

Converting Colors

YUV(211.4630, 11.1107,
-17.0691)

Have a look what the booklet for
YUV(211.4630, 11.1107, -17.0691)
contains.

| | |
|--|----|
| YUV(211.4630, 11.1107, -17.0691) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(211.4630, 11.1107,
-17.0691)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C0D9EA |
| RGB | 192, 217, 234 |
| RGB Percent | 75%, 85%, 92% |
| CMY | 0.2471, 0.1490, 0.0824 |
| CMYK | 0.18, 0.07, 0.00, 0.08 |
| HSL | 204°, 50%, 84% |
| HSV | 204°, 18%, 92% |
| XYZ | 61.4024, 66.7727, 87.4941 |
| YIQ | 211.4630, -20.3570, -0.0130 |

Conversions

Conversions Part 2

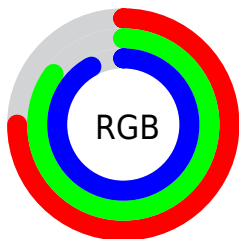
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 192, 208, 234 |
| Decimal | 12638698 |
| CIE Lab | 85.39, -4.79, -11.13 |
| CIE LCh | 85, 12.116, 246.724 |
| Yxy | 66.7727, 0.2847, 0.3096 |
| Android (android.graphics.Color) | 4290828778 (0xFFC0D9EA) |
| YUV | 211.4630, 11.1107, -17.0691 |
| Hunter-Lab | 81.7146, -8.8711, -6.2833 |

Details

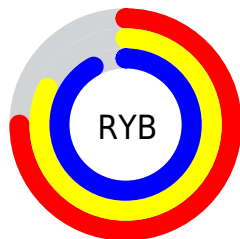
The YUV color $211.4630, 11.1107, -17.0691$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.5370, -11.1107, 17.0691$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2060, 0.8844, -3.6887$, and $156.6480, 10.5265, -16.3543$ is the 20% darker color. If you saturate the color by 10%, you get $199.3030, 17.1056, -26.5757$, and if you desaturate by 10%, it is $223.6230, 5.1159, -7.5624$.

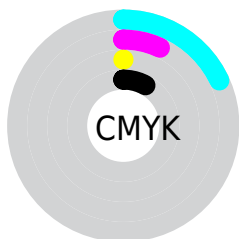
Distribution



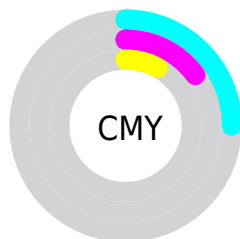
- Red (75%)
- Green (85%)
- Blue (92%)



- Red (75%)
- Yellow (82%)
- Blue (92%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (25%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.4630, 11.1107, -17.0691 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 211.4630, 11.1107, -17.0691 by changing the saturation by 10% instead.

■ 211.4630, 11.1107,
-17.0691

■ 211.4630, 11.1107,
-17.0691

255.0000, 0.0000,
0.0000

■ 183.7620, 10.9633,
-16.4543

■ 253.2060, 0.8844,
-3.6887

■ 156.6480, 10.5265,
-16.3543

■ 130.6480, 10.5265,
-16.3543

■ 105.5340, 10.0897,
-16.2543

■ 80.8330, 9.9423,
-15.6395

■ 57.7190, 9.5055,
-15.5396

■ 35.3060, 9.2161,

-16.0544

■ 16.0890, 8.3371,
-14.1101

■ 0.9120, 3.4944,
-0.7998

■ 211.4630, 11.1107,
-17.0691

■ 211.4630, 11.1107,
-17.0691

■ 199.3030, 17.1056,
-26.5757

■ 223.6230, 5.1159,
-7.5624

■ 186.2570, 23.5373,
-36.1824

■ 236.6690, -1.3158,
2.0443

■ 174.0970, 29.5322,
-45.6891

■ 246.7360, -6.2788,
7.2475

■ 161.0510, 35.9639,
-55.2957

■ 252.6060, -9.1728,
2.0995

■ 148.8910, 41.9587,
-64.8024

■ 136.1440, 48.2430,
-73.7943

■ 123.6850, 54.3853,
-83.9157

■ 110.9380, 60.6696,
-92.9076

■ 108.2690, 61.9854,
-94.9519

Harmonies

Analogous

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



209.7460, 8.5062, -21.7022



211.4630, 11.1107, -17.0691



213.2300, 11.2256, -7.2177

Triad

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



211.4630, 11.1107, -17.0691



216.1380, -2.5330, 19.1730



211.5020, -8.1355, -3.9483

Complementary

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



211.4630, 11.1107, -17.0691



214.5370, -11.1107, 17.0691

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.



