

# Converting Colors

YUV(156.7600, -39.3217,  
58.9695)

Have a look what the booklet for  
YUV(156.7600, -39.3217, 58.9695)  
contains.

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# Color

**YUV(156.7600, -39.3217,  
58.9695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E08A4D
RGB	224, 138, 77
RGB Percent	88%, 54%, 30%
CMY	0.1216, 0.4588, 0.6980
CMYK	0.00, 0.38, 0.66, 0.12
HSL	25°, 70%, 59%
HSV	25°, 66%, 88%
XYZ	41.1685, 34.5601, 11.5221
YIQ	156.7600, 70.8370, -0.7390

# Conversions

## Conversions Part 2

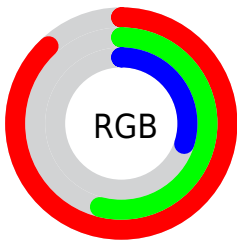
Format	Color
<a href="#">RYB</a>	<a href="#">224, 181, 77</a>
Decimal	<a href="#">14715469</a>
CIELab	<a href="#">65.40, 27.43, 45.75</a>
CIElCh	<a href="#">65, 53.344, 59.061</a>
Yxy	<a href="#">34.5601, 0.4718, 0.3961</a>
Android (android.graphics.Color)	<a href="#">4292905549</a> (0xFFE08A4D)
YUV	<a href="#">156.7600, -39.3217, 58.9695</a>
Hunter-Lab	<a href="#">58.7878, 22.1230, 29.5309</a>

# Details

The YUV color **156.7600, -39.3217, 58.9695** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **144.2400, 39.3217, -58.9695**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.5410, -37.2417, 45.1295**, and **103.2970, -37.1214, 53.2365** is the 20% darker color. If you saturate the color by 10%, you get **146.6210, -45.1692, 67.8614**, and if you desaturate by 10%, it is **166.8990, -33.4742, 50.0776**.

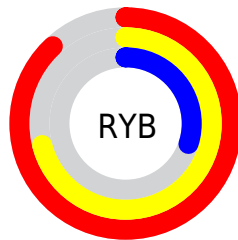
# Distribution



Red (88%)

Green (54%)

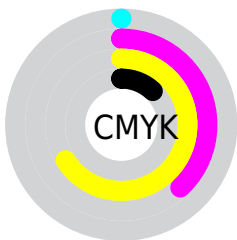
Blue (30%)



Red (88%)

Yellow (71%)

Blue (30%)

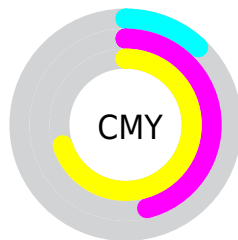


Cyan (0%)

Magenta (38%)

Yellow (66%)

Black (12%)



Cyan (12%)

Magenta (46%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 156.7600, -39.3217, 58.9695 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 156.7600, -39.3217, 58.9695 by changing the saturation by 10% instead.



