

Converting Colors

YUV(157.1730, -39.0323,
59.4843)

Have a look what the booklet for
YUV(157.1730, -39.0323, 59.4843)
contains.

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Color

**YUV(157.1730, -39.0323,
59.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	E18A4E
RGB	225, 138, 78
RGB Percent	88%, 54%, 31%
CMY	0.1176, 0.4588, 0.6941
CMYK	0.00, 0.39, 0.65, 0.12
HSL	24°, 71%, 59%
HSV	24°, 65%, 88%
XYZ	41.5150, 34.7346, 11.7241
YIQ	157.1730, 71.1120, -0.2160

Conversions

Conversions Part 2

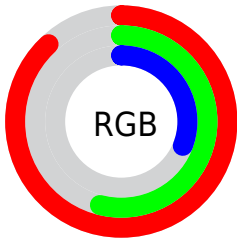
Format	Color
R _Y B	225, 179, 78
Decimal	14781006
CIE Lab	65.54, 27.89, 45.44
CIE LCh	66, 53.319, 58.455
Yxy	34.7346, 0.4719, 0.3948
Android (android.graphics.Color)	4292971086 (0xFFE18A4E)
YUV	157.1730, -39.0323, 59.4843
Hunter-Lab	58.9360, 22.5986, 29.4607

Details

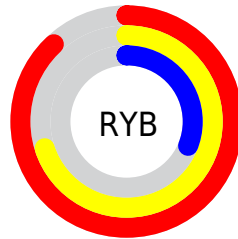
The YUV color **157.1730, -39.0323, 59.4843** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **145.8270, 39.0323, -59.4843**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6550, -36.8049, 45.0296**, and **103.7100, -36.8320, 53.7513** is the 20% darker color. If you saturate the color by 10%, you get **147.0340, -44.8798, 68.3762**, and if you desaturate by 10%, it is **167.4260, -32.7480, 50.4924**.

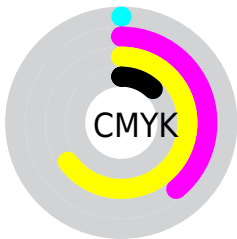
Distribution



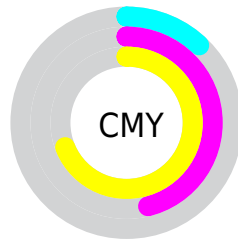
- Red (88%)
- Green (54%)
- Blue (31%)



- Red (88%)
- Yellow (70%)
- Blue (31%)



- Cyan (0%)
- Magenta (39%)
- Yellow (65%)
- Black (12%)



- Cyan (12%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.1730, -39.0323, 59.4843 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 157.1730, -39.0323, 59.4843 by changing the saturation by 10% instead.

157.1730,
-39.0323, 59.4843

157.1730,
-39.0323, 59.4843

255.0000, 0.0000,
0.0000

130.2050,
-37.5691, 56.8252

203.6550,
-36.8049, 45.0296

103.7100,
-36.8320, 53.7513

223.1690,
-33.1143, 27.9158

77.8730, -37.4054,
50.9774

243.2700,
-29.7131, 10.2872

55.4730, -27.3482,
45.1892

249.9840,
-19.2191, 4.3990

33.0130, -16.2754,
40.3306

253.1760, -6.9888,
1.5996

15.5480, -7.6652,
31.9684

5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 157.1730,
-39.0323, 59.4843

■ 157.1730,
-39.0323, 59.4843

■ 147.0340,
-44.8798, 68.3762

■ 167.4260,
-32.7480, 50.4924

■ 136.1940,
-50.8746, 77.8829

■ 178.1520,
-27.1899, 41.0857

■ 126.0550,
-56.7221, 86.7748

■ 188.4050,
-20.9057, 32.0938

■ 121.2790,
-59.7905, 90.9633

■ 198.5440,
-15.0582, 23.2019

■ 209.3840, -9.0633,
13.6952

■ 219.5230, -3.2158,
4.8033

■ 229.6620, 2.6316,
-4.0886

■ 240.1600, 7.3161,
-13.2953

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



158.3920, -20.8993, 76.8322



157.1730, -39.0323, 59.4843



154.5100, -47.0864, 29.3707

Triad

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



157.1730, -39.0323, 59.4843



125.0910, 14.7451, -109.7048



161.5210, 40.1691, -3.9649

Complementary

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



157.1730, -39.0323, 59.4843



145.8270, 39.0323, -59.4843

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.



139.9780, 56.7058, -81.5417



157.1730, -39.0323, 59.4843



129.9760, 36.0008, -113.9890

Square

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



157.1730, -39.0323, 59.4843



140.2940, -16.4139, -55.5088



131.2590, 53.6093, -115.1141



163.9480, 22.7036, 44.7726

Rectangle

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



157.1730, -39.0323, 59.4843



151.8660, -43.8109, 5.3795



131.2590, 53.6093, -115.1141



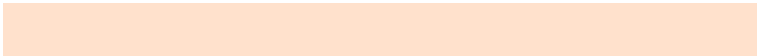
157.7680, 45.4704, -24.3525

Sweetspot

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



157.1730, -39.0323, 59.4843



231.5760, -13.5950, 20.5428



131.9850, 16.7694, 81.5742



113.3130, -8.0423, 12.8805



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.



157.1730, -39.0323, 59.4843



163.0480, -52.7747, 80.6419



199.4370, -59.8684, 22.4188



107.2240, -3.0684, 4.1886



94.8880, -46.7798, 71.1352



26.0920, -12.8634, 19.2133

Inverse Universe

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



145.8270, 39.0323, -59.4843



147.9520, 52.7747, -80.6419



103.5630, 59.8684, -22.4188



106.3630, 2.7790, -4.7034



81.1120, 46.7798, -71.1352



22.4950, 12.5740, -19.7281

Previews

White Background



This preview shows how the YUV color 157.1730, -39.0323, 59.4843 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 157.1730, -39.0323, 59.4843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

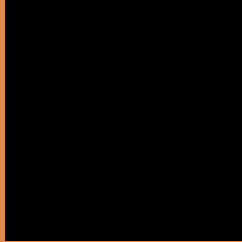
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.1730, -39.0323, 59.4843

Background



This preview shows how black text looks on a background with the YUV color 157.1730, -39.0323, 59.4843.



This preview shows how white text looks on a background with the YUV color 157.1730, -39.0323,

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

157.1730, -39.0323, 59.4843

Protanopia

156.2340, -35.1184, 17.3348

Deuteranopia

156.6770, -40.2668, 35.3633



Tritanopia

161.3280, -10.5147, 59.3483

Trichromacy



Original Color

157.1730, -39.0323, 59.4843

Protanomaly

156.5780, -36.7670, 32.8191

Deuteranomaly

156.8460, -39.8571, 43.9851

Tritanomaly

160.1680, -21.2818, 59.4887

Monochromacy



Original Color

157.1730, -39.0323, 59.4843

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.0600, -14.3266, 21.8724

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.1730, -39.0323, 59.4843 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, 138, 78)` looks like.

```
.text, #text, p{  
    color:rgb(225, 138, 78)  
}
```

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, 138, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 138, 78) }
```

Border

The CSS property to change the border of an element to YUV 157.1730, -39.0323, 59.4843 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, 138, 78) }
```


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

```
.border{ border-color:rgb(225, 138, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 138, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 138, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 138, 78);  
box-shadow:4px 4px 4px 4px rgb(225, 138,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 157.1730, -39.0323, 59.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 138, 78) }
```

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

```
.background{ background-color: rgb(225,  
138, 78) }
```

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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