

Converting Colors

YUV(218.1200, 14.7308,
-11.5062)

Have a look what the booklet for
YUV(218.1200, 14.7308, -11.5062)
contains.

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Color

**YUV(218.1200, 14.7308,
-11.5062)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDBF8
RGB	205, 219, 248
RGB Percent	80%, 86%, 97%
CMY	0.1961, 0.1412, 0.0275
CMYK	0.17, 0.12, 0.00, 0.03
HSL	220°, 75%, 89%
HSV	220°, 17%, 97%
XYZ	67.4516, 70.4195, 98.8442
YIQ	218.1200, -17.6530, 6.0510

Conversions

Conversions Part 2

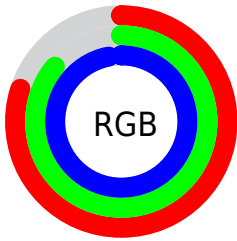
Format	Color
R _Y B	205, 216, 248
Decimal	13491192
CIE Lab	87.20, 1.15, -15.72
CIE LCh	87, 15.761, 274.181
Yxy	70.4195, 0.2849, 0.2975
Android (android.graphics.Color)	4291681272 (0xFFCDDBF8)
YUV	218.1200, 14.7308, -11.5062
Hunter-Lab	83.9163, -3.3759, -11.0957

Details

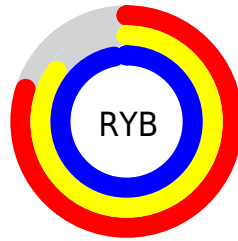
The YUV color **218.1200, 14.7308, -11.5062** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **234.8800, -14.7308, 11.5062**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **163.0060, 14.2940, -11.4063** is the 20% darker color. If you saturate the color by 10%, you get **200.6660, 23.3357, -18.1241**, and if you desaturate by 10%, it is **235.5740, 6.1260, -4.8884**.

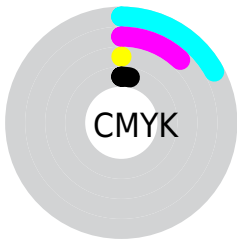
Distribution



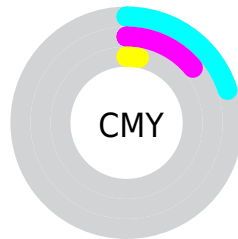
- Red (80%)
- Green (86%)
- Blue (97%)



- Red (80%)
- Yellow (85%)
- Blue (97%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1200, 14.7308, -11.5062 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 218.1200, 14.7308, -11.5062 by changing the saturation by 10% instead.

■ 218.1200, 14.7308,
-11.5062

■ 218.1200, 14.7308,
-11.5062

255.0000, 0.0000,
0.0000

■ 190.0060, 14.2940,
-11.4063

■ 163.0060, 14.2940,
-11.4063

■ 136.7780, 13.4204,
-11.2063

■ 111.0770, 13.2730,
-10.5915

■ 86.6640, 12.9836,
-11.1063

■ 63.4360, 12.1101,
-10.9064

■ 41.0230, 11.8207,

-11.4212

■ 19.8980, 11.3893,
-13.0655

■ 3.0950, 9.3202,
-2.7143

■ 218.1200, 14.7308,
-11.5062

■ 218.1200, 14.7308,
-11.5062

■ 200.6660, 23.3357,
-18.1241

■ 235.5740, 6.1260,
-4.8884

■ 183.7990, 31.6511,
-25.2567

■ 252.4410, -2.1894,
2.2442

■ 166.6440, 40.1085,
-31.2598

■ 254.2020, -3.0576,
0.6998

■ 149.1900, 48.7133,
-37.8776

■ 131.7360, 57.3182,
-44.4955

■ 114.8690, 65.6336,
-51.6281

■ 97.4150, 74.2384,
-58.2460

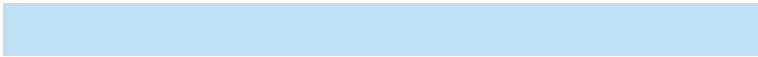
■ 80.2600, 82.6958,
-64.2490

■ 75.8190, 84.8852,
-66.4933

Harmonies

Analogous

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



215.9290, 14.3320, -23.6167



218.1200, 14.7308, -11.5062



220.2960, 11.1931, 3.2484

Triad

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



218.1200, 14.7308, -11.5062



220.4610, -9.1013, 25.9057



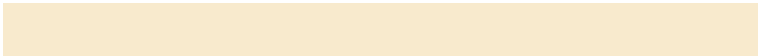
214.3370, -4.6031, -16.9585

Complementary

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



218.1200, 14.7308, -11.5062



234.8800, -14.7308, 11.5062

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.



