

Converting Colors

YUV(217.7610, 15.8938,
-11.1914)

Have a look what the booklet for
YUV(217.7610, 15.8938, -11.1914)
contains.

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Color

**YUV(217.7610, 15.8938,
-11.1914)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDAFA
RGB	205, 218, 250
RGB Percent	80%, 85%, 98%
CMY	0.1961, 0.1451, 0.0196
CMYK	0.18, 0.13, 0.00, 0.02
HSL	223°, 82%, 89%
HSV	223°, 18%, 98%
XYZ	67.5036, 70.0241, 100.4007
YIQ	217.7610, -18.0200, 7.1960

Conversions

Conversions Part 2

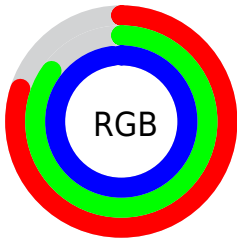
Format	Color
R _Y B	205, 215, 250
Decimal	13490938
CIE Lab	87.01, 2.10, -17.06
CIE LCh	87, 17.193, 277.008
Yxy	70.0241, 0.2837, 0.2943
Android (android.graphics.Color)	4291681018 (0xFFCDDAFA)
YUV	217.7610, 15.8938, -11.1914
Hunter-Lab	83.6804, -2.4477, -12.5605

Details

The YUV color $217.7610, 15.8938, -11.1914$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $237.2390, -15.8938, 11.1914$, 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 $162.5330, 15.0202, -10.9914$ is the 20% darker color. If you saturate the color by 10%, you get $199.7200, 24.7880, -17.2944$, and if you desaturate by 10%, it is $235.8020, 6.9996, -5.0884$.

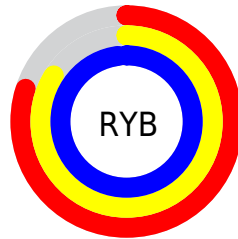
Distribution



Red (80%)

Green (85%)

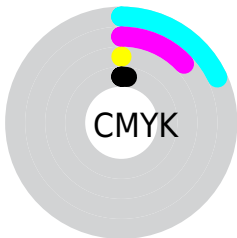
Blue (98%)



Red (80%)

Yellow (84%)

Blue (98%)

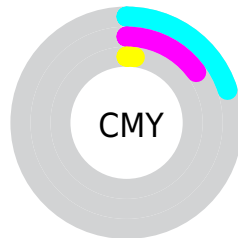


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (20%)

Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.7610, 15.8938, -11.1914 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 217.7610, 15.8938, -11.1914 by changing the saturation by 10% instead.

■ 217.7610, 15.8938,
-11.1914

■ 217.7610, 15.8938,
-11.1914

255.0000, 0.0000,
0.0000

■ 189.6470, 15.4570,
-11.0914

■ 162.5330, 15.0202,
-10.9914

■ 136.4190, 14.5834,
-10.8915

■ 111.3050, 14.1466,
-10.7915

■ 86.1910, 13.7098,
-10.6915

■ 63.0770, 13.2730,
-10.5915

■ 40.2510, 12.6943,

-11.6211

■ 19.1260, 12.2629,
-13.2655

■ 3.2090, 9.7570,
-2.8143

■ 217.7610, 15.8938,
-11.1914

■ 217.7610, 15.8938,
-11.1914

■ 199.7200, 24.7880,
-17.2944

■ 235.8020, 6.9996,
-5.0884

■ 181.6790, 33.6823,
-23.3975

■ 253.8430, -1.8946,
1.0147

■ 164.2250, 42.2871,
-30.0153

■ 254.4300, -2.1840,
0.4999

■ 146.1840, 51.1813,
-36.1184

■ 128.1430, 60.0755,
-42.2214

■ 110.1020, 68.9697,
-48.3245

■ 92.6480, 77.5745,
-54.9423

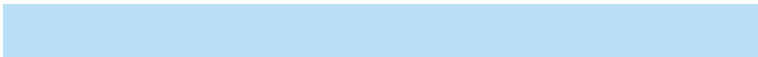
■ 74.6070, 86.4687,
-61.0453

■ 70.7640, 88.3633,
-62.0600

Harmonies

Analogous

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



214.6730, 15.9372, -25.1462



217.7610, 15.8938, -11.1914



220.4210, 11.6244, 4.8928

Triad

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



217.7610, 15.8938, -11.1914



220.1300, -10.4171, 27.9500



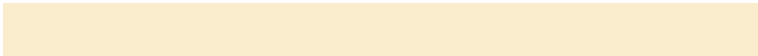
213.1410, -4.0135, -19.4177

Complementary

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



217.7610, 15.8938, -11.1914



237.2390, -15.8938, 11.1914

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.



