

Converting Colors

YUV(145.5380, -39.2122,
70.5652)

Have a look what the booklet for
YUV(145.5380, -39.2122, 70.5652)
contains.

YUV(145.5380, -39.2122, 70.5652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(145.5380, -39.2122,
70.5652)**

Conversions

Conversions Part 1

Format	Color
Hex	E27842
RGB	226, 120, 66
RGB Percent	89%, 47%, 26%
CMY	0.1137, 0.5294, 0.7412
CMYK	0.00, 0.47, 0.71, 0.11
HSL	20°, 73%, 57%
HSV	20°, 71%, 89%
XYZ	39.0639, 29.9950, 8.8850
YIQ	145.5380, 80.5100, 5.6780

Conversions

Conversions Part 2

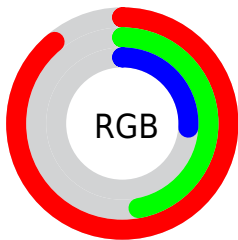
Format	Color
R _Y B	226, 148, 66
Decimal	14841922
CIE Lab	61.65, 37.05, 47.13
CIE LCh	62, 59.950, 51.828
Yxy	29.9950, 0.5012, 0.3848
Android (android.graphics.Color)	4293032002 (0xFFE27842)
YUV	145.5380, -39.2122, 70.5652
Hunter-Lab	54.7677, 31.4742, 28.7188

Details

The YUV color **145.5380, -39.2122, 70.5652** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **146.4620, 39.2122, -70.5652**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6070, -37.2743, 55.5957**, and **91.6620, -37.3014, 64.3174** is the 20% darker color. If you saturate the color by 10%, you get **134.1110, -44.9177, 80.5867**, and if you desaturate by 10%, it is **156.9650, -33.5067, 60.5437**.

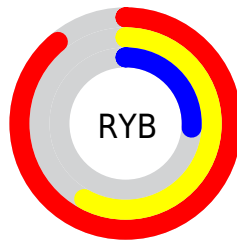
Distribution



Red (89%)

Green (47%)

Blue (26%)



Red (89%)

Yellow (58%)

Blue (26%)

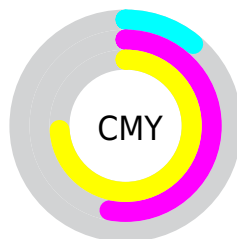


Cyan (0%)

Magenta (47%)

Yellow (71%)

Black (11%)



Cyan (11%)

Magenta (53%)

Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.5380, -39.2122, 70.5652 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 145.5380, -39.2122, 70.5652 by changing the saturation by 10% instead.


 145.5380,
-39.2122, 70.5652


 145.5380,
-39.2122, 70.5652


255.0000, 0.0000,
0.0000


 118.2710,
-37.6016, 67.2913


 191.6070,
-37.2743, 55.5957


 91.6620, -37.3014,
64.3174


 211.0070,
-34.0205, 38.5819


 66.1930, -32.6331,
60.3437


 230.5210,
-30.3299, 21.4681

 41.3740, -20.3974,
55.8000

 248.3880,
-25.3343, 5.7987

 22.7240, -11.2029,
46.7231

 251.5800,
-13.1039, 2.9993

 15.3630, -7.0810,
31.2536

254.8860, -0.4368,

 0.8970, -0.4422,

0.1000

1.8443

■ 0.0000, 0.0000,
0.0000

■ 145.5380,
-39.2122, 70.5652

■ 145.5380,
-39.2122, 70.5652

■ 134.1110,
-44.9177, 80.5867

■ 156.9650,
-33.5067, 60.5437

■ 122.7980,
-50.1864, 90.5082

■ 168.2780,
-28.2381, 50.6222

■ 112.1860,
-55.3077, 99.8149

■ 179.7050,
-22.5326, 40.6007

■ 191.0180,
-17.2639, 30.6792

■ 202.4450,
-11.5584, 20.6577

■ 213.8720, -5.8529,
10.6363

■ 225.1850, -0.5842,
0.7148

■ 236.6120, 5.1213,
-9.3067

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



146.0110, -16.2744, 86.8134



145.5380, -39.2122, 70.5652



143.0400, -54.2497, 40.3069

Triad

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



145.5380, -39.2122, 70.5652



116.5990, 7.5927, -102.2573



147.8160, 49.3907, -21.7636

Complementary

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



145.5380, -39.2122, 70.5652



146.4620, 39.2122, -70.5652

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.



122.2890, 64.9335, -107.2475



145.5380, -39.2122, 70.5652



123.4560, 31.3272, -108.2709

Square

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



145.5380, -39.2122, 70.5652



128.9650, -24.1397, -50.8353



126.2380, 52.1407, -110.7107



153.2770, 30.4294, 40.0991

Rectangle

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



145.5380, -39.2122, 70.5652



140.4020, -53.4422, 14.5564



126.2380, 52.1407, -110.7107



140.2360, 55.5927, -51.0730

Sweetspot

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



145.5380, -39.2122, 70.5652



228.2990, -13.4584, 23.4168



126.0380, 23.1523, 87.6667



111.4380, -7.6109, 14.5249



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.



145.5380, -39.2122, 70.5652



145.7340, -53.1129, 95.8263



191.9110, -62.0741, 29.8961



106.6370, -2.7790, 4.7034



87.2570, -43.0177, 77.8276



23.7440, -11.7058, 21.2725

Inverse Universe

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



146.4620, 39.2122, -70.5652



147.2660, 53.1129, -95.8263



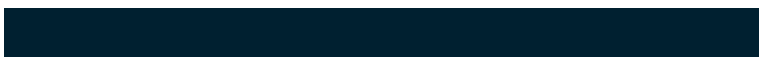
100.0890, 62.0741, -29.8961



106.3630, 2.7790, -4.7034



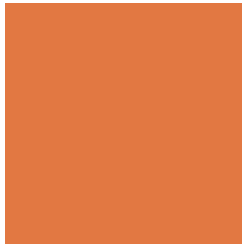
88.7430, 43.0177, -77.8276



24.2560, 11.7058, -21.2725

Previews

White Background



This preview shows how the YUV color 145.5380, -39.2122, 70.5652 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 145.5380, -39.2122, 70.5652 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 145.5380, -39.2122, 70.5652

Background



This preview shows how black text looks on a background with the YUV color 145.5380, -39.2122, 70.5652.



This preview shows how white text looks on a background with the YUV color 145.5380, -39.2122, 70.5652.

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

145.5380, -39.2122, 70.5652

Protanopia

145.9350, -34.9710, 16.7200

Deuteranopia

145.9220, -41.8665, 35.1484



Tritanopia

149.2970, -13.4574, 69.8995

Trichromacy



Original Color

145.5380, -39.2122, 70.5652

Protanomaly

145.7140, -36.3410, 36.2078

Deuteranomaly

145.9390, -40.8889, 48.2885

Tritanomaly

147.8920, -22.6248, 70.2547

Monochromacy



Original Color

145.5380, -39.2122, 70.5652

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.0820, -14.3374, 25.3611

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.5380, -39.2122, 70.5652 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(226, 120, 66)` looks like.

```
.text, #text, p{  
    color:rgb(226, 120, 66)  
}
```

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(226, 120, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 120, 66) }
```

Border

The CSS property to change the border of an element to YUV 145.5380, -39.2122, 70.5652 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(226, 120, 66) }
```


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

```
.border{ border-color:rgb(226, 120, 66) }
```

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

Here you see how a box with a 4 pixel rgb(226, 120, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 120, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 120, 66);  
box-shadow:4px 4px 4px 4px rgb(226, 120,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 145.5380, -39.2122, 70.5652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 120, 66) }
```

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

```
.background{ background-color: rgb(226,  
120, 66) }
```

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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