156.7600,  
-39.3217, 58.9695

156.7600,  
-39.3217, 58.9695

255.0000, 0.0000,  
0.0000

129.7920,  
-37.8585, 56.3104

203.5410,  
-37.2417, 45.1295

103.2970,  
-37.1214, 53.2365

222.9410,  
-33.9879, 28.1157

77.3460, -38.1316,  
50.5626

243.1560,  
-30.1499, 10.3872

55.1740, -27.2008,  
44.5744

249.8700,  
-19.6559, 4.4990

33.3010, -16.4174,  
39.2010

253.0620, -7.4256,  
1.6996

15.2490, -7.5178,  
31.3536

5.3820, -2.6533,

11.0660

■ 0.0000, 0.0000,  
0.0000

■ 156.7600,  
-39.3217, 58.9695

■ 156.7600,  
-39.3217, 58.9695

■ 146.6210,  
-45.1692, 67.8614

■ 166.8990,  
-33.4742, 50.0776

■ 136.3680,  
-51.4534, 76.8533

■ 177.1520,  
-27.1899, 41.0857

■ 126.2290,  
-57.3009, 85.7452

■ 187.2910,  
-21.3425, 32.1938

■ 121.5670,  
-59.9325, 89.8337

■ 197.5440,  
-15.0582, 23.2019

■ 208.2700, -9.5001,  
13.7952

■ 218.4090, -3.6526,  
4.9033

■ 228.6620, 2.6316,  
-4.0886

■ 238.6870, 8.0423,  
-12.8805

■ 245.7310, 4.5696,  
-19.0581

# Harmonies

## Analogous

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



157.9790, -21.1886, 76.3174



156.7600, -39.3217, 58.9695



154.0970, -47.3758, 28.8559

# Triad

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



156.7600, -39.3217, 58.9695



124.6180, 15.4713, -109.2900



161.2330, 40.3111, -2.8353

# Complementary

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



156.7600, -39.3217, 58.9695



144.2400, 39.3217, -58.9695

# 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.



140.1740, 56.1162, -79.0826



156.7600, -39.3217, 58.9695



130.0900, 36.4376, -114.0889

# Square

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



156.7600, -39.3217, 58.9695



139.2230, -15.3929, -56.3236



130.6720, 53.8987, -114.5993



163.5460, 22.4088, 46.0022



# Rectangle

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



156.7600, -39.3217, 58.9695



151.2680, -43.5161, 4.1500



130.6720, 53.8987, -114.5993



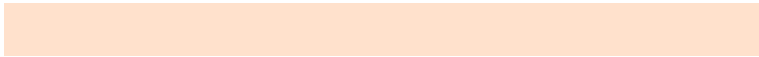
157.3660, 45.1756, -23.1230

# Sweetspot

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



156.7600, -39.3217, 58.9695



231.5760, -13.5950, 20.5428



130.9850, 16.7694, 81.5742



113.9000, -8.3317, 12.3657



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.



156.7600, -39.3217, 58.9695



162.8200, -53.6483, 80.8419



198.4370, -59.8684, 22.4188



107.2240, -3.0684, 4.1886



95.4750, -47.0692, 70.6204



26.0920, -12.8634, 19.2133



# Inverse Universe

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



144.2400, 39.3217, -58.9695



145.5930, 53.9377, -80.3271



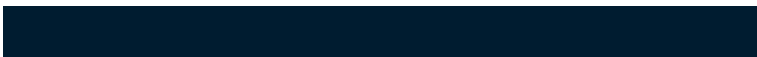
102.5630, 59.8684, -22.4188



106.3630, 2.7790, -4.7034



80.5250, 47.0692, -70.6204

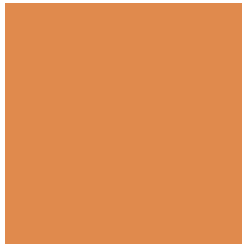


21.9080, 12.8634, -19.2133



# Previews

## White Background



This preview shows how the YUV color 156.7600, -39.3217, 58.9695 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 156.7600, -39.3217, 58.9695 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 156.7600, -39.3217, 58.9695 Background



This preview shows how black text looks on a background with the YUV color 156.7600, -39.3217, 58.9695.



This preview shows how white text looks on a background with the YUV color 156.7600, -39.3217,



# 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

156.7600, -39.3217, 58.9695

### Protanopia

155.5330, -35.2658, 17.9496

### Deuteranopia

156.5630, -40.7036, 35.4632



## Tritanopia

161.0290, -10.3673, 58.7336

# Trichromacy



## Original Color

156.7600, -39.3217, 58.9695

## Protanomaly

155.5780, -36.7670, 32.8191

## Deuteranomaly

156.7320, -40.2939, 44.0850

## Tritanomaly

159.8690, -21.1344, 58.8739

# Monochromacy



## Original Color

156.7600, -39.3217, 58.9695

## Achromatopsia

157.0000, 0.0000, 0.0000

## Achromatomaly

156.7610, -14.1792, 21.2576

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 156.7600, -39.3217, 58.9695 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(224, 138, 77)` looks like.

```
.text, #text, p{  
    color:rgb(224, 138, 77)  
}
```

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(224, 138, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 138, 77) }
```

## Border

The CSS property to change the border of an element to YUV 156.7600, -39.3217, 58.9695 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(224, 138, 77) }
```



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

```
.border{ border-color:rgb(224, 138, 77) }
```

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

Here you see how a box with a 4 pixel rgb(224, 138, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 138, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 138, 77);  
box-shadow:4px 4px 4px 4px rgb(224, 138,  
77) }
```

# Background

The CSS property to change the background color of an element to YUV 156.7600, -39.3217, 58.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 138, 77) }
```

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

```
.background{ background-color: rgb(224,  
138, 77) }
```

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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