

Converting Colors

YUV(177.7480, -58.0498,
45.8250)

Have a look what the booklet for
YUV(177.7480, -58.0498, 45.8250)
contains.

YUV(177.7480, -58.0498, 45.8250)	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(177.7480, -58.0498,
45.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	E6AE3C
RGB	230, 174, 60
RGB Percent	90%, 68%, 24%
CMY	0.0980, 0.3176, 0.7647
CMYK	0.00, 0.24, 0.74, 0.10
HSL	40°, 77%, 57%
HSV	40°, 74%, 90%
XYZ	48.5848, 47.4213, 10.8675
YIQ	177.7480, 69.9700, -23.5820

Conversions

Conversions Part 2

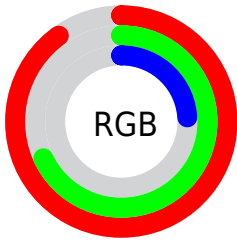
Format	Color
RYB	144, 230, 60
Decimal	15117884
CIELab	74.46, 9.88, 63.19
CIELCh	74, 63.957, 81.118
Yxy	47.4213, 0.4546, 0.4437
Android (android.graphics.Color)	4293307964 (0xFFE6AE3C)
YUV	177.7480, -58.0498, 45.8250
Hunter-Lab	68.8632, 5.4260, 38.8475

Details

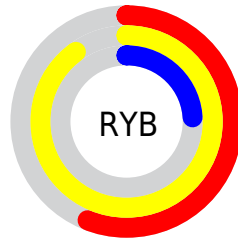
The YUV color **177.7480, -58.0498, 45.8250** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **112.2520, 58.0498, -45.8250**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6640, -54.0644, 27.4817**, and **122.4440, -60.3649, 41.7066** is the 20% darker color. If you saturate the color by 10%, you get **170.4300, -65.7810, 52.2429**, and if you desaturate by 10%, it is **185.0660, -50.3185, 39.4071**.

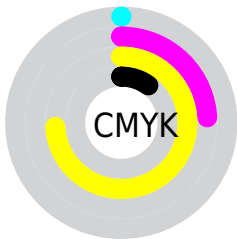
Distribution



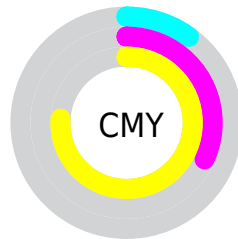
- Red (90%)
- Green (68%)
- Blue (24%)



- Red (56%)
- Yellow (90%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (74%)
- Black (10%)



- Cyan (10%)
- Magenta (32%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7480, -58.0498, 45.8250 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 177.7480, -58.0498, 45.8250 by changing the saturation by 10% instead.

177.7480,
-58.0498, 45.8250

177.7480,
-58.0498, 45.8250

255.0000, 0.0000,
0.0000

150.0960,
-59.2073, 43.7658

223.6640,
-54.0644, 27.4817

122.4440,
-60.3649, 41.7066

242.0040,
-49.7950, 11.3975

99.0980, -48.8553,
36.7481

245.1960,
-37.5646, 8.5981

76.9260, -37.9245,
30.7599

248.3880,
-25.3343, 5.7987

55.0530, -27.1411,
25.3865

251.6940,
-12.6671, 2.8994

34.6530, -17.0839,
19.5983

14.5630, -7.1796,

16.1692

■ 0.0000, 0.0000,
0.0000

■ 177.7480,
-58.0498, 45.8250

■ 177.7480,
-58.0498, 45.8250

■ 170.4300,
-65.7810, 52.2429

■ 185.0660,
-50.3185, 39.4071

■ 163.6990,
-73.8016, 58.1460

■ 191.7970,
-42.2979, 33.5040

■ 159.1680,
-78.4698, 62.1197

■ 199.1150,
-34.5667, 27.0861

■ 205.8460,
-26.5461, 21.1831

■ 213.1640,
-18.8149, 14.7652

■ 219.8950,
-10.7942, 8.8621

■ 227.2130, -3.0630,
2.4442

■ 234.5310, 4.6682,
-3.9737

■ 239.8940, 7.4473,
-8.6770

Harmonies

Analogous

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



175.4840, -40.6646, 69.7355



177.7480, -58.0498, 45.8250



173.0260, -53.2568, 1.7312

Triad

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



177.7480, -58.0498, 45.8250



149.9800, 36.4919, -131.5325



188.2820, 32.8920, 43.6027

Complementary

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



177.7480, -58.0498, 45.8250



112.2520, 58.0498, -45.8250

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.



178.1400, 37.8920, -20.2938



177.7480, -58.0498, 45.8250



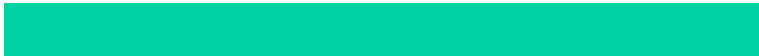
150.5790, 51.4796, -132.0578

Square

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



177.7480, -58.0498, 45.8250



142.4390, 10.1366, -124.9190



143.5350, 54.9522, -125.8802



176.8710, 12.8816, 68.5191

Rectangle

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



177.7480, -58.0498, 45.8250



167.1170, -38.0187, -32.5516



143.5350, 54.9522, -125.8802



186.1010, 33.9672, 25.3444

Sweetspot

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



177.7480, -58.0498, 45.8250



238.0500, -19.2516, 14.8652



117.3280, -0.1617, 98.8133



117.6670, -11.6678, 9.0620



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.



177.7480, -58.0498, 45.8250



185.0970, -77.4488, 61.3049



202.2480, -70.1283, -0.2175



111.2840, -4.0840, 3.2589



123.9610, -61.1128, 48.2692



35.2070, -17.3571, 13.8505

Inverse Universe

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



112.2520, 58.0498, -45.8250



97.9030, 77.4488, -61.3049



87.7520, 70.1283, 0.2175



106.7160, 4.0840, -3.2589



55.0390, 61.1128, -48.2692



15.7930, 17.3571, -13.8505

Previews

White Background



This preview shows how the YUV color 177.7480, -58.0498, 45.8250 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 177.7480, -58.0498, 45.8250 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 177.7480, -58.0498, 45.8250

Background



This preview shows how black text looks on a background with the YUV color 177.7480, -58.0498, 45.8250.



This preview shows how white text looks on a background with the YUV color 177.7480, -58.0498, 45.8250.

45.8250.

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

177.7480, -58.0498, 45.8250

Protanopia

176.4850, -55.9481, 25.0077

Deuteranopia

177.7480, -58.0498, 45.8250



Tritanopia

186.7930, -5.8139, 44.9085

Trichromacy



Original Color

177.7480, -58.0498, 45.8250

Protanomaly

176.7140, -56.5540, 32.6998

Deuteranomaly

177.7480, -58.0498, 45.8250

Tritanomaly

183.4560, -24.8748, 45.2041

Monochromacy



Original Color

177.7480, -58.0498, 45.8250

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1920, -21.2937, 16.4946

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7480, -58.0498, 45.8250 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(230, 174, 60)` looks like.

```
.text, #text, p{  
    color:rgb(230, 174, 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(230, 174, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 174, 60) }
```

Border

The CSS property to change the border of an element to YUV 177.7480, -58.0498, 45.8250 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(230, 174, 60) }
```


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

```
.border{ border-color:rgb(230, 174, 60) }
```

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

Here you see how a box with a 4 pixel rgb(230, 174, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 174, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 174, 60);  
box-shadow:4px 4px 4px 4px rgb(230, 174,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 177.7480, -58.0498, 45.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 174, 60) }
```

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

```
.background{ background-color: rgb(230,  
174, 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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