216.4050, -11.0457, -3.8632



218.1200, 14.7308, -11.5062



219.2770, -13.4476, 19.9281

Square

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



218.1200, 14.7308, -11.5062



221.2850, -2.1125, 24.3061



217.9830, -14.2886, 9.6619



213.0460, 3.4283, -26.3503

Rectangle

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



218.1200, 14.7308, -11.5062



221.0260, 7.3822, 12.2552



217.9830, -14.2886, 9.6619



214.7890, -6.7980, -12.9700

Sweetspot

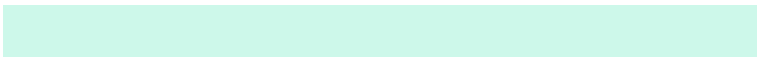
The Sweet Spot groups the original color and five complimentary colors.



218.1200, 14.7308, -11.5062



245.8300, 4.5208, -3.3589



233.5470, 0.2233, -25.0357



122.0860, 2.9156, -1.8294



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.



218.1200, 14.7308, -11.5062



217.7220, 18.3781, -14.6652



211.9950, 17.7505, 0.0044



116.4170, 4.2314, -3.8737



57.3530, 64.9020, -50.2986



18.6940, 20.8569, -16.3946

Inverse Universe

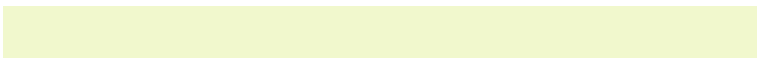
The Inverse Universe completely reimagines the original color for something new.



219.4530, -0.2233, 25.0357



219.1980, -0.0976, 31.3984



241.0050, -17.7505, -0.0044



116.4570, 0.2677, 7.4922



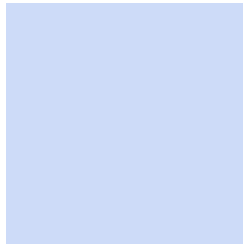
63.4650, -1.2152, 110.0942



20.5190, -0.2559, 35.5018

Previews

White Background



This preview shows how the YUV color 218.1200, 14.7308, -11.5062 looks on a white background.

Color Contrast Check

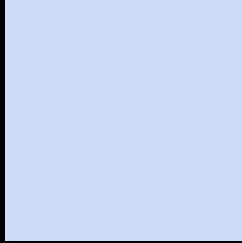
Large Text (above 18pt) WCAG AA × Fail

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 218.1200, 14.7308, -11.5062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

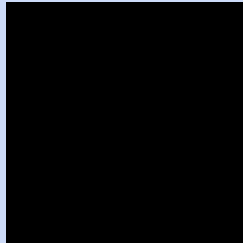
Any Text WCAG AA ✓ Pass

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 218.1200, 14.7308, -11.5062 Background



This preview shows how black text looks on a background with the YUV color 218.1200, 14.7308, -11.5062.



This preview shows how white text looks on a background with the YUV color 218.1200, 14.7308, -11.5062.

-11.5062.

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

218.1200, 14.7308, -11.5062

Protanopia

219.4090, 13.1094, -4.7437

Deuteranopia

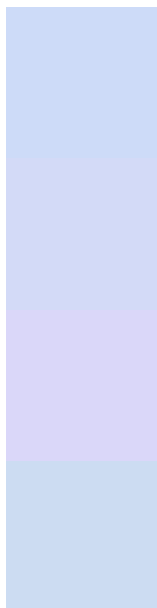
220.6920, 13.9558, 3.7781



Tritanopia

217.5560, 10.0789, -12.7656

Trichromacy



Original Color

218.1200, 14.7308, -11.5062

Protanomaly

219.2130, 13.6990, -7.2028

Deuteranomaly

219.7730, 14.4089, -1.5549

Tritanomaly

217.7240, 11.9681, -12.0359

Monochromacy



Original Color

218.1200, 14.7308, -11.5062

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.7590, 5.5418, -4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1200, 14.7308, -11.5062 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(205, 219, 248)` looks like.

```
.text, #text, p{  
    color:rgb(205, 219, 248)  
}
```

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(205, 219, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 219, 248) }
```

Border

The CSS property to change the border of an element to YUV 218.1200, 14.7308, -11.5062 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(205, 219, 248) }
```


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

```
.border{ border-color:rgb(205, 219, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 219, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 219, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 219, 248);  
box-shadow:4px 4px 4px 4px rgb(205, 219,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 218.1200, 14.7308, -11.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 219, 248) }
```

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

```
.background{ background-color: rgb(205,  
219, 248) }
```

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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