

Converting Colors

YUV(178.4470, -58.3944,
16.2710)

Have a look what the booklet for
YUV(178.4470, -58.3944, 16.2710)
contains.

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Color

**YUV(178.4470, -58.3944,
16.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C03C
RGB	197, 192, 60
RGB Percent	77%, 75%, 24%
CMY	0.2275, 0.2471, 0.7647
CMYK	0.00, 0.03, 0.70, 0.23
HSL	58°, 54%, 50%
HSV	58°, 70%, 77%
XYZ	42.6912, 49.8958, 11.6558
YIQ	178.4470, 45.3520, -39.9920

Conversions

Conversions Part 2

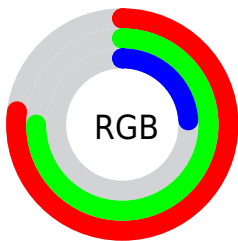
Format	Color
RYB	65, 197, 60
Decimal	12959804
CIELab	76.01, -13.66, 63.67
CIELCh	76, 65.115, 102.108
Yxy	49.8958, 0.4095, 0.4787
Android (android.graphics.Color)	4291149884 (0xFFC5C03C)
YUV	178.4470, -58.3944, 16.2710
Hunter-Lab	70.6370, -15.7338, 39.6625

Details

The YUV color $178.4470, -58.3944, 16.2710$ is a light color, and the websafe version is hex `CCCC33`. The color can be described as light muted yellow. A complement of this color would be $78.5530, 58.3944, -16.2710$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.9310, -59.1260, 17.6005$, and $123.4530, -60.8623, 14.5117$ is the 20% darker color. If you saturate the color by 10%, you get $175.5800, -66.8409, 18.7853$, and if you desaturate by 10%, it is $181.3140, -49.9478, 13.7566$.

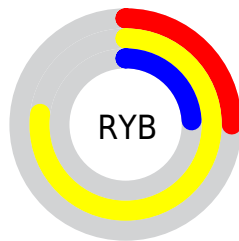
Distribution



Red (77%)

Green (75%)

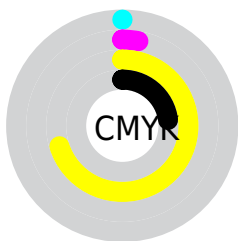
Blue (24%)



Red (25%)

Yellow (77%)

Blue (24%)

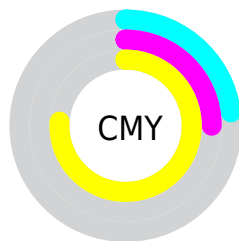


Cyan (0%)

Magenta (3%)

Yellow (70%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.4470, -58.3944, 16.2710 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 178.4470, -58.3944, 16.2710 by changing the saturation by 10% instead.

■ 178.4470,
-58.3944, 16.2710

■ 178.4470,
-58.3944, 16.2710

■ 255.0000, 0.0000,
0.0000

■ 150.3930,
-59.8467, 15.4413

■ 234.9310,
-59.1260, 17.6005

■ 123.4530,
-60.8623, 14.5117

■ 242.2320,
-48.9214, 11.1975

■ 100.4060,
-49.5002, 10.1679

■ 245.4240,
-36.6910, 8.3982

■ 77.6580, -38.2854,
6.4389

■ 248.6160,
-24.4607, 5.5988

■ 56.0840, -27.6494,
1.6803

■ 251.9220,
-11.7935, 2.6994

■ 35.6950, -17.5976,
-2.3635

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 178.4470,
-58.3944, 16.2710

■ 178.4470,
-58.3944, 16.2710

■ 175.5800,
-66.8409, 18.7853

■ 181.3140,
-49.9478, 13.7566

■ 173.4140,
-75.1401, 20.6849

■ 183.4800,
-41.6486, 11.8570

■ 170.5470,
-83.5867, 23.1993

■ 186.3470,
-33.2021, 9.3427

■ 170.4330,
-84.0235, 23.2993

■ 189.2140,
-24.7555, 6.8283

■ 192.0810,
-16.3089, 4.3140

■ 194.2470, -8.0098,
2.4144

■ 197.1140, 0.4368,
-0.1000

■ 199.9810, 8.8834,
-2.6143

■ 202.1470, 17.1825,
-4.5139

Harmonies

Analogous

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



182.9930, -56.1985, 58.7651



178.4470, -58.3944, 16.2710



170.3940, -38.1552, -35.4255

Triad

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



178.4470, -58.3944, 16.2710



154.6880, 49.4538, -135.6614



183.6020, 20.9022, 62.6160

Complementary

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



178.4470, -58.3944, 16.2710



78.5530, 58.3944, -16.2710

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.



