460,
-10.1469)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD5FD
RGB	203, 213, 253
RGB Percent	80%, 84%, 99%
CMY	0.2039, 0.1647, 0.0078
CMYK	0.20, 0.16, 0.00, 0.01
HSL	228°, 93%, 89%
HSV	228°, 20%, 99%
XYZ	66.1525, 67.3769, 102.4469
YIQ	214.5700, -18.8000, 10.3200

Conversions

Conversions Part 2

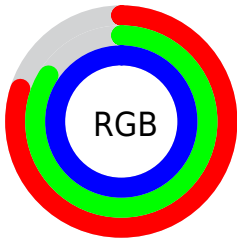
Format	Color
R _Y B	203, 211, 253
Decimal	13358589
CIE Lab	85.69, 4.77, -20.64
CIE LCh	86, 21.188, 283.006
Yxy	67.3769, 0.2803, 0.2855
Android (android.graphics.Color)	4291548669 (0xFFCBD5FD)
YUV	214.5700, 18.9460, -10.1469
Hunter-Lab	82.0834, 0.2104, -16.5405

Details

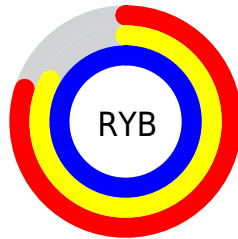
The YUV color $214.5700, 18.9460, -10.1469$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.4300, -18.9460, 10.1469$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $159.3420, 18.0724, -9.9469$ is the 20% darker color. If you saturate the color by 10%, you get $195.3550, 28.4190, -15.2203$, and if you desaturate by 10%, it is $233.7850, 9.4730, -5.0734$.

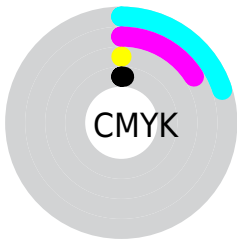
Distribution



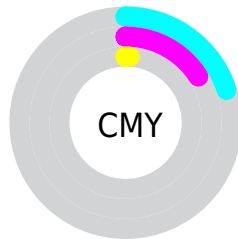
- Red (80%)
- Green (84%)
- Blue (99%)



- Red (80%)
- Yellow (83%)
- Blue (99%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.5700, 18.9460, -10.1469 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 YUV color 214.5700, 18.9460, -10.1469 by changing the saturation by 10% instead.

■ 214.5700, 18.9460,
-10.1469

■ 214.5700, 18.9460,
-10.1469

255.0000, 0.0000,
0.0000

■ 186.4560, 18.5092,
-10.0469

■ 159.3420, 18.0724,
-9.9469

■ 133.2280, 17.6356,
-9.8470

■ 108.0000, 16.7620,
-9.6470

■ 83.5870, 16.4726,
-10.1618

■ 60.0600, 15.7464,
-10.5766

■ 37.8210, 14.8782,

-12.1210

■ 16.1090, 14.7363,
-13.2506

■ 3.4370, 10.6306,
-3.0142

■ 214.5700, 18.9460,
-10.1469

■ 214.5700, 18.9460,
-10.1469

■ 195.3550, 28.4190,
-15.2203

■ 233.7850, 9.4730,
-5.0734

■ 175.8410, 38.0394,
-20.9086

■ 253.2990, -0.1474,
0.6148

■ 156.0390, 47.8018,
-25.4672

■ 254.7720, -0.8736,
0.2000

■ 136.8240, 57.2748,
-30.5406

■ 117.3100, 66.8952,
-36.2289

■ 98.0950, 76.3682,
-41.3023

■ 78.2930, 86.1306,
-45.8610

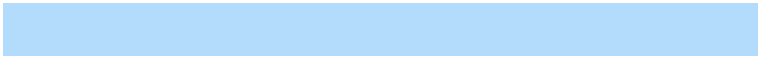
■ 59.0780, 95.6035,
-50.9344

■ 58.7790, 95.7510,
-51.5492

Harmonies

Analogous

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



210.5030, 20.4580, -28.5051



214.5700, 18.9460, -10.1469



217.2090, 13.2080, 10.3407

Triad

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



214.5700, 18.9460, -10.1469



216.2400, -13.9223, 32.2385



207.7270, -2.8234, -27.8246

Complementary

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



214.5700, 18.9460, -10.1469



241.4300, -18.9460, 10.1469

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.



