

Converting Colors

YUV(159.5440, -78.6552,
74.9449)

Have a look what the booklet for
YUV(159.5440, -78.6552, 74.9449)
contains.

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Color

**YUV(159.5440, -78.6552,
74.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	F59300
RGB	245, 147, 0
RGB Percent	96%, 58%, 0%
CMY	0.0392, 0.4235, 1.0000
CMYK	0.00, 0.40, 1.00, 0.04
HSL	36°, 100%, 48%
HSV	36°, 100%, 96%
XYZ	48.0899, 40.2799, 5.2402
YIQ	159.5440, 105.5950, -24.9410

Conversions

Conversions Part 2

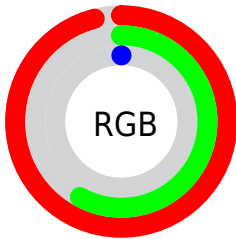
Format	Color
R_{YB}	163, 245, 0
Decimal	16093952
CIE _{Lab}	69.67, 29.16, 74.96
CIE _{LCh}	70, 80.428, 68.742
Yxy	40.2799, 0.5137, 0.4303
Android (android.graphics.Color)	4294284032 (0xFFFF59300)
YUV	159.5440, -78.6552, 74.9449
Hunter-Lab	63.4665, 24.1870, 39.5312

Details

The YUV color **159.5440, -78.6552, 74.9449** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **85.4560, 78.6552, -74.9449**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8960, -62.5597, 45.6952**, and **110.7700, -54.6096, 62.4687** is the 20% darker color. If you saturate the color by 10%, you get **159.5440, -78.6552, 74.9449**, and if you desaturate by 10%, it is **168.1500, -71.0659, 67.3975**.

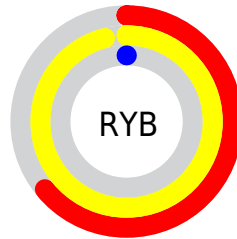
Distribution



Red (96%)

Green (58%)

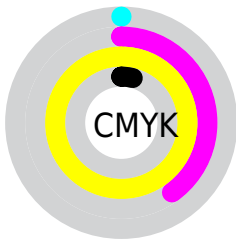
Blue (0%)



Red (64%)

Yellow (96%)

Blue (0%)

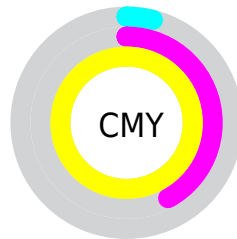


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5440, -78.6552, 74.9449 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 159.5440, -78.6552, 74.9449 by changing the saturation by 10% instead.

159.5440,
-78.6552, 74.9449

159.5440,
-78.6552, 74.9449

255.0000, 0.0000,
0.0000

134.7140,
-66.4140, 68.6568

202.8960,
-62.5597, 45.6952

110.7700,
-54.6096, 62.4687

223.1110,
-58.7217, 27.9667

86.8260, -42.8052,
56.2806

240.8640,
-54.1630, 12.3973

64.3550, -31.7270,
49.6777

244.1700,
-41.4958, 9.4979

42.1830, -20.7962,
43.6895

247.3620,
-29.2655, 6.6985

19.7230, -9.7234,
38.8309

250.6680,

12.3730, -5.6069,


-16.5983, 3.7992


25.1059

 253.9740, -3.9312,
0.8998

 0.0000, 0.0000,
0.0000


 159.5440,
-78.6552, 74.9449

 168.1500,
-71.0659, 67.3975

 176.8700,
-63.0399, 59.7500

 185.0030,
-54.7245, 52.6174

 193.6090,
-47.1352, 45.0699

 202.3290,
-39.1092, 37.4225

■ 210.9350,
-31.5200, 29.8750

■ 219.5410,
-23.9307, 22.3275

■ 227.6740,
-15.6153, 15.1949

■ 236.3940, -7.5892,
7.5475

Harmonies

Analogous

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



152.5110, -34.7619, 89.8829



159.5440, -78.6552, 74.9449



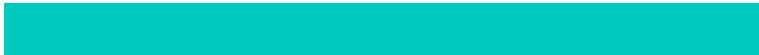
157.1540, -77.4769, 23.5439

Triad

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



159.5440, -78.6552, 74.9449



140.8210, 24.2452, -123.5000



170.7510, 41.5348, 24.7744

Complementary

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



159.5440, -78.6552, 74.9449



85.4560, 78.6552, -74.9449

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.



130.0340, 61.6082, -114.0398



159.5440, -78.6552, 74.9449



147.0570, 53.2159, -128.9690

Square

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



159.5440, -78.6552, 74.9449



130.3960, -8.0832, -114.3573



141.7740, 55.8204, -124.3358



163.5300, 30.3047, 80.2192

Rectangle

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



159.5440, -78.6552, 74.9449



149.2480, -73.5793, -13.3725



141.7740, 55.8204, -124.3358



165.8350, 43.9583, -5.9943

Sweetspot

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



159.5440, -78.6552, 74.9449



228.1390, -24.2255, 23.5571



84.4270, 6.6915, 140.8225



111.6030, -14.5943, 14.3802



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.



159.5440, -78.6552, 74.9449



166.0560, -81.8656, 78.0039



209.8940, -103.4777, 9.7400



118.2840, -4.0840, 3.2589



121.3580, -59.8295, 56.6910



38.1860, -18.8257, 18.2539

Inverse Universe

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



85.4560, 78.6552, -74.9449



88.9440, 81.8656, -78.0039



35.1060, 103.4777, -9.7400



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 159.5440, -78.6552, 74.9449 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 159.5440, -78.6552, 74.9449 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 159.5440, -78.6552, 74.9449

Background



This preview shows how black text looks on a background with the YUV color 159.5440, -78.6552, 74.9449.



This preview shows how white text looks on a background with the YUV color 159.5440, -78.6552, 74.9449.

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

159.9510, -69.4888, 28.1070

Deuteranopia

159.6780, -78.7213, 49.3944

Tritanopia

171.9270, -12.2890, 68.4700

Trichromacy



Protanomaly

159.5510, -72.7426, 45.1208

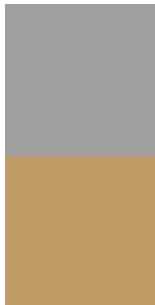
Deuteranomaly

160.0320, -78.8958, 58.7309

Tritanomaly

167.6350, -36.3021, 70.4801

Monochromacy



Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.7220, -28.4569, 27.4308

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5440, -78.6552, 74.9449 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(245, 147, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 147, 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(245, 147, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 147, 0) }
```

Border

The CSS property to change the border of an element to YUV 159.5440, -78.6552, 74.9449 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(245, 147, 0) }
```

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

```
.border{ border-color:rgb(245, 147, 0) }
```

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

Here you see how a box with a 4 pixel rgb(245, 147, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 147, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 147, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 147,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 159.5440, -78.6552, 74.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 147, 0) }
```

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

```
.background{ background-color: rgb(245,  
147, 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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