212.5850, -10.6414, 6.5030



211.4630, 11.1107, -17.0691



215.4710, -7.6272, 19.7579

Square

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



211.4630, 11.1107, -17.0691



216.0000, 3.4510, 13.1550



214.3410, -10.5211, 14.6099



210.1140, -3.0142, -13.2550

Rectangle

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



211.4630, 11.1107, -17.0691



214.5190, 9.6041, -0.4552



214.3410, -10.5211, 14.6099



212.1820, -9.4567, -0.1596

Sweetspot

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



211.4630, 11.1107, -17.0691



248.1780, 3.3632, -5.4181



218.5920, -4.7289, -23.3212



123.2600, 2.3368, -2.8590



0.0000, 0.0000, 0.0000



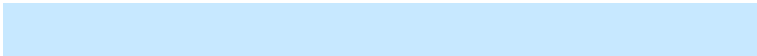
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



211.4630, 11.1107, -17.0691



224.7550, 14.9108, -22.5871



199.1360, 17.1880, -6.2583



111.3630, 2.7790, -4.7034



84.0300, 47.8062, -73.6943



24.9400, 14.3266, -21.8724

Inverse Universe

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



207.4080, 4.7289, 23.3212



219.5060, 6.1595, 31.1282



226.8640, -17.1880, 6.2583



110.0870, 1.4361, 6.0627



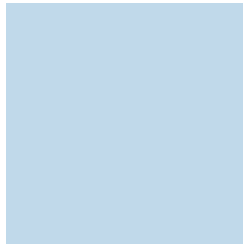
66.4310, 20.4935, 100.4770



19.7940, 6.0176, 29.9987

Previews

White Background



This preview shows how the YUV color 211.4630, 11.1107, -17.0691 looks on a white background.

Color Contrast Check

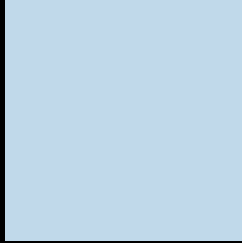
Large Text (above 18pt) WCAG AA × Fail

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 211.4630, 11.1107, -17.0691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

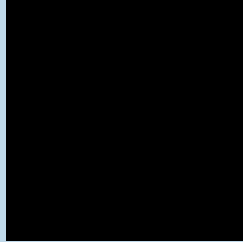
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

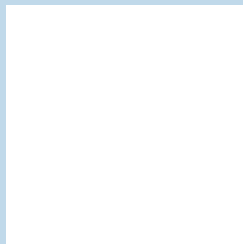
Any Text WCAG AAA ✓ Pass

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

YUV 211.4630, 11.1107, -17.0691 Background



This preview shows how black text looks on a background with the YUV color 211.4630, 11.1107, -17.0691.



This preview shows how white text looks on a background with the YUV color 211.4630, 11.1107, -17.0691.

-17.0691.

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

211.4630, 11.1107, -17.0691

Protanopia

214.1660, 8.2992, -1.8996

Deuteranopia

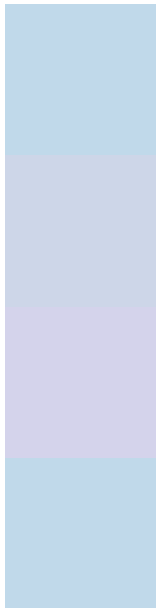
215.0900, 10.3086, 6.9371



Tritanopia

211.4630, 11.1107, -17.0691

Trichromacy



Original Color

211.4630, 11.1107, -17.0691

Protanomaly

213.3610, 9.1890, -7.3326

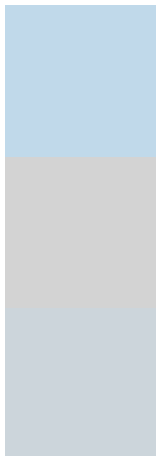
Deuteranomaly

214.0350, 10.3357, -1.7847

Tritanomaly

211.4630, 11.1107, -17.0691

Monochromacy



Original Color

211.4630, 11.1107, -17.0691

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.9930, 3.9475, -6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.4630, 11.1107, -17.0691 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(192, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(192, 217, 234)  
}
```

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(192, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 217, 234) }
```

Border

The CSS property to change the border of an element to YUV 211.4630, 11.1107, -17.0691 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(192, 217, 234) }
```


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

```
.border{ border-color:rgb(192, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(192, 217,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 211.4630, 11.1107, -17.0691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 217, 234) }
```

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

```
.background{ background-color: rgb(192,  
217, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor