

Converting Colors

YUV(217.4450, 18.5146,
-11.7913)

Have a look what the booklet for
YUV(217.4450, 18.5146, -11.7913)
contains.

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Color

**YUV(217.4450, 18.5146,
-11.7913)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD9FF
RGB	204, 217, 255
RGB Percent	80%, 85%, 100%
CMY	0.2000, 0.1490, 0.0000
CMYK	0.20, 0.15, 0.00, 0.00
HSL	225°, 100%, 90%
HSV	225°, 20%, 100%
XYZ	67.7647, 69.6831, 104.4863
YIQ	217.4450, -19.9460, 9.0620

Conversions

Conversions Part 2

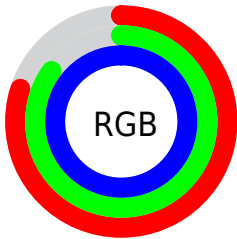
Format	Color
R _Y B	204, 214, 255
Decimal	13425151
CIE Lab	86.84, 3.39, -19.96
CIE LCh	87, 20.245, 279.651
Yxy	69.6831, 0.2801, 0.2880
Android (android.graphics.Color)	4291615231 (0xFFCCD9FF)
YUV	217.4450, 18.5146, -11.7913
Hunter-Lab	83.4764, -1.1805, -15.7791

Details

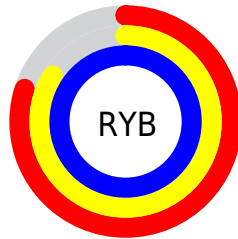
The YUV color `217.4450, 18.5146, -11.7913` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `241.5550, -18.5146, 11.7913`, and the grayscale version is `217.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `162.2170, 17.6410, -11.5913` is the 20% darker color. If you saturate the color by 10%, you get `198.8170, 27.6982, -17.3795`, and if you desaturate by 10%, it is `236.3720, 9.1836, -5.5882`.

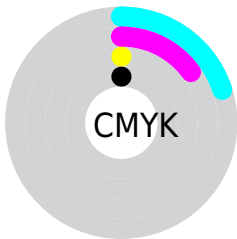
Distribution



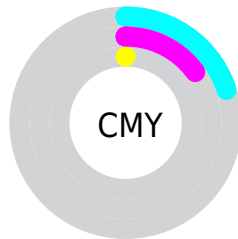
- Red (80%)
- Green (85%)
- Blue (100%)



- Red (80%)
- Yellow (84%)
- Blue (100%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.4450, 18.5146, -11.7913 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 217.4450, 18.5146, -11.7913 by changing the saturation by 10% instead.

■ 217.4450, 18.5146,
-11.7913

■ 217.4450, 18.5146,
-11.7913

255.0000, 0.0000,
0.0000

■ 189.3310, 18.0778,
-11.6913

■ 162.2170, 17.6410,
-11.5913

■ 136.1030, 17.2042,
-11.4913

■ 110.5760, 16.4780,
-11.9062

■ 85.8750, 16.3306,
-11.2914

■ 62.3480, 15.6044,
-11.7062

■ 40.1090, 14.7363,

-13.2506

■ 17.9840, 14.3049,
-14.8950

■ 3.6650, 11.5042,
-3.2142

■ 217.4450, 18.5146,
-11.7913

■ 217.4450, 18.5146,
-11.7913

■ 198.8170, 27.6982,
-17.3795

■ 236.3720, 9.1836,
-5.5882

■ 179.8900, 37.0292,
-23.5825

255.0000, 0.0000,
0.0000

■ 161.2620, 46.2128,
-29.1708

■ 142.3350, 55.5438,
-35.3738

■ 123.7070, 64.7274,
-40.9620

■ 104.7800, 74.0585,
-47.1651

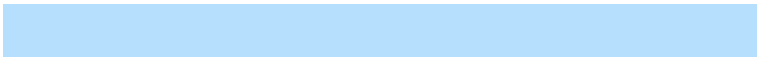
■ 85.8530, 83.3895,
-53.3681

■ 67.2250, 92.5731,
-58.9563

Harmonies

Analogous

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



213.8620, 19.2950, -28.8200



217.4450, 18.5146, -11.7913



220.4860, 13.0714, 7.4668

Triad

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



217.4450, 18.5146, -11.7913



219.2830, -12.4645, 31.3238



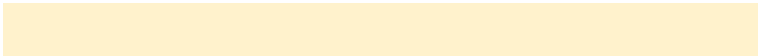
211.6950, -4.2866, -25.1655

Complementary

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



217.4450, 18.5146, -11.7913



241.5550, -18.5146, 11.7913

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.



