

Converting Colors

YUV(178.5580, -59.9281,
41.6066)

Have a look what the booklet for
YUV(178.5580, -59.9281, 41.6066)
contains.

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Color

**YUV(178.5580, -59.9281,
41.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B239
RGB	226, 178, 57
RGB Percent	89%, 70%, 22%
CMY	0.1137, 0.3020, 0.7765
CMYK	0.00, 0.21, 0.75, 0.11
HSL	43°, 74%, 55%
HSV	43°, 75%, 89%
XYZ	48.0229, 48.3049, 10.6636
YIQ	178.5580, 67.4490, -27.4550

Conversions

Conversions Part 2

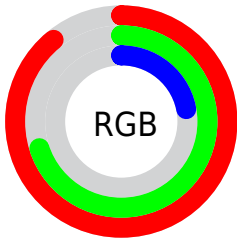
Format	Color
RYB	124, 226, 57
Decimal	14856761
CIELab	75.02, 5.92, 64.74
CIELCh	75, 65.007, 84.774
Yxy	48.3049, 0.4488, 0.4515
Android (android.graphics.Color)	4293046841 (0xFFE2B239)
YUV	178.5580, -59.9281, 41.6066
Hunter-Lab	69.5018, 1.7083, 39.5544

Details

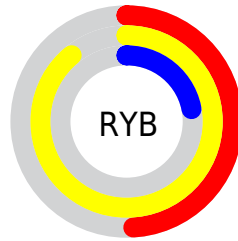
The YUV color **178.5580, -59.9281, 41.6066** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **104.4420, 59.9281, -41.6066**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7840, -56.0955, 25.6224**, and **123.5960, -60.9328, 37.1883** is the 20% darker color. If you saturate the color by 10%, you get **172.4140, -68.2381, 46.9949**, and if you desaturate by 10%, it is **184.7020, -51.6181, 36.2183**.

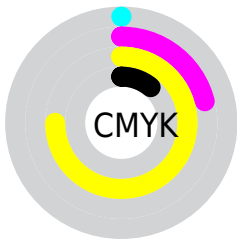
Distribution



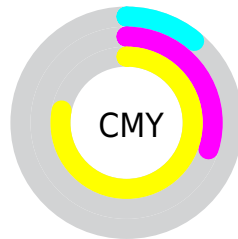
- Red (89%)
- Green (70%)
- Blue (22%)



- Red (49%)
- Yellow (89%)
- Blue (22%)



- Cyan (0%)
- Magenta (21%)
- Yellow (75%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.5580, -59.9281, 41.6066 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 178.5580, -59.9281, 41.6066 by changing the saturation by 10% instead.

■ 178.5580,
-59.9281, 41.6066

■ 178.5580,
-59.9281, 41.6066

■ 255.0000, 0.0000,
0.0000

■ 150.2050,
-61.2331, 40.1622

■ 225.7840,
-56.0955, 25.6224

■ 123.5960,
-60.9328, 37.1883

■ 241.7760,
-50.6686, 11.5974

■ 100.2500,
-49.4232, 32.2298

■ 244.9680,
-38.4382, 8.7981

■ 77.7900, -38.3505,
27.3712

■ 248.1600,
-26.2079, 5.9987

■ 56.5040, -27.8565,
21.4830

■ 251.4660,
-13.5407, 3.0993

■ 36.4030, -17.9467,
16.3096

254.8860, -0.4368,

■ 16.6010, -8.1843,

0.1000

11.7509

■ 0.0000, 0.0000,
0.0000

■ 178.5580,
-59.9281, 41.6066

■ 178.5580,
-59.9281, 41.6066

■ 172.4140,
-68.2381, 46.9949

■ 184.7020,
-51.6181, 36.2183

■ 165.7970,
-75.8219, 52.7980

■ 191.3190,
-44.0343, 30.4152

■ 162.6680,
-80.1953, 55.5422

■ 197.4630,
-35.7243, 25.0269

■ 204.0800,
-28.1404, 19.2238

■ 210.2240,
-19.8304, 13.8356

■ 216.9550,
-11.8098, 7.9325

■ 222.9850, -3.9366,
2.6442

■ 229.1290, 4.3734,
-2.7441

■ 235.1760, 9.7732,
-8.0474

Harmonies

Analogous

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



177.1480, -44.4430, 68.2762



178.5580, -59.9281, 41.6066



173.0360, -51.7827, -4.4166

Triad

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



178.5580, -59.9281, 41.6066



151.5930, 40.1337, -132.9471



190.0980, 31.9967, 50.7801

Complementary

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



178.5580, -59.9281, 41.6066



104.4420, 59.9281, -41.6066

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.



180.8530, 36.5545, -11.2721



178.5580, -59.9281, 41.6066



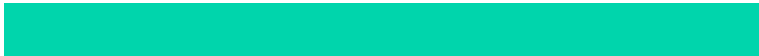
151.1660, 51.1902, -132.5726

Square

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



178.5580, -59.9281, 41.6066



144.6390, 13.4890, -126.8484



143.5350, 54.9522, -125.8802



175.7140, 10.9870, 69.5338

Rectangle

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



178.5580, -59.9281, 41.6066



167.3440, -35.6656, -40.6437



143.5350, 54.9522, -125.8802



188.2160, 32.9245, 33.1366

Sweetspot

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



178.5580, -59.9281, 41.6066



239.2240, -19.8304, 13.8356



113.3450, -2.6351, 98.7984



118.2540, -11.9572, 8.5472



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.



178.5580, -59.9281, 41.6066



190.6250, -81.6531, 56.4569



196.5680, -68.8070, -4.0061



108.9850, -3.9366, 2.6442



126.5860, -62.4069, 43.3361



34.8970, -17.2042, 11.4913

Inverse Universe

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



104.4420, 59.9281, -41.6066



89.9620, 81.3637, -56.9717



86.4320, 68.8070, 4.0061



104.0150, 3.9366, -2.6442



49.4140, 62.4069, -43.3361



13.6900, 16.9148, -12.0061

Previews

White Background



This preview shows how the YUV color 178.5580, -59.9281, 41.6066 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 178.5580, -59.9281, 41.6066 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 178.5580, -59.9281, 41.6066

Background



This preview shows how black text looks on a background with the YUV color 178.5580, -59.9281, 41.6066.



This preview shows how white text looks on a background with the YUV color 178.5580, -59.9281, 41.6066.

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

178.5580, -59.9281, 41.6066

Protanopia

177.2140, -58.2795, 26.1223

Deuteranopia

179.2920, -59.7970, 46.2249



Tritanopia

187.8140, -4.3453, 40.5051

Trichromacy



Original Color

178.5580, -59.9281, 41.6066

Protanomaly

177.4320, -58.8800, 32.0701

Deuteranomaly

179.2810, -59.7915, 44.4806

Tritanomaly

184.2490, -24.2798, 41.0006

Monochromacy



Original Color

178.5580, -59.9281, 41.6066

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.0670, -21.7250, 14.8502

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.5580, -59.9281, 41.6066 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(226, 178, 57)` looks like.

```
.text, #text, p{  
    color:rgb(226, 178, 57)  
}
```

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(226, 178, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 178, 57) }
```

Border

The CSS property to change the border of an element to YUV 178.5580, -59.9281, 41.6066 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(226, 178, 57) }
```


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

```
.border{ border-color:rgb(226, 178, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 178, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 178, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 178, 57);  
box-shadow:4px 4px 4px 4px rgb(226, 178,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 178.5580, -59.9281, 41.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 178, 57) }
```

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

```
.background{ background-color: rgb(226,  
178, 57) }
```

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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