210.0190, -12.3344, -10.5407



214.5700, 18.9460, -10.1469



214.8060, -19.1314, 22.9721

Square

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



214.5700, 18.9460, -10.1469



217.1290, -5.4866, 33.2129



212.8210, -18.6458, 7.1730



206.4080, 7.6869, -38.9458

Rectangle

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



214.5700, 18.9460, -10.1469



218.0810, 7.3551, 20.9770



212.8210, -18.6458, 7.1730



208.4350, -6.6235, -22.3065

Sweetspot

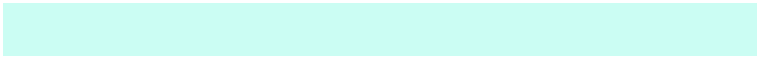
The Sweet Spot groups the original color and five complimentary colors.



214.5700, 18.9460, -10.1469



243.4710, 5.6838, -3.0441



236.9100, 3.0024, -29.7391



120.6130, 3.6418, -1.4146



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.



214.5700, 18.9460, -10.1469



207.9980, 23.1720, -12.2762



213.1850, 19.6288, 4.2228



117.6560, 5.0996, -2.3293



44.0800, 72.4316, -38.6582



14.9270, 24.1930, -13.0910

Inverse Universe

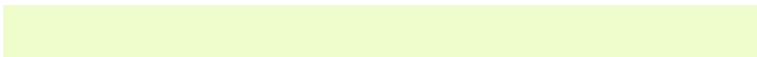
The Inverse Universe completely reimagines the original color for something new.



219.0900, -3.0024, 29.7391



213.6070, -3.7503, 36.3017



242.8150, -19.6288, -4.2228



119.1150, -1.0427, 7.7921



61.4410, -11.5564, 113.6232



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 214.5700, 18.9460, -10.1469 looks on a white background.

Color Contrast Check

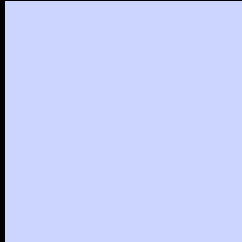
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 214.5700, 18.9460, -10.1469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

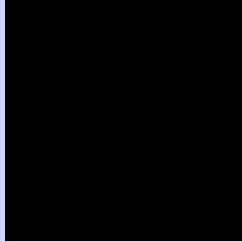
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.5700, 18.9460, -10.1469

Background



This preview shows how black text looks on a background with the YUV color 214.5700, 18.9460, -10.1469.



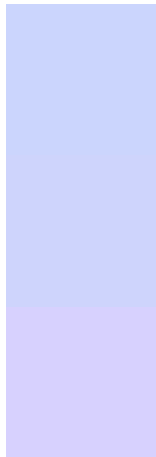
This preview shows how white text looks on a background with the YUV color 214.5700, 18.9460, -10.1469.

-10.1469.

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

214.5700, 18.9460, -10.1469

Protanopia

214.7660, 18.3564, -7.6878

Deuteranopia

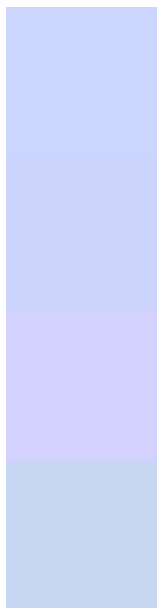
215.9240, 18.7715, -0.8103



Tritanopia

212.9690, 10.3683, -12.2508

Trichromacy



Original Color

214.5700, 18.9460, -10.1469

Protanomaly

214.4670, 18.5038, -8.3026

Deuteranomaly

215.3150, 19.0717, -3.7843

Tritanomaly

213.4790, 13.5679, -11.8211

Monochromacy



Original Color

214.5700, 18.9460, -10.1469

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.8130, 6.9942, -3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.5700, 18.9460, -10.1469 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(203, 213, 253)` looks like.

```
.text, #text, p{  
    color:rgb(203, 213, 253)  
}
```

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(203, 213, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 213, 253) }
```

Border

The CSS property to change the border of an element to YUV 214.5700, 18.9460, -10.1469 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(203, 213, 253) }
```


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

```
.border{ border-color:rgb(203, 213, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 213, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 213, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 213, 253);  
box-shadow:4px 4px 4px 4px rgb(203, 213,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 214.5700, 18.9460, -10.1469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 213, 253) }
```

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

```
.background{ background-color: rgb(203,  
213, 253) }
```

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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