

# Converting Colors

YUV(207.8740, 21.2611,  
-6.0285)

Have a look what the booklet for  
YUV(207.8740, 21.2611, -6.0285)  
contains.

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# Color

**YUV(207.8740, 21.2611,  
-6.0285)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9CBFB
RGB	201, 203, 251
RGB Percent	79%, 80%, 98%
CMY	0.2118, 0.2039, 0.0157
CMYK	0.20, 0.19, 0.00, 0.02
HSL	238°, 86%, 89%
HSV	238°, 20%, 98%
XYZ	62.8559, 62.0944, 99.9393
YIQ	207.8740, -16.6000, 14.5040

# Conversions

## Conversions Part 2

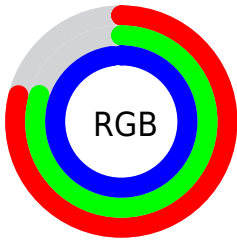
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 203, 251
Decimal	13224955
CIE Lab	82.96, 9.05, -23.74
CIE LCh	83, 25.407, 290.869
Yxy	62.0944, 0.2795, 0.2761
Android (android.graphics.Color)	4291415035 (0xFFC9CBFB)
YUV	207.8740, 21.2611, -6.0285
Hunter-Lab	78.8000, 4.4830, -20.0355

# Details

The YUV color  $207.8740, 21.2611, -6.0285$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $244.1260, -21.2611, 6.0285$ , and the grayscale version is  $208.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $153.2330, 20.0981, -6.3433$  is the 20% darker color. If you saturate the color by 10%, you get  $186.3110, 31.8917, -9.0427$ , and if you desaturate by 10%, it is  $229.4370, 10.6306, -3.0142$ .

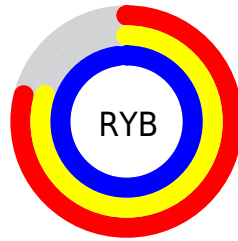
# Distribution



Red (79%)

Green (80%)

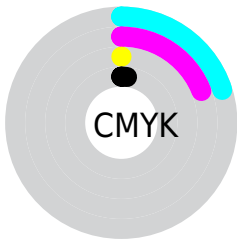
Blue (98%)



Red (79%)

Yellow (80%)

Blue (98%)

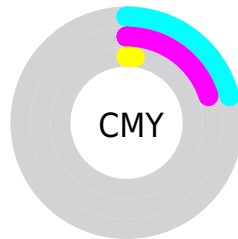


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (20%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 207.8740, 21.2611, -6.0285 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 207.8740, 21.2611, -6.0285 by changing the saturation by 10% instead.



■ 207.8740, 21.2611,  
-6.0285

■ 207.8740, 21.2611,  
-6.0285

255.0000, 0.0000,  
0.0000

■ 180.3470, 20.5349,  
-6.4433

■ 153.2330, 20.0981,  
-6.3433

■ 127.1190, 19.6613,  
-6.2434

■ 102.0050, 19.2245,  
-6.1434

■ 78.0650, 18.2090,  
-7.0730

■ 54.5380, 17.4828,  
-7.4878

■ 32.4130, 17.0514,

-9.1322

■ 9.1250, 17.1934,  
-8.0026

■ 3.2090, 9.7570,  
-2.8143

■ 207.8740, 21.2611,  
-6.0285

■ 207.8740, 21.2611,  
-6.0285

■ 186.3110, 31.8917,  
-9.0427

■ 229.4370, 10.6306,  
-3.0142

■ 164.7480, 42.5222,  
-12.0570

■ 251.0000, 0.0000,  
0.0000

■ 143.1850, 53.1528,  
-15.0712

■ 254.5440, -1.7472,  
0.3999

■ 121.6220, 63.7834,  
-18.0855

■ 99.7600, 74.5613,  
-21.7145

■ 77.6100, 85.4813,  
-24.2140

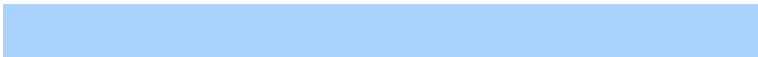
■ 56.0470, 96.1118,  
-27.2282

■ 34.4840, 106.7424,  
-30.2425

# Harmonies

## Analogous

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



203.2300, 24.5366, -30.0197



207.8740, 21.2611, -6.0285



210.2530, 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.