215.2800, -11.4770, -5.5076



217.7610, 15.8938, -11.1914



219.1200, -15.3422, 20.9428

Square

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



217.7610, 15.8938, -11.1914



221.3670, -3.1389, 26.8651



217.0430, -15.3042, 8.7323



212.2520, 4.3128, -30.0390

Rectangle

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



217.7610, 15.8938, -11.1914



220.7490, 7.5187, 15.1291



217.0430, -15.3042, 8.7323



213.4790, -6.6451, -15.3291

Sweetspot

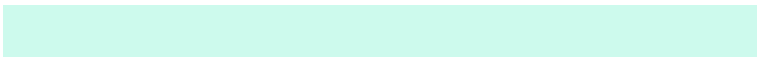
The Sweet Spot groups the original color and five complimentary colors.



217.7610, 15.8938, -11.1914



245.8300, 4.5208, -3.3589



235.0630, 0.9549, -26.3653



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.



217.7610, 15.8938, -11.1914



214.7760, 19.8304, -13.8356



212.8210, 18.3292, 1.0340



115.8300, 4.5208, -3.3589



53.8310, 66.6383, -47.2098



17.5200, 21.4356, -15.3650

Inverse Universe

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



219.9370, -0.9549, 26.3653



217.5680, -1.2660, 32.8279



242.1790, -18.3292, -1.0340



116.3430, -0.1691, 7.5922



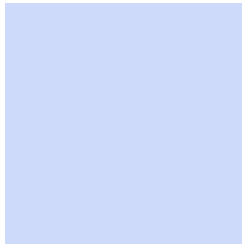
62.7810, -3.8360, 110.6941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 217.7610, 15.8938, -11.1914 looks on a white background.

Color Contrast Check

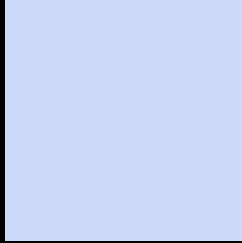
Large Text (above 18pt) WCAG AA × Fail

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 217.7610, 15.8938, -11.1914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

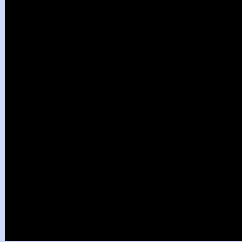
Any Text WCAG AA ✓ Pass

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 217.7610, 15.8938, -11.1914 Background



This preview shows how black text looks on a background with the YUV color 217.7610, 15.8938, -11.1914.



This preview shows how white text looks on a background with the YUV color 217.7610, 15.8938, -11.1914.

-11.1914.

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

217.7610, 15.8938, -11.1914

Protanopia

218.5660, 15.0040, -5.7584

Deuteranopia

219.7350, 15.4136, 2.8634



Tritanopia

216.9690, 10.3683, -12.2508

Trichromacy



Original Color

217.7610, 15.8938, -11.1914

Protanomaly

218.2560, 15.1568, -8.1175

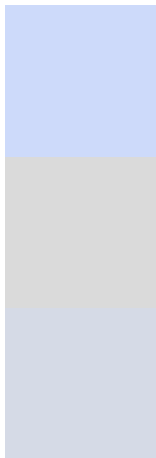
Deuteranomaly

218.8160, 15.8667, -2.4696

Tritanomaly

217.1370, 12.2575, -11.5211

Monochromacy



Original Color

217.7610, 15.8938, -11.1914

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.8730, 5.9786, -4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.7610, 15.8938, -11.1914 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, 218, 250)` looks like.

```
.text, #text, p{  
    color:rgb(205, 218, 250)  
}
```

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, 218, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 218, 250) }
```

Border

The CSS property to change the border of an element to YUV 217.7610, 15.8938, -11.1914 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, 218, 250) }
```


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

```
.border{ border-color:rgb(205, 218, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 218, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 218, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 218, 250);  
box-shadow:4px 4px 4px 4px rgb(205, 218,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 217.7610, 15.8938, -11.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 218, 250) }
```

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

```
.background{ background-color: rgb(205,  
218, 250) }
```

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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