

Converting Colors

YUV(158.5090, -58.9179,
44.2806)

Have a look what the booklet for
YUV(158.5090, -58.9179, 44.2806)
contains.

YUV(158.5090, -58.9179, 44.2806)	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(158.5090, -58.9179,
44.2806)**

Conversions

Conversions Part 1

Format	Color
Hex	D19C27
RGB	209, 156, 39
RGB Percent	82%, 61%, 15%
CMY	0.1804, 0.3882, 0.8471
CMYK	0.00, 0.25, 0.81, 0.18
HSL	41°, 69%, 49%
HSV	41°, 81%, 82%
XYZ	38.5492, 37.4787, 7.1218
YIQ	158.5090, 69.1450, -25.1510

Conversions

Conversions Part 2

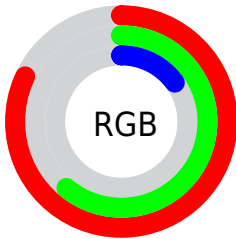
Format	Color
RYB	116, 209, 39
Decimal	13736999
CIELab	67.63, 9.61, 63.62
CIElCh	68, 64.338, 81.406
Yxy	37.4787, 0.4636, 0.4507
Android (android.graphics.Color)	4291927079 (0xFFD19C27)
YUV	158.5090, -58.9179, 44.2806
Hunter-Lab	61.2199, 5.2638, 35.9566

Details

The YUV color **158.5090, -58.9179, 44.2806** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **89.4910, 58.9179, -44.2806**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3450, -56.8651, 39.1624**, and **106.4850, -52.4971, 38.1627** is the 20% darker color. If you saturate the color by 10%, you get **152.0060, -66.0650, 49.9837**, and if you desaturate by 10%, it is **165.0120, -51.7709, 38.5775**.

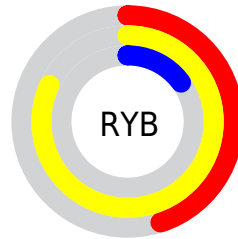
Distribution



Red (82%)

Green (61%)

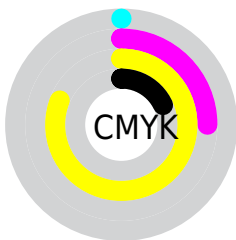
Blue (15%)



Red (45%)

Yellow (82%)

Blue (15%)

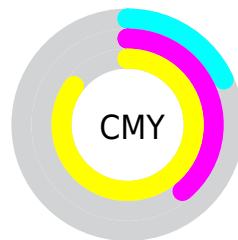


Cyan (0%)

Magenta (25%)

Yellow (81%)

Black (18%)



Cyan (18%)

Magenta (39%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5090, -58.9179, 44.2806 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 158.5090, -58.9179, 44.2806 by changing the saturation by 10% instead.

