

Converting Colors

YUV(159.1900, -78.4807,
65.6084)

Have a look what the booklet for
YUV(159.1900, -78.4807, 65.6084)
contains.

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Color

**YUV(159.1900, -78.4807,
65.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9800
RGB	234, 152, 0
RGB Percent	92%, 60%, 0%
CMY	0.0824, 0.4039, 1.0000
CMYK	0.00, 0.35, 1.00, 0.08
HSL	39°, 100%, 46%
HSV	39°, 100%, 92%
XYZ	45.1599, 39.9489, 5.3307
YIQ	159.1900, 97.6640, -29.8880

Conversions

Conversions Part 2

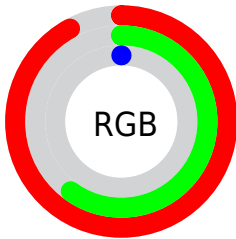
Format	Color
R _Y B	126, 234, 0
Decimal	15374336
CIE Lab	69.43, 21.91, 74.13
CIE LCh	69, 77.304, 73.533
Yxy	39.9489, 0.4993, 0.4417
Android (android.graphics.Color)	4293564416 (0xFFEA9800)
YUV	159.1900, -78.4807, 65.6084
Hunter-Lab	63.2051, 16.9288, 39.2431

Details

The YUV color **159.1900, -78.4807, 65.6084** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **74.8100, 78.4807, -65.6084**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8310, -64.0067, 43.1212**, and **110.7150, -54.5825, 53.7469** is the 20% darker color. If you saturate the color by 10%, you get **159.1900, -78.4807, 65.6084**, and if you desaturate by 10%, it is **166.5080, -70.7494, 59.1905**.

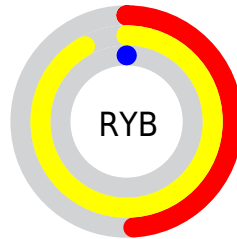
Distribution



Red (92%)

Green (60%)

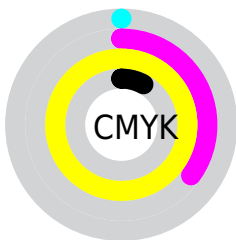
Blue (0%)



Red (49%)

Yellow (92%)

Blue (0%)

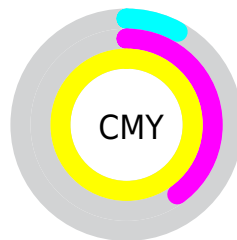


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1900, -78.4807, 65.6084 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 159.1900, -78.4807, 65.6084 by changing the saturation by 10% instead.

159.1900,
-78.4807, 65.6084

159.1900,
-78.4807, 65.6084

255.0000, 0.0000,
0.0000

134.6590,
-66.3869, 59.9351

205.8310,
-64.0067, 43.1212

110.7150,
-54.5825, 53.7469

225.4590,
-59.8793, 25.9075

87.6570, -43.2149,
47.6588

240.9780,
-53.7262, 12.2973

65.1860, -32.1367,
41.0559

244.1700,
-41.4958, 9.4979

43.6010, -21.4953,
34.5529

247.4760,
-28.8287, 6.5985

22.6140, -11.1487,
29.2795

250.7820,

9.9810, -4.4276,

-16.1615, 3.6992

20.1877

254.0880, -3.4944,
0.7998

0.0000, 0.0000,
0.0000

159.1900,
-78.4807, 65.6084

166.5080,
-70.7494, 59.1905

173.9400,
-62.5814, 52.6726

181.8450,
-55.1396, 45.7399

189.2770,
-46.9716, 39.2221

196.5950,
-39.2403, 32.8042

■ 203.9130,
-31.5091, 26.3863

■ 211.3450,
-23.3411, 19.8684

■ 219.2500,
-15.8993, 12.9358

■ 226.6820, -7.7312,
6.4179

Harmonies

Analogous

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



155.8220, -39.8452, 86.9791



159.1900, -78.4807, 65.6084



155.0390, -76.4342, 15.7518

Triad

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



159.1900, -78.4807, 65.6084



141.3740, 28.9026, -123.9850



172.2900, 40.7760, 34.8257

Complementary

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



159.1900, -78.4807, 65.6084



74.8100, 78.4807, -65.6084

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.



147.7300, 52.8841, -69.0462



159.1900, -78.4807, 65.6084



145.8830, 53.7947, -127.9394

Square

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



159.1900, -78.4807, 65.6084



131.2910, -2.1155, -115.1422



139.4260, 56.9780, -122.2766



161.3470, 24.4789, 82.1337

Rectangle

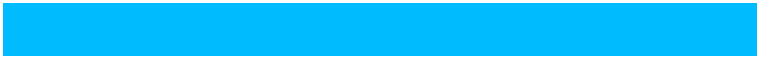
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



159.1900, -78.4807, 65.6084



150.3080, -57.8328, -23.9491



139.4260, 56.9780, -122.2766



168.8800, 42.4572, 8.8752

Sweetspot

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



159.1900, -78.4807, 65.6084



230.4870, -25.3831, 21.4979



79.7700, 3.0714, 135.2597



112.7770, -15.1731, 13.3506



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.



159.1900, -78.4807, 65.6084



173.6870, -85.6277, 71.3115



198.0550, -97.6411, 4.3368



113.3980, -3.6472, 3.1590



123.3850, -60.8288, 50.5284



36.6910, -18.0887, 15.1800

Inverse Universe

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



74.8100, 78.4807, -65.6084



81.3130, 85.6277, -71.3115



35.9450, 97.6411, -4.3368



109.6020, 3.6472, -3.1590



57.6150, 60.8288, -50.5284



17.3090, 18.0887, -15.1800

Previews

White Background



This preview shows how the YUV color 159.1900, -78.4807, 65.6084 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 159.1900, -78.4807, 65.6084 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 159.1900, -78.4807, 65.6084 Background



This preview shows how black text looks on a background with the YUV color 159.1900, -78.4807, 65.6084.



This preview shows how white text looks on a background with the YUV color 159.1900, -78.4807,

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

159.0220, -70.5098, 28.9217

Deuteranopia

158.7920, -78.2845, 49.2944

Tritanopia

171.8550, -9.7885, 59.7632

Trichromacy



Protanomaly

158.7140, -73.3160, 42.3468

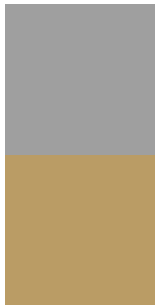
Deuteranomaly

159.1240, -78.4481, 55.1423

Tritanomaly

167.3350, -34.6752, 61.9732

Monochromacy



Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.7000, -28.4461, 23.9421

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1900, -78.4807, 65.6084 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(234, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(234, 152, 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(234, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 152, 0) }
```

Border

The CSS property to change the border of an element to YUV 159.1900, -78.4807, 65.6084 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(234, 152, 0) }
```

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

```
.border{ border-color:rgb(234, 152, 0) }
```

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

Here you see how a box with a 4 pixel rgb(234, 152, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(234, 152,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 159.1900, -78.4807, 65.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 152, 0) }
```

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

```
.background{ background-color: rgb(234,  
152, 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](#).

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