

Converting Colors

YUV(178.9500, -88.2223,
16.7069)

Have a look what the booklet for
YUV(178.9500, -88.2223, 16.7069)
contains.

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Color

**YUV(178.9500, -88.2223,
16.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CC00
RGB	198, 204, 0
RGB Percent	78%, 80%, 0%
CMY	0.2235, 0.2000, 1.0000
CMYK	0.03, 0.00, 1.00, 0.20
HSL	62°, 100%, 40%
HSV	62°, 100%, 80%
XYZ	44.8816, 55.1915, 8.2875
YIQ	178.9500, 61.9080, -64.7160

Conversions

Conversions Part 2

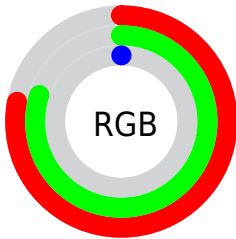
Format	Color
RYB	0, 204, 6
Decimal	13028352
CIELab	79.15, -20.78, 79.30
CIELCh	79, 81.973, 104.684
Yxy	55.1915, 0.4142, 0.5093
Android (android.graphics.Color)	4291218432 (0xFFC6CC00)
YUV	178.9500, -88.2223, 16.7069
Hunter-Lab	74.2910, -22.1716, 45.3896

Details

The YUV color **178.9500, -88.2223, 16.7069** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **25.0500, 88.2223, -16.7068**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6200, -74.2557, 16.9963**, and **129.6110, -63.8982, 8.2342** is the 20% darker color. If you saturate the color by 10%, you get **178.9500, -88.2223, 16.7069**, and if you desaturate by 10%, it is **181.5290, -79.6338, 15.3221**.

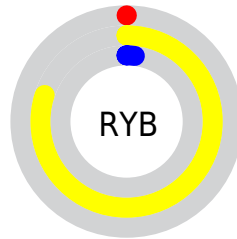
Distribution



Red (78%)

Green (80%)

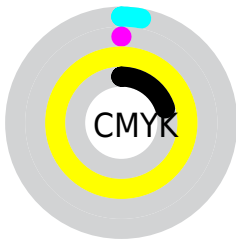
Blue (0%)



Red (0%)

Yellow (80%)

Blue (2%)

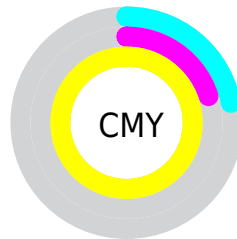


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (22%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.9500, -88.2223, 16.7069 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 178.9500, -88.2223, 16.7069 by changing the saturation by 10% instead.


 178.9500,
-88.2223, 16.7069

 178.9500,
-88.2223, 16.7069


255.0000, 0.0000,
0.0000


 154.1310,
-75.9866, 12.1631


 235.6200,
-74.2557, 16.9963

 129.6110,
-63.8982, 8.2342


 238.9260,
-61.5885, 14.0969

 105.9770,
-52.2467, 4.4052


 242.2320,
-48.9214, 11.1975

 83.5170, -41.1739,
-0.4534

 245.5380,
-36.2542, 8.2982

 61.0570, -30.1011,
-5.3120

 248.8440,
-23.5871, 5.3988

 39.7820, -19.6125,
-9.4558

 252.2640,

 18.7840, -9.2605,

-10.4832, 2.3995

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 178.9500,
-88.2223, 16.7069

■ 181.5290,
-79.6338, 15.3221

■ 183.9230,
-70.4610, 13.2225

■ 186.5020,
-61.8725, 11.8377

■ 188.8960,
-52.6997, 9.7382

■ 191.4750,
-44.1112, 8.3534

■ 194.0540,
-35.5226, 6.9686

■ 196.4480,
-26.3499, 4.8691

■ 199.0270,
-17.7613, 3.4843

■ 201.4210, -8.5886,
1.3848

Harmonies

Analogous

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



183.5810, -78.1804, 62.6345



178.9500, -88.2223, 16.7069



170.3240, -45.5157, -54.6581

Triad

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



178.9500, -88.2223, 16.7069



162.9060, 45.4023, -142.8686



177.3390, 29.9059, 68.1087

Complementary

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



178.9500, -88.2223, 16.7069



25.0500, 88.2223, -16.7068

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.



195.6690, 29.2502, 45.0173



178.9500, -88.2223, 16.7069



155.8620, 48.8750, -136.6910

Square

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



178.9500, -88.2223, 16.7069



162.7460, 34.6352, -142.7282



173.4680, 40.1953, -59.1694



165.1530, -1.5544, 78.7958

Rectangle

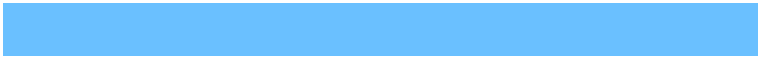
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



178.9500, -88.2223, 16.7069



147.7270, -10.2184, -129.5566



173.4680, 40.1953, -59.1694



184.5600, 34.7269, 61.7759

Sweetspot

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



178.9500, -88.2223, 16.7069



245.7380, -32.9018, 6.3688



62.7570, -30.9392, 123.8701



122.1580, -19.7979, 3.3694



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.



178.9500, -88.2223, 16.7069



223.8370, -110.3516, 21.1910



149.3490, -73.6291, -44.1561



100.8600, -4.3680, 0.9998



145.5810, -71.7714, 13.5225



33.3690, -16.4509, 3.1844

Inverse Universe

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



25.0500, 88.2223, -16.7068



31.1630, 110.3516, -21.1910



54.6510, 73.6291, 44.1561



93.1400, 4.3680, -0.9998



20.4190, 71.7714, -13.5225



4.6310, 16.4509, -3.1844

Previews

White Background



This preview shows how the YUV color 178.9500, -88.2223, 16.7069 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 178.9500, -88.2223, 16.7069 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 178.9500, -88.2223, 16.7069

Background



This preview shows how black text looks on a background with the YUV color 178.9500, -88.2223, 16.7069.



This preview shows how white text looks on a background with the YUV color 178.9500, -88.2223, 16.7069.

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

178.9500, -88.2223, 16.7069

Protanopia

181.1310, -89.2976, 34.9651

Deuteranopia

186.6830, -76.2587, 52.8980



Tritanopia

198.1740, 2.8722, 12.1254

Trichromacy



Original Color

178.9500, -88.2223, 16.7069

Protanomaly

180.5000, -88.9865, 28.5025

Deuteranomaly

184.0420, -80.8727, 39.4282

Tritanomaly

191.1780, -30.1608, 13.8759

Monochromacy



Original Color

178.9500, -88.2223, 16.7069

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.9660, -32.0282, 6.1688

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9500, -88.2223, 16.7069 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(198, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 0)  
}
```

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(198, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 0) }
```

Border

The CSS property to change the border of an element to YUV 178.9500, -88.2223, 16.7069 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(198, 204, 0) }
```


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

```
.border{ border-color:rgb(198, 204, 0) }
```

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

Here you see how a box with a 4 pixel rgb(198, 204, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 178.9500, -88.2223, 16.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 0) }
```

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

```
.background{ background-color: rgb(198,  
204, 0) }
```

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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