■ 158.5090,
-58.9179, 44.2806

■ 158.5090,
-58.9179, 44.2806

■ 255.0000, 0.0000,
0.0000

■ 129.8310,
-64.0067, 43.1212

■ 210.3450,
-56.8651, 39.1624

■ 106.4850,
-52.4971, 38.1627

■ 229.8590,
-53.1745, 22.0487

■ 83.7260, -41.2769,
32.6893

■ 242.9160,
-46.3006, 10.5977

■ 61.8530, -30.4935,
27.3159

■ 246.1080,
-34.0702, 7.7983

■ 41.1540, -20.2889,
20.9129

■ 249.4140,
-21.4031, 4.8989

■ 21.9390, -10.8159,
15.8395

■ 252.7200, -8.7360,

■ 0.0000, 0.0000,

1.9996

0.0000

■ 158.5090,
-58.9179, 44.2806

■ 158.5090,
-58.9179, 44.2806

■ 152.0060,
-66.0650, 49.9837

■ 165.0120,
-51.7709, 38.5775

■ 147.0190,
-72.4804, 54.3573

■ 170.9280,
-44.3345, 33.3891

■ 177.4310,
-37.1875, 27.6860

■ 183.3470,
-29.7511, 22.4977

■ 189.8500,
-22.6040, 16.7946

■ 195.6520,
-15.6044, 11.7062

■ 202.1550, -8.4574,
6.0031

■ 208.0710, -1.0210,
0.8147

■ 214.5740, 6.1260,
-4.8884

Harmonies

Analogous

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



161.3710, -42.5809, 77.7276



158.5090, -58.9179, 44.2806



153.6130, -53.5462, 1.2164

Triad

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



158.5090, -58.9179, 44.2806



136.0740, 33.9805, -119.3369



169.5100, 33.7656, 43.4027

Complementary

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



158.5090, -58.9179, 44.2806



89.4910, 58.9179, -44.2806

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.



161.0070, 46.3385, -22.8081



158.5090, -58.9179, 44.2806



139.4260, 56.9780, -122.2766

Square

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



158.5090, -58.9179, 44.2806



128.7610, 8.4988, -112.9234



132.3820, 60.4507, -116.0990



162.9650, 10.3703, 80.7147

Rectangle

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



158.5090, -58.9179, 44.2806



148.5190, -37.7239, -33.7812



132.3820, 60.4507, -116.0990



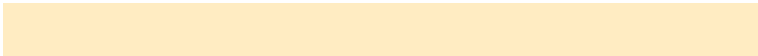
169.5120, 40.6666, 23.2300

Sweetspot

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



158.5090, -58.9179, 44.2806



236.8930, -21.1462, 15.8798



95.9860, -1.4721, 99.1133



116.7380, -12.6888, 9.8768



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.



158.5090, -58.9179, 44.2806



180.7140, -86.6270, 65.1488



180.3510, -69.6860, -2.0618



101.3980, -3.6472, 3.1590



118.3240, -58.3337, 43.5659



28.6950, -14.1466, 10.7915

Inverse Universe

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



89.4910, 58.9179, -44.2806



79.2860, 86.6270, -65.1488



67.6490, 69.6860, 2.0618



97.0150, 3.9366, -2.6442



49.6760, 58.3337, -43.5659



12.3050, 14.1466, -10.7915

Previews

White Background



This preview shows how the YUV color 158.5090, -58.9179, 44.2806 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 158.5090, -58.9179, 44.2806 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 158.5090, -58.9179, 44.2806

Background



This preview shows how black text looks on a background with the YUV color 158.5090, -58.9179, 44.2806.



This preview shows how white text looks on a background with the YUV color 158.5090, -58.9179, 44.2806.

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

158.5090, -58.9179, 44.2806

Protanopia

156.8440, -57.1111, 24.6928

Deuteranopia

158.7970, -59.0599, 43.1510



Tritanopia

167.4830, -5.6611, 42.5494

Trichromacy



Original Color

158.5090, -58.9179, 44.2806

Protanomaly

157.6600, -58.0064, 31.8702

Deuteranomaly

158.7970, -59.0599, 43.1510

Tritanomaly

164.0320, -25.1588, 42.9449

Monochromacy



Original Color

158.5090, -58.9179, 44.2806

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.7790, -21.5830, 15.9798

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5090, -58.9179, 44.2806 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(209, 156, 39)` looks like.

```
.text, #text, p{  
    color:rgb(209, 156, 39)  
}
```

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(209, 156, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 156, 39) }
```

Border

The CSS property to change the border of an element to YUV 158.5090, -58.9179, 44.2806 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(209, 156, 39) }
```


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

```
.border{ border-color:rgb(209, 156, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 156, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 156, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 156, 39);  
box-shadow:4px 4px 4px 4px rgb(209, 156,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 158.5090, -58.9179, 44.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 156, 39) }
```

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

```
.background{ background-color: rgb(209,  
156, 39) }
```

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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