

Converting Colors

YUV(139.5390, -40.6917,
78.4573)

Have a look what the booklet for
YUV(139.5390, -40.6917, 78.4573)
contains.

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Color

**YUV(139.5390, -40.6917,
78.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	E56E39
RGB	229, 110, 57
RGB Percent	90%, 43%, 22%
CMY	0.1020, 0.5686, 0.7765
CMYK	0.00, 0.52, 0.75, 0.10
HSL	18°, 77%, 56%
HSV	18°, 75%, 90%
XYZ	38.6275, 28.1053, 7.2599
YIQ	139.5390, 87.9370, 8.7450

Conversions

Conversions Part 2

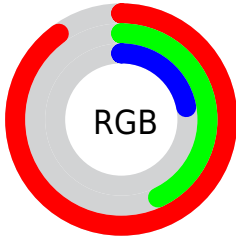
Format	Color
R_{YB}	229, 134, 57
Decimal	15035961
CIE _{Lab}	59.98, 42.84, 49.91
CIE _{LCh}	60, 65.774, 49.355
Yxy	28.1053, 0.5220, 0.3798
Android (android.graphics.Color)	4293226041 (0xFFE56E39)
YUV	139.5390, -40.6917, 78.4573
Hunter-Lab	53.0144, 37.2841, 28.9908

Details

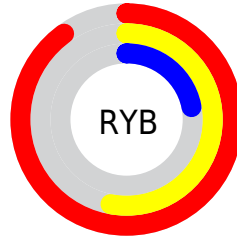
The YUV color **139.5390, -40.6917, 78.4573** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **146.4610, 40.6917, -78.4573**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.7110, -38.3115, 61.6435**, and **84.4350, -39.6545, 72.4095** is the 20% darker color. If you saturate the color by 10%, you get **127.5250, -46.1078, 88.9936**, and if you desaturate by 10%, it is **151.5530, -35.2756, 67.9210**.

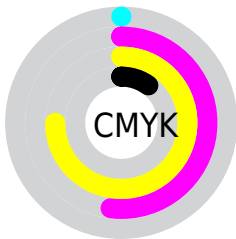
Distribution



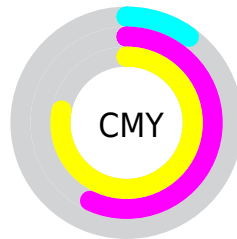
- Red (90%)
- Green (43%)
- Blue (22%)



- Red (90%)
- Yellow (53%)
- Blue (22%)



- Cyan (0%)
- Magenta (52%)
- Yellow (75%)
- Black (10%)



- Cyan (10%)
- Magenta (57%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.5390, -40.6917, 78.4573 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 139.5390, -40.6917, 78.4573 by changing the saturation by 10% instead.

139.5390,
-40.6917, 78.4573

139.5390,
-40.6917, 78.4573

255.0000, 0.0000,
0.0000

112.1580,
-39.5179, 75.2834

184.7110,
-38.3115, 61.6435

84.4350, -39.6545,
72.4095

204.1110,
-35.0577, 44.6297

59.1600, -29.1659,
68.2657

223.6250,
-31.3671, 27.5159

31.6940, -15.6251,
65.1664

243.7260,
-27.9659, 9.8873

23.0230, -11.3503,
47.3378

250.4400,
-17.4719, 3.9991

15.7760, -6.7916,
31.7684

253.7460, -4.8048,

0.0000, 0.0000,

1.0998

0.0000

■ 139.5390,
-40.6917, 78.4573

■ 139.5390,
-40.6917, 78.4573

■ 127.5250,
-46.1078, 88.9936

■ 151.5530,
-35.2756, 67.9210

■ 115.5110,
-51.5239, 99.5299

■ 163.5670,
-29.8595, 57.3847

■ 110.1480,
-54.3030, 104.2332

■ 175.5810,
-24.4434, 46.8485

■ 187.0080,
-18.7379, 36.8270

■ 199.0220,
-13.3218, 26.2907

■ 210.9220, -8.3425,
15.8544

■ 222.9360, -2.9264,
5.3181

■ 234.9500, 2.4897,
-5.2181

■ 246.0520, 4.4114,
-14.9546

Harmonies

Analogous

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



138.9350, -14.2650, 95.6500



139.5390, -40.6917, 78.4573



135.9240, -65.0385, 47.4247

Triad

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



139.5390, -40.6917, 78.4573



113.5840, 3.6561, -99.6132



140.2750, 56.5594, -34.4442

Complementary

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



139.5390, -40.6917, 78.4573



146.4610, 40.6917, -78.4573

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.



121.2290, 65.9491, -106.3178



139.5390, -40.6917, 78.4573



121.0110, 29.5746, -106.1266

Square

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



139.5390, -40.6917, 78.4573



121.9880, -29.0811, -52.6095



125.0640, 52.7194, -109.6811



148.6450, 35.6710, 38.8993

Rectangle

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



139.5390, -40.6917, 78.4573



133.5200, -65.8254, 19.7150



125.0640, 52.7194, -109.6811



122.2580, 65.4418, -83.5413

Sweetspot

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



139.5390, -40.6917, 78.4573



224.2070, -13.9061, 27.0055



122.1080, 27.0618, 93.7443



109.2210, -8.4900, 16.4692



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.



139.5390, -40.6917, 78.4573



135.4470, -54.4504, 104.8480



189.4340, -65.2900, 34.6994



108.9360, -2.9264, 5.3181



85.8060, -42.3024, 81.7311



24.6410, -12.1480, 23.1168

Inverse Universe

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



146.4610, 40.6917, -78.4573



144.5530, 54.4504, -104.8480



96.5660, 65.2900, -34.6994



109.0640, 2.9264, -5.3181



92.6070, 42.5917, -81.2163



26.3590, 12.1480, -23.1168

Previews

White Background



This preview shows how the YUV color 139.5390, -40.6917, 78.4573 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 139.5390, -40.6917, 78.4573 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 × Fail

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

YUV 139.5390, -40.6917, 78.4573

Background



This preview shows how black text looks on a background with the YUV color 139.5390, -40.6917, 78.4573.



This preview shows how white text looks on a background with the YUV color 139.5390, -40.6917, 78.4573.

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

139.5390, -40.6917, 78.4573

Protanopia

140.8920, -36.4288, 17.6347

Deuteranopia

140.7110, -45.2135, 35.3335



Tritanopia

143.0700, -15.8105, 77.9916

Trichromacy



Original Color

139.5390, -40.6917, 78.4573

Protanomaly

140.2800, -38.0990, 40.0964

Deuteranomaly

140.2660, -43.5151, 50.6327

Tritanomaly

141.6650, -24.9778, 78.3468

Monochromacy



Original Color

139.5390, -40.6917, 78.4573

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.6910, -14.6377, 28.3350

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.5390, -40.6917, 78.4573 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(229, 110, 57)` looks like.

```
.text, #text, p{  
    color:rgb(229, 110, 57)  
}
```

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(229, 110, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 110, 57) }
```

Border

The CSS property to change the border of an element to YUV 139.5390, -40.6917, 78.4573 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(229, 110, 57) }
```


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

```
.border{ border-color:rgb(229, 110, 57) }
```

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

Here you see how a box with a 4 pixel rgb(229, 110, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 110, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 110, 57);  
box-shadow:4px 4px 4px 4px rgb(229, 110,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 139.5390, -40.6917, 78.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 110, 57) }
```

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

```
.background{ background-color: rgb(229,  
110, 57) }
```

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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