213.9160, -12.7766, -8.6963



217.4450, 18.5146, -11.7913



218.4470, -17.9684, 23.2870

Square

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



217.4450, 18.5146, -11.7913



220.1610, -4.0234, 30.5538



216.0600, -17.7776, 8.7174



210.3760, 6.2236, -36.2868

Rectangle

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



217.4450, 18.5146, -11.7913



220.8850, 7.9447, 18.5179



216.0600, -17.7776, 8.7174



212.6310, -7.2131, -19.8474

Sweetspot

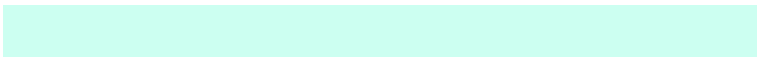
The Sweet Spot groups the original color and five complimentary colors.



217.4450, 18.5146, -11.7913



244.0580, 5.3944, -3.5589



238.1550, 1.4026, -29.9539



121.2000, 3.3524, -1.9294



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.



217.4450, 18.5146, -11.7913



209.7590, 22.3038, -13.8206



213.4020, 20.5078, 2.2784



118.2430, 4.8102, -2.8441



50.5370, 69.2483, -44.3209



16.6880, 23.3248, -14.6354

Inverse Universe

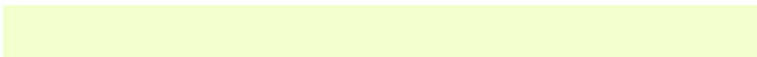
The Inverse Universe completely reimagines the original color for something new.



220.7310, -1.8394, 30.0539



213.9490, -2.4399, 36.0017



245.5980, -20.5078, -2.2784



119.2290, -0.6059, 7.6922



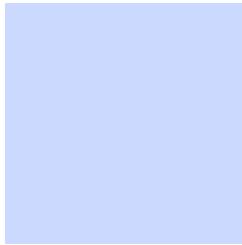
62.6950, -6.7516, 112.5235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 217.4450, 18.5146, -11.7913 looks on a white background.

Color Contrast Check

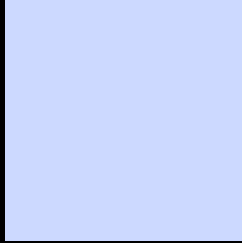
Large Text (above 18pt) WCAG AA × Fail

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 217.4450, 18.5146, -11.7913 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 217.4450, 18.5146, -11.7913

Background



This preview shows how black text looks on a background with the YUV color 217.4450, 18.5146, -11.7913.



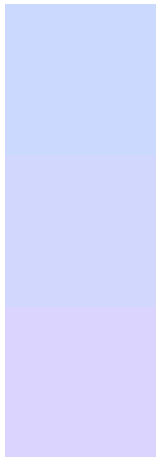
This preview shows how white text looks on a background with the YUV color 217.4450, 18.5146, -11.7913.

-11.7913.

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

217.4450, 18.5146, -11.7913

Protanopia

217.9510, 17.7722, -6.9730

Deuteranopia

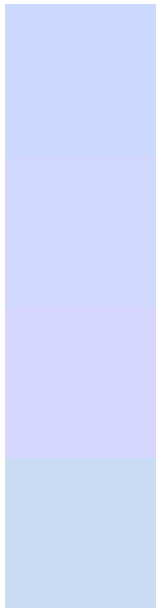
218.9950, 17.7505, 0.0044



Tritanopia

216.2570, 10.2263, -13.3804

Trichromacy



Original Color

217.4450, 18.5146, -11.7913

Protanomaly

217.9400, 17.7776, -8.7174

Deuteranomaly

218.6740, 17.9087, -4.0991

Tritanomaly

216.7670, 13.4259, -12.9507

Monochromacy



Original Color

217.4450, 18.5146, -11.7913

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.1010, 6.8522, -4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.4450, 18.5146, -11.7913 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 217, 255)  
}
```

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, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 217, 255) }
```

Border

The CSS property to change the border of an element to YUV 217.4450, 18.5146, -11.7913 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, 217, 255) }
```


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

```
.border{ border-color:rgb(204, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(204, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 217,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 217.4450, 18.5146, -11.7913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 217, 255) }
```

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

```
.background{ background-color: rgb(204,  
217, 255) }
```

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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