189.9550, 32.0672, 28.1035



178.4470, -58.3944, 16.2710



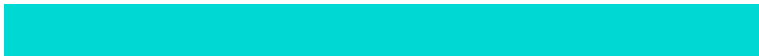
148.8180, 52.3477, -130.5134

Square

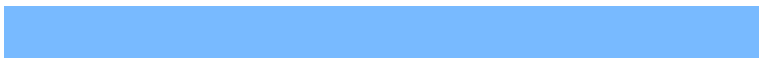
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



178.4470, -58.3944, 16.2710



151.4330, 29.3665, -132.8067



174.1320, 39.8679, -47.4738



173.1260, -4.0061, 71.8035

Rectangle

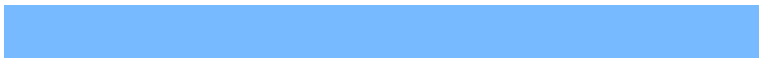
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



178.4470, -58.3944, 16.2710



157.8730, -14.7274, -83.2036



174.1320, 39.8679, -47.4738



189.2900, 27.4650, 57.6277

Sweetspot

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



178.4470, -58.3944, 16.2710



247.6700, -23.0083, 6.4284



101.7610, -17.1372, 83.5246



123.1780, -13.3988, 4.2289



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.



178.4470, -58.3944, 16.2710



226.1360, -90.2860, 25.3137



162.8440, -50.7021, -24.4192



97.9740, -3.9312, 0.8998



140.8960, -69.4617, 19.3852



30.7220, -15.1459, 4.6288

Inverse Universe

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



78.5530, 58.3944, -16.2710



71.8640, 90.2860, -25.3137



94.1560, 50.7021, 24.4192



91.0260, 3.9312, -0.8998



22.1040, 69.4617, -19.3852



4.6910, 15.4353, -4.1140

Previews

White Background



This preview shows how the YUV color 178.4470, -58.3944, 16.2710 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 178.4470, -58.3944, 16.2710 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 178.4470, -58.3944, 16.2710

Background



This preview shows how black text looks on a background with the YUV color 178.4470, -58.3944, 16.2710.



This preview shows how white text looks on a background with the YUV color 178.4470, -58.3944, 16.2710.

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

178.4470, -58.3944, 16.2710

Protanopia

179.8720, -59.5899, 26.4223

Deuteranopia

181.8620, -57.6130, 45.7250



Tritanopia

189.5660, 1.6930, 17.0436

Trichromacy



Original Color

178.4470, -58.3944, 16.2710

Protanomaly

178.9640, -59.1423, 22.8336

Deuteranomaly

180.6820, -58.0172, 35.3589

Tritanomaly

185.8330, -20.1307, 16.8095

Monochromacy



Original Color

178.4470, -58.3944, 16.2710

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1260, -21.2611, 6.0285

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4470, -58.3944, 16.2710 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(197, 192, 60)` looks like.

```
.text, #text, p{  
    color:rgb(197, 192, 60)  
}
```

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(197, 192, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 192, 60) }
```

Border

The CSS property to change the border of an element to YUV 178.4470, -58.3944, 16.2710 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(197, 192, 60) }
```


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

```
.border{ border-color:rgb(197, 192, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 192, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 192, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 192, 60);  
box-shadow:4px 4px 4px 4px rgb(197, 192,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 178.4470, -58.3944, 16.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 192, 60) }
```

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

```
.background{ background-color: rgb(197,  
192, 60) }
```

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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