

Converting Colors

YUV(209.5750, 21.4085,
-6.6433)

Have a look what the booklet for
YUV(209.5750, 21.4085, -6.6433)
contains.

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Color

**YUV(209.5750, 21.4085,
-6.6433)**

Conversions

Conversions Part 1

Format	Color
Hex	CACDFD
RGB	202, 205, 253
RGB Percent	79%, 80%, 99%
CMY	0.2078, 0.1961, 0.0078
CMYK	0.20, 0.19, 0.00, 0.01
HSL	236°, 93%, 89%
HSV	236°, 20%, 99%
XYZ	63.9181, 63.3110, 101.7799
YIQ	209.5750, -17.1960, 14.2920

Conversions

Conversions Part 2

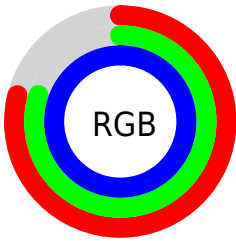
Format	Color
R _Y B	202, 205, 253
Decimal	13291005
CIE Lab	83.61, 8.72, -23.82
CIE LCh	84, 25.366, 290.114
Yxy	63.3110, 0.2791, 0.2765
Android (android.graphics.Color)	4291481085 (0xFFCACDFD)
YUV	209.5750, 21.4085, -6.6433
Hunter-Lab	79.5682, 4.1466, -20.1432

Details

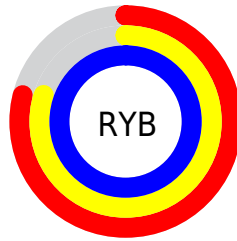
The YUV color $209.5750, 21.4085, -6.6433$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $245.4250, -21.4085, 6.6433$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $154.9340, 20.2455, -6.9581$ is the 20% darker color. If you saturate the color by 10%, you get $188.0120, 32.0391, -9.6575$, and if you desaturate by 10%, it is $231.1380, 10.7780, -3.6290$.

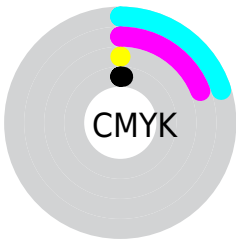
Distribution



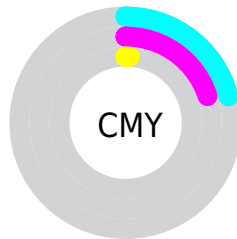
- Red (79%)
- Green (80%)
- Blue (99%)



- Red (79%)
- Yellow (80%)
- Blue (99%)



- Cyan (20%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)



- Cyan (21%)
- Magenta (20%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.5750, 21.4085, -6.6433 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 209.5750, 21.4085, -6.6433 by changing the saturation by 10% instead.

■ 209.5750, 21.4085,
-6.6433

■ 209.5750, 21.4085,
-6.6433

255.0000, 0.0000,
0.0000

■ 182.0480, 20.6823,
-7.0581

■ 154.9340, 20.2455,
-6.9581

■ 128.8200, 19.8087,
-6.8581

■ 103.2930, 19.0826,
-7.2730

■ 79.1790, 18.6458,
-7.1730

■ 56.2390, 17.6302,
-8.1026

■ 34.0000, 16.7620,

-9.6470

■ 10.5270, 17.4882,
-9.2322

■ 3.4370, 10.6306,
-3.0142

■ 209.5750, 21.4085,
-6.6433

■ 209.5750, 21.4085,
-6.6433

■ 188.0120, 32.0391,
-9.6575

■ 231.1380, 10.7780,
-3.6290

■ 166.1500, 42.8170,
-13.2866

■ 253.0000, 0.0000,
0.0000

■ 145.1740, 53.1582,
-16.8156

■ 254.7720, -0.8736,
0.2000

■ 123.6110, 63.7888,
-19.8298

■ 101.7490, 74.5667,
-23.4589

■ 80.1860, 85.1973,
-26.4731

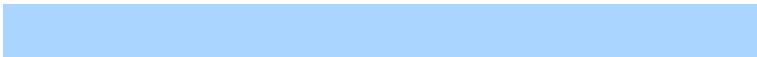
■ 58.6230, 95.8279,
-29.4874

■ 37.6470, 106.1690,
-33.0164

Harmonies

Analogous

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



204.9310, 24.6840, -30.6345



209.5750, 21.4085, -6.6433



212.2530, 13.1863, 17.3181

Triad

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



209.5750, 21.4085, -6.6433



210.4100, -18.4431, 35.5974



199.9430, -0.4649, -37.6610

Complementary

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



209.5750, 21.4085, -6.6433



245.4250, -21.4085, 6.6433

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.



