

Converting Colors

YUV(180.9880, -58.6611,
55.2615)

Have a look what the booklet for
YUV(180.9880, -58.6611, 55.2615)
contains.

YUV(180.9880, -58.6611, 55.2615)	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(180.9880, -58.6611,
55.2615)**

Conversions

Conversions Part 1

Format	Color
Hex	F4AC3E
RGB	244, 172, 62
RGB Percent	96%, 67%, 24%
CMY	0.0431, 0.3255, 0.7569
CMYK	0.00, 0.30, 0.75, 0.04
HSL	36°, 89%, 60%
HSV	36°, 75%, 96%
XYZ	52.9303, 49.0859, 11.2422
YIQ	180.9880, 78.2220, -18.9460

Conversions

Conversions Part 2

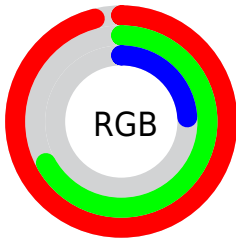
Format	Color
RYB	181, 244, 62
Decimal	16034878
CIELab	75.50, 16.95, 63.94
CIELCh	76, 66.147, 75.156
Yxy	49.0859, 0.4673, 0.4334
Android (android.graphics.Color)	4294224958 (0xFFFF4AC3E)
YUV	180.9880, -58.6611, 55.2615
Hunter-Lab	70.0614, 12.2465, 39.5291

Details

The YUV color **180.9880, -58.6611, 55.2615** 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 **125.0120, 58.6611, -55.2615**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7180, -52.6120, 28.3113**, and **125.1570, -61.7024, 50.7283** is the 20% darker color. If you saturate the color by 10%, you get **172.3820, -66.2503, 62.8090**, and if you desaturate by 10%, it is **189.5940, -51.0718, 47.7141**.

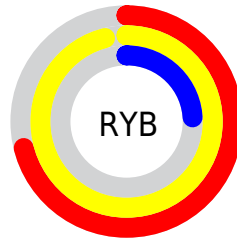
Distribution



Red (96%)

Green (67%)

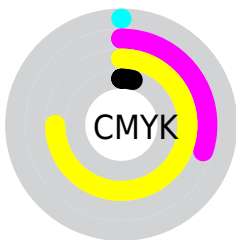
Blue (24%)



Red (71%)

Yellow (96%)

Blue (24%)

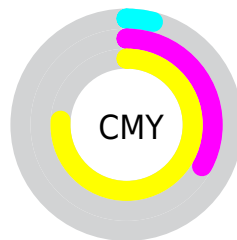


Cyan (0%)

Magenta (30%)

Yellow (75%)

Black (4%)



Cyan (4%)

Magenta (33%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9880, -58.6611, 55.2615 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 180.9880, -58.6611, 55.2615 by changing the saturation by 10% instead.