207.8740, 21.2611, -6.0285



208.2960, -18.8799, 35.6974



198.0570, -0.0281, -37.7610

# Complementary

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



207.8740, 21.2611, -6.0285



244.1260, -21.2611, 6.0285

# 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.



200.6760, -12.1653, -18.1329



207.8740, 21.2611, -6.0285



206.7690, -23.0571, 22.1276

# Square

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



207.8740, 21.2611, -6.0285



209.5490, -9.1447, 39.8605



203.6310, -20.5241, 2.9546



196.4220, 13.1030, -49.4821



# Rectangle

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



207.8740, 21.2611, -6.0285



210.7940, 6.0176, 29.9987



203.6310, -20.5241, 2.9546



198.6510, -4.2649, -32.1429

# Sweetspot

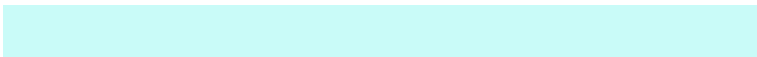
The Sweet Spot groups the original color and five complimentary colors.



207.8740, 21.2611, -6.0285



241.7100, 6.5520, -1.4997



235.7080, 6.0600, -30.4389



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.



207.8740, 21.2611, -6.0285



202.1280, 26.0659, -7.1283



213.5770, 18.4495, 9.1410



114.0690, 5.3890, -1.8145



26.2420, 80.2397, -23.0142



8.1280, 26.0659, -7.1283



# Inverse Universe

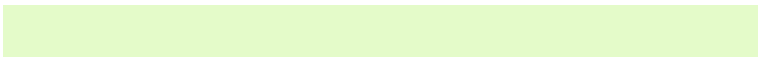
The Inverse Universe completely reimagines the original color for something new.



216.1780, -6.4968, 30.5389



212.4670, -8.1182, 37.3014



238.4230, -18.4495, -9.1410



116.0010, -1.4795, 7.8921



57.4230, -24.3655, 115.3930

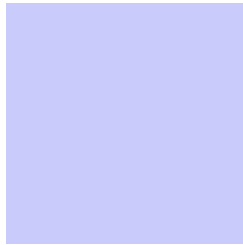


18.4670, -8.1182, 37.3014



# Previews

## White Background



This preview shows how the YUV color 207.8740, 21.2611, -6.0285 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

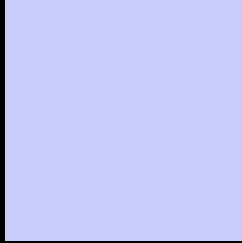
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 207.8740, 21.2611, -6.0285 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

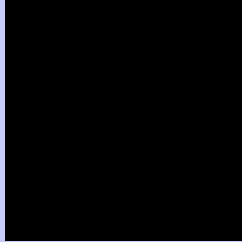
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 207.8740, 21.2611, -6.0285

## Background



This preview shows how black text looks on a background with the YUV color 207.8740, 21.2611, -6.0285.



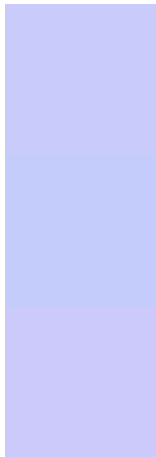
This preview shows how white text looks on a background with the YUV color 207.8740, 21.2611, -6.0285.

-6.0285.

# 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

207.8740, 21.2611, -6.0285

### Protanopia

207.0800, 22.1456, -9.7172

### Deuteranopia

208.1840, 21.1083, -3.6694



## Tritanopia

206.2360, 8.7577, -8.9770

# Trichromacy



## Original Color

207.8740, 21.2611, -6.0285

## Protanomaly

207.6780, 21.8507, -8.4876

## Deuteranomaly

207.8850, 21.2557, -4.2841

## Tritanomaly

206.8000, 13.4096, -7.7176

# Monochromacy



## Original Color

207.8740, 21.2611, -6.0285

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

207.7530, 8.0098, -2.4144

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.8740, 21.2611, -6.0285 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(201, 203, 251)` looks like.

```
.text, #text, p{  
    color:rgb(201, 203, 251)  
}
```

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(201, 203, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 203, 251) }
```

## Border

The CSS property to change the border of an element to YUV 207.8740, 21.2611, -6.0285 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(201, 203, 251) }
```



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

```
.border{ border-color:rgb(201, 203, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 203, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 203, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 203, 251);  
box-shadow:4px 4px 4px 4px rgb(201, 203,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 207.8740, 21.2611, -6.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 203, 251) }
```

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

```
.background{ background-color: rgb(201,  
203, 251) }
```

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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