202.5620, -12.6021, -18.0329



209.5750, 21.4085, -6.6433



208.1820, -22.7677, 22.6424

Square

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



209.5750, 21.4085, -6.6433



210.9510, -8.8498, 38.6310



205.5170, -20.9609, 3.0546



198.3080, 12.6662, -49.3821

Rectangle

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



209.5750, 21.4085, -6.6433



212.4950, 6.1650, 29.3839



205.5170, -20.9609, 3.0546



200.8360, -4.8491, -31.4282

Sweetspot

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



209.5750, 21.4085, -6.6433



242.2970, 6.2626, -2.0145



237.4090, 6.2074, -31.0537



120.0260, 3.9312, -0.8998



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.



209.5750, 21.4085, -6.6433



202.7150, 25.7765, -7.6431



214.3920, 19.0337, 8.4262



117.0690, 5.3890, -1.8145



28.2310, 80.2451, -24.7586



9.6440, 26.7975, -8.4578

Inverse Universe

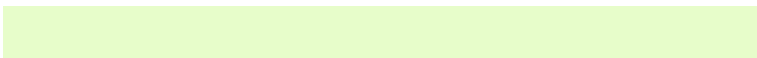
The Inverse Universe completely reimagines the original color for something new.



217.5910, -6.2074, 31.0537



212.5810, -7.6814, 37.2015



240.6080, -19.0337, -8.4262



119.0010, -1.4795, 7.8921



58.3630, -23.3500, 116.3226



19.5920, -7.6869, 38.9458

Previews

White Background



This preview shows how the YUV color 209.5750, 21.4085, -6.6433 looks on a white background.

Color Contrast Check

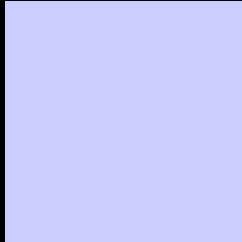
Large Text (above 18pt) WCAG AA × Fail

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 209.5750, 21.4085, -6.6433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

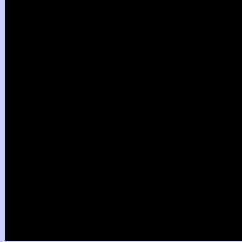
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.5750, 21.4085, -6.6433

Background



This preview shows how black text looks on a background with the YUV color 209.5750, 21.4085, -6.6433.



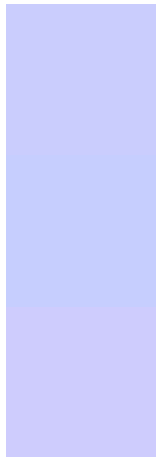
This preview shows how white text looks on a background with the YUV color 209.5750, 21.4085, -6.6433.

-6.6433.

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

209.5750, 21.4085, -6.6433

Protanopia

209.0800, 22.1456, -9.7172

Deuteranopia

210.1840, 21.1083, -3.6694



Tritanopia

207.9370, 8.9051, -9.5917

Trichromacy



Original Color

209.5750, 21.4085, -6.6433

Protanomaly

209.3790, 21.9982, -9.1024

Deuteranomaly

209.8850, 21.2557, -4.2841

Tritanomaly

208.5010, 13.5570, -8.3324

Monochromacy



Original Color

209.5750, 21.4085, -6.6433

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7530, 8.0098, -2.4144

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.5750, 21.4085, -6.6433 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, 205, 253)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 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(202, 205, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 253) }
```

Border

The CSS property to change the border of an element to YUV 209.5750, 21.4085, -6.6433 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, 205, 253) }
```


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

```
.border{ border-color:rgb(202, 205, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 253);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 209.5750, 21.4085, -6.6433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 253) }
```

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

```
.background{ background-color: rgb(202,  
205, 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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