

Converting Colors

YUV(155.3360, -76.5806,
62.8493)

Have a look what the booklet for
YUV(155.3360, -76.5806, 62.8493)
contains.

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Color

**YUV(155.3360, -76.5806,
62.8493)**

Conversions

Conversions Part 1

Format	Color
Hex	E39500
RGB	227, 149, 0
RGB Percent	89%, 58%, 0%
CMY	0.1098, 0.4157, 1.0000
CMYK	0.00, 0.34, 1.00, 0.11
HSL	39°, 100%, 45%
HSV	39°, 100%, 89%
XYZ	42.4260, 37.8258, 5.0650
YIQ	155.3360, 94.3170, -29.8030

Conversions

Conversions Part 2

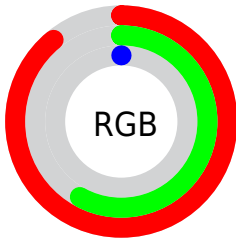
Format	Color
R_{YB}	119, 227, 0
Decimal	14914816
CIE _{Lab}	67.89, 20.52, 72.71
CIE _{LCh}	68, 75.552, 74.242
Yxy	37.8258, 0.4973, 0.4434
Android (android.graphics.Color)	4293104896 (0xFFE39500)
YUV	155.3360, -76.5806, 62.8493
Hunter-Lab	61.5027, 15.5039, 38.1691

Details

The YUV color **155.3360, -76.5806, 62.8493** 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 **71.6640, 76.5806, -62.8493**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9560, -63.5753, 44.7656**, and **106.8610, -52.6825, 50.9879** is the 20% darker color. If you saturate the color by 10%, you get **155.3360, -76.5806, 62.8493**, and if you desaturate by 10%, it is **162.6540, -68.8494, 56.4314**.

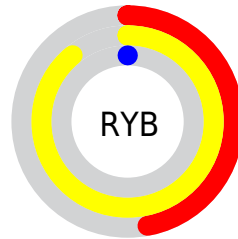
Distribution



Red (89%)

Green (58%)

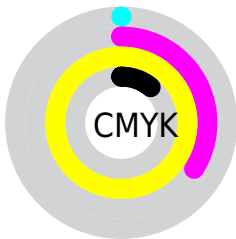
Blue (0%)



Red (47%)

Yellow (89%)

Blue (0%)

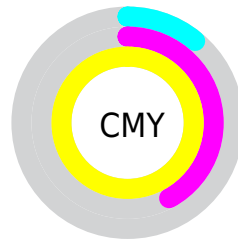


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3360, -76.5806, 62.8493 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 155.3360, -76.5806, 62.8493 by changing the saturation by 10% instead.

155.3360,
-76.5806, 62.8493

155.3360,
-76.5806, 62.8493

255.0000, 0.0000,
0.0000

130.8050,
-64.4869, 57.1760

203.9560,
-63.5753, 44.7656

106.8610,
-52.6825, 50.9879

223.5840,
-59.4479, 27.5518

83.8030, -41.3149,
44.8998

240.8640,
-54.1630, 12.3973

61.6310, -30.3841,
38.9116

244.0560,
-41.9326, 9.5979

40.9320, -20.1795,
32.5086

247.2480,
-29.7023, 6.7985

19.9450, -9.8329,
27.2352


250.5540,


7.2900, -3.1010,

-17.0351, 3.8991

14.6547

 253.8600, -4.3680,
0.9998


 0.0000, 0.0000,
0.0000


 155.3360,
-76.5806, 62.8493

 162.6540,
-68.8494, 56.4314

 169.8580,
-61.5550, 50.1135

 176.5890,
-53.5344, 44.2104

 183.9070,
-45.8032, 37.7926

 191.2250,
-38.0719, 31.3747

■ 198.4290,
-30.7775, 25.0568

■ 205.7470,
-23.0463, 18.6389

■ 212.4780,
-15.0257, 12.7358

■ 219.6820, -7.7312,
6.4179

Harmonies

Analogous

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



154.3060, -40.5769, 88.3086



155.3360, -76.5806, 62.8493



150.8970, -74.3922, 14.1223

Triad

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



155.3360, -76.5806, 62.8493



138.0970, 29.0392, -121.1111



169.0450, 42.3758, 35.0405

Complementary

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



155.3360, -76.5806, 62.8493



71.6640, 76.5806, -62.8493

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.



146.5890, 53.4466, -62.7836



155.3360, -76.5806, 62.8493



142.9480, 55.2416, -125.3654

Square

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



155.3360, -76.5806, 62.8493



128.8290, -1.3947, -112.9830



136.4910, 58.4249, -119.7026



158.7880, 22.2895, 84.3779

Rectangle

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



155.3360, -76.5806, 62.8493



146.6930, -55.0646, -25.1638



136.4910, 58.4249, -119.7026



165.9340, 43.9095, 9.7049

Sweetspot

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



155.3360, -76.5806, 62.8493



231.0740, -25.6725, 20.9831



76.8790, 1.0457, 131.6561



113.3640, -15.4625, 12.8358



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.



155.3360, -76.5806, 62.8493



174.2740, -85.9171, 70.7967



190.9560, -94.1413, 1.7926



111.2840, -4.0840, 3.2589



122.2000, -60.2446, 49.8136



34.6200, -17.0677, 14.3653

Inverse Universe

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



71.6640, 76.5806, -62.8493



80.7260, 85.9171, -70.7967



36.0440, 94.1413, -1.7926



106.7160, 4.0840, -3.2589



56.2130, 60.5340, -49.2988



16.3800, 17.0677, -14.3653

Previews

White Background



This preview shows how the YUV color 155.3360, -76.5806, 62.8493 looks on a white background.

Color Contrast Check

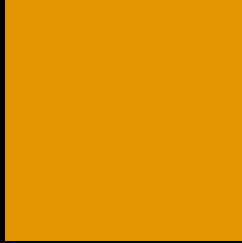
Large Text (above 18pt) WCAG AA × Fail

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 155.3360, -76.5806, 62.8493 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 155.3360, -76.5806, 62.8493 Background



This preview shows how black text looks on a background with the YUV color 155.3360, -76.5806, 62.8493.



This preview shows how white text looks on a background with the YUV color 155.3360, -76.5806,

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

155.3360, -76.5806, 62.8493

Protanopia

155.1790, -68.6152, 27.9070

Deuteranopia

154.9490, -76.3899, 48.2797



Tritanopia

167.6590, -9.1989, 57.3041

Trichromacy



Original Color

155.3360, -76.5806, 62.8493

Protanomaly

155.4580, -71.7108, 40.8173

Deuteranomaly

154.9820, -76.4061, 53.5128

Tritanomaly

163.2530, -33.6487, 59.4141

Monochromacy



Original Color

155.3360, -76.5806, 62.8493

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.2160, -27.7145, 22.6126

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3360, -76.5806, 62.8493 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(227, 149, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 149, 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(227, 149, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 149, 0) }
```

Border

The CSS property to change the border of an element to YUV 155.3360, -76.5806, 62.8493 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(227, 149, 0) }
```


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

```
.border{ border-color:rgb(227, 149, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 149, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 149, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 149, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 149,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 155.3360, -76.5806, 62.8493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 149, 0) }
```

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

```
.background{ background-color: rgb(227,  
149, 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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