180.9880,
-58.6611, 55.2615

180.9880,
-58.6611, 55.2615

255.0000, 0.0000,
0.0000

152.5640,
-58.9451, 53.0024

222.7180,
-52.6120, 28.3113

125.1570,
-61.7024, 50.7283

242.2320,
-48.9214, 11.1975

101.5120,
-50.0454, 45.1550

245.4240,
-36.6910, 8.3982

78.7530, -38.8252,
39.6816

248.6160,
-24.4607, 5.5988

57.1680, -28.1838,
33.1787

251.9220,
-11.7935, 2.6994

36.7680, -18.1266,
27.3905

16.0800, -7.9274,

22.7318

■ 0.0000, 0.0000,
0.0000

■ 180.9880,
-58.6611, 55.2615

■ 180.9880,
-58.6611, 55.2615

■ 172.3820,
-66.2503, 62.8090

■ 189.5940,
-51.0718, 47.7141

■ 164.2490,
-74.5658, 69.9416

■ 197.7270,
-42.7564, 40.5814

■ 159.2450,
-78.5078, 74.3301

■ 206.3330,
-35.1672, 33.0340

■ 215.0530,
-27.1411, 25.3865

■ 223.0720,
-19.2625, 18.3539

■ 231.6780,
-11.6733, 10.8064

■ 240.3980, -3.6472,
3.1590

■ 248.1890, 3.3578,
-3.6738

■ 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



174.7490, -35.8653, 70.3801



180.9880, -58.6611, 55.2615



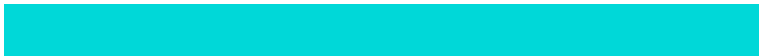
176.4140, -58.3781, 11.0379

Triad

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



180.9880, -58.6611, 55.2615



151.4160, 31.8399, -132.7918



189.7000, 32.1929, 34.4661

Complementary

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



180.9880, -58.6611, 55.2615



125.0120, 58.6611, -55.2615

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.



175.0730, 39.4040, -38.6520



180.9880, -58.6611, 55.2615



153.5140, 50.0326, -134.6318

Square

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



180.9880, -58.6611, 55.2615



143.0600, 4.9004, -125.4636



147.0570, 53.2159, -128.9690



180.4560, 19.0022, 65.3751

Rectangle

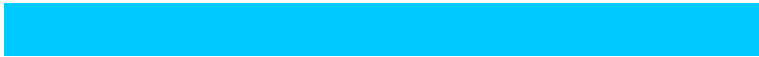
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



180.9880, -58.6611, 55.2615



171.0490, -44.8872, -22.8450



147.0570, 53.2159, -128.9690



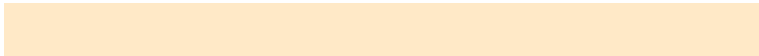
186.3230, 33.8578, 13.7487

Sweetspot

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



180.9880, -58.6611, 55.2615



235.7020, -18.0941, 16.9243



124.7400, 5.0582, 104.5910



115.9060, -10.7997, 10.6064



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.



180.9880, -58.6611, 55.2615



175.3630, -74.1290, 69.8416



217.8700, -76.8439, 7.1300



118.2840, -4.0840, 3.2589



121.9450, -60.1189, 56.1762



38.1860, -18.8257, 18.2539

Inverse Universe

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



125.0120, 58.6611, -55.2615



104.6370, 74.1290, -69.8416



88.1300, 76.8439, -7.1300



114.3030, 3.7946, -3.7737



64.6420, 59.8295, -56.6910



20.2270, 19.1151, -17.7391

Previews

White Background



This preview shows how the YUV color 180.9880, -58.6611, 55.2615 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 180.9880, -58.6611, 55.2615 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 180.9880, -58.6611, 55.2615 Background



This preview shows how black text looks on a background with the YUV color 180.9880, -58.6611, 55.2615.



This preview shows how white text looks on a background with the YUV color 180.9880, -58.6611,

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

180.9880, -58.6611, 55.2615

Protanopia

179.4850, -55.9481, 25.0077

Deuteranopia

180.4060, -59.3602, 46.1249



Tritanopia

189.2780, -8.0251, 54.1302

Trichromacy



Original Color

180.9880, -58.6611, 55.2615

Protanomaly

180.3230, -56.8542, 35.6737

Deuteranomaly

180.5420, -58.9342, 49.5137

Tritanomaly

186.1690, -26.2123, 54.2258

Monochromacy



Original Color

180.9880, -58.6611, 55.2615

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.2140, -21.3045, 19.9833

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9880, -58.6611, 55.2615 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(244, 172, 62)` looks like.

```
.text, #text, p{  
    color:rgb(244, 172, 62)  
}
```

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(244, 172, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 172, 62) }
```

Border

The CSS property to change the border of an element to YUV 180.9880, -58.6611, 55.2615 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(244, 172, 62) }
```


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

```
.border{ border-color:rgb(244, 172, 62) }
```

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

Here you see how a box with a 4 pixel rgb(244, 172, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 172, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 172, 62);  
box-shadow:4px 4px 4px 4px rgb(244, 172,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 180.9880, -58.6611, 55.2615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 172, 62) }
```

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

```
.background{ background-color: rgb(244,  
172, 62) }
```

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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