

Converting Colors

YUV(158.2600, -78.0222,
58.5310)

Have a look what the booklet for
YUV(158.2600, -78.0222, 58.5310)
contains.

YUV(158.2600, -78.0222, 58.5310)	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>	30

Color

**YUV(158.2600, -78.0222,
58.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	E19B00
RGB	225, 155, 0
RGB Percent	88%, 61%, 0%
CMY	0.1176, 0.3922, 1.0000
CMYK	0.00, 0.31, 1.00, 0.12
HSL	41°, 100%, 44%
HSV	41°, 100%, 88%
XYZ	42.7727, 39.4502, 5.3603
YIQ	158.2600, 91.4750, -33.3650

Conversions

Conversions Part 2

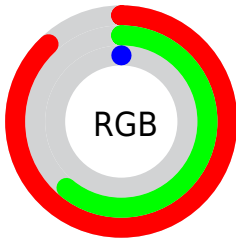
Format	Color
RYB	102, 225, 0
Decimal	14785280
CIELab	69.08, 16.45, 73.38
CIELCh	69, 75.204, 77.364
Yxy	39.4502, 0.4884, 0.4504
Android (android.graphics.Color)	4292975360 (0xFFE19B00)
YUV	158.2600, -78.0222, 58.5310
Hunter-Lab	62.8094, 11.6405, 38.9067

Details

The YUV color **158.2600, -78.0222, 58.5310** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **66.7400, 78.0222, -58.5310**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5920, -64.8749, 41.5768**, and **110.0840, -54.2714, 47.2843** is the 20% darker color. If you saturate the color by 10%, you get **158.2600, -78.0222, 58.5310**, and if you desaturate by 10%, it is **164.8770, -70.4384, 52.7279**.

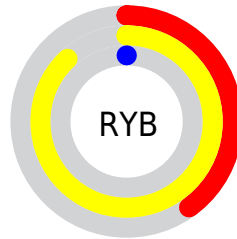
Distribution



Red (88%)

Green (61%)

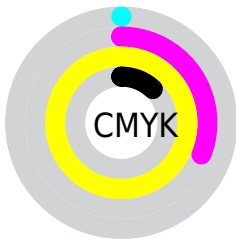
Blue (0%)



Red (40%)

Yellow (88%)

Blue (0%)

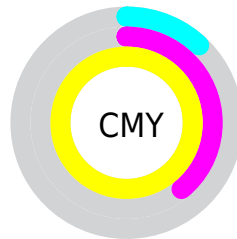


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.2600, -78.0222, 58.5310 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 158.2600, -78.0222, 58.5310 by changing the saturation by 10% instead.

158.2600,
-78.0222, 58.5310

158.2600,
-78.0222, 58.5310

255.0000, 0.0000,
0.0000

133.7290,
-65.9284, 52.8577

207.5920,
-64.8749, 41.5768

110.0840,
-54.2714, 47.2843

227.2200,
-60.7475, 24.3631

87.0260, -42.9038,
41.1962

240.9780,
-53.7262, 12.2973

64.8540, -31.9730,
35.2080

244.1700,
-41.4958, 9.4979

43.5680, -21.4790,
29.3199

247.4760,
-28.8287, 6.5985

23.7550, -11.7112,
23.0169

250.7820,

7.5890, -3.2484,

-16.1615, 3.6992

15.2694

254.0880, -3.4944,
0.7998

0.0000, 0.0000,
0.0000

158.2600,
-78.0222, 58.5310

164.8770,
-70.4384, 52.7279

171.6080,
-62.4177, 46.8248

178.3390,
-54.3971, 40.9217

184.9560,
-46.8133, 35.1186

191.6870,
-38.7927, 29.2155

■ 198.3040,
-31.2089, 23.4124

■ 204.9210,
-23.6251, 17.6093

■ 211.6520,
-15.6044, 11.7062

■ 218.3830, -7.5838,
5.8031

Harmonies

Analogous

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



158.0730, -43.9130, 85.0050



158.2600, -78.0222, 58.5310



152.9350, -75.3970, 9.7040

Triad

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



158.2600, -78.0222, 58.5310



140.9980, 32.5390, -123.6552



172.6330, 40.6069, 42.4179

Complementary

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



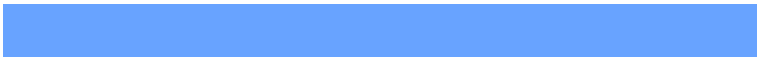
158.2600, -78.0222, 58.5310



66.7400, 78.0222, -58.5310

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.



155.8470, 48.8824, -45.4698



158.2600, -78.0222, 58.5310



144.1220, 54.6629, -126.3950

Square

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



158.2600, -78.0222, 58.5310



131.7300, 2.1051, -115.5272



137.6650, 57.8462, -120.7322



159.5060, 19.9635, 83.7482

Rectangle

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



158.2600, -78.0222, 58.5310



148.9140, -50.2436, -31.4966



137.6650, 57.8462, -120.7322



170.1200, 41.8458, 18.3118

Sweetspot

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



158.2600, -78.0222, 58.5310



232.2480, -26.2513, 19.9535



75.3690, -2.1539, 131.2264



113.9510, -15.7518, 12.3210



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.



158.2600, -78.0222, 58.5310



179.5570, -88.5216, 66.1635



187.0910, -92.2359, -2.7108



108.9850, -3.9366, 2.6442



123.6510, -60.9599, 45.9101



33.7230, -16.6254, 12.5209

Inverse Universe

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



66.7400, 78.0222, -58.5310



75.4430, 88.5216, -66.1635



37.9090, 92.2359, 2.7108



104.0150, 3.9366, -2.6442



52.3490, 60.9599, -45.9101



14.2770, 16.6254, -12.5209

Previews

White Background



This preview shows how the YUV color 158.2600, -78.0222, 58.5310 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 158.2600, -78.0222, 58.5310 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 158.2600, -78.0222, 58.5310

Background



This preview shows how black text looks on a background with the YUV color 158.2600, -78.0222, 58.5310.



This preview shows how white text looks on a background with the YUV color 158.2600, -78.0222, 58.5310.

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



Protanopia

157.9080, -70.9466, 29.0217

Deuteranopia

157.9060, -77.8477, 49.1944

Tritanopia

171.5660, -8.1670, 53.0006

Trichromacy



Protanomaly

157.9910, -73.4526, 39.4729

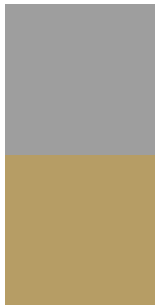
Deuteranomaly

157.9280, -77.8585, 52.6831

Tritanomaly

166.6330, -33.3431, 54.6959

Monochromacy



Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0910, -28.1459, 20.9682

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2600, -78.0222, 58.5310 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(225, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(225, 155, 0)  
}
```

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(225, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 155, 0) }
```

Border

The CSS property to change the border of an element to YUV 158.2600, -78.0222, 58.5310 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(225, 155, 0) }
```

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

```
.border{ border-color:rgb(225, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(225, 155,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 158.2600, -78.0222, 58.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 155, 0) }
```

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

```
.background{ background-color: rgb(225,  
155, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor