

Converting Colors

YUV(147.3590, -57.8580,
77.7382)

Have a look what the booklet for
YUV(147.3590, -57.8580, 77.7382)
contains.

YUV(147.3590, -57.8580, 77.7382)	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(147.3590, -57.8580,
77.7382)**

Conversions

Conversions Part 1

Format	Color
Hex	EC7D1E
RGB	236, 125, 30
RGB Percent	93%, 49%, 12%
CMY	0.0745, 0.5098, 0.8824
CMYK	0.00, 0.47, 0.87, 0.07
HSL	28°, 84%, 52%
HSV	28°, 87%, 93%
XYZ	42.1600, 32.5938, 5.2975
YIQ	147.3590, 96.6510, -6.0130

Conversions

Conversions Part 2

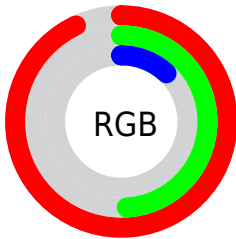
Format	Color
R _Y B	236, 206, 30
Decimal	15498526
CIE Lab	63.83, 37.22, 64.63
CIE LCh	64, 74.580, 60.059
Yxy	32.5938, 0.5267, 0.4072
Android (android.graphics.Color)	4293688606 (0xFFEC7D1E)
YUV	147.3590, -57.8580, 77.7382
Hunter-Lab	57.0910, 31.9077, 34.4622

Details

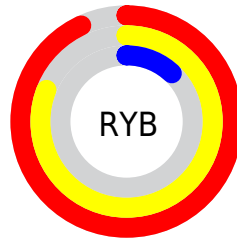
The YUV color **147.3590, -57.8580, 77.7382** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **118.6410, 57.8580, -77.7382**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1220, -51.8251, 56.0210**, and **95.1650, -46.9163, 68.2613** is the 20% darker color. If you saturate the color by 10%, you get **136.9920, -64.5791, 86.8300**, and if you desaturate by 10%, it is **157.7260, -51.1369, 68.6463**.

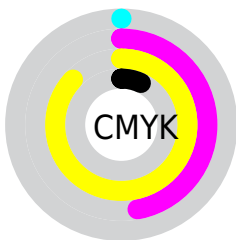
Distribution



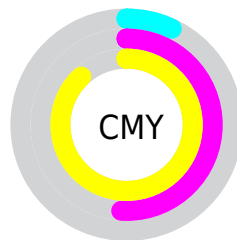
- Red (93%)
- Green (49%)
- Blue (12%)



- Red (93%)
- Yellow (81%)
- Blue (12%)



- Cyan (0%)
- Magenta (47%)
- Yellow (87%)
- Black (7%)




- Cyan (7%)
- Magenta (51%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.3590, -57.8580, 77.7382 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 147.3590, -57.8580, 77.7382 by changing the saturation by 10% instead.


 147.3590,
-57.8580, 77.7382


 147.3590,
-57.8580, 77.7382


255.0000, 0.0000,
0.0000

 119.1090,
-58.7207, 74.4494


 191.1220,
-51.8251, 56.0210

 95.1650, -46.9163,
68.2613


 210.5220,
-48.5713, 39.0072


 71.2210, -35.1120,
62.0732


 230.0360,
-44.8807, 21.8934

 46.9890, -23.1656,
57.0146

 244.9680,
-38.4382, 8.7981

 24.8170, -12.2348,
51.0265

 248.1600,
-26.2079, 5.9987

 16.7440, -8.2548,
34.4275

 251.3520,

 6.8770, -3.3904,

-13.9775, 3.1993

14.1399

254.7720, -0.8736,
0.2000

■ 0.0000, 0.0000,
0.0000

■ 147.3590,
-57.8580, 77.7382

■ 147.3590,
-57.8580, 77.7382

■ 136.9920,
-64.5791, 86.8300

■ 157.7260,
-51.1369, 68.6463

■ 134.5470,
-66.3317, 88.9743

■ 167.3920,
-44.5633, 60.1692

■ 177.7590,
-37.8422, 51.0774

■ 188.0120,
-31.5579, 42.0855

■ 198.3790,
-24.8368, 32.9936

■ 208.1590,
-17.8264, 24.4166

■ 218.4120,
-11.5421, 15.4247

■ 228.7790, -4.8210,
6.3328

■ 238.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



142.4980, -24.8955, 98.6643



147.3590, -57.8580, 77.7382



144.5390, -71.2577, 35.4843

Triad

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



147.3590, -57.8580, 77.7382



125.4500, 13.5822, -110.0196



154.3390, 49.6259, -3.8053

Complementary

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



147.3590, -57.8580, 77.7382



118.6410, 57.8580, -77.7382

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.



124.7510, 64.2128, -109.4066



147.3590, -57.8580, 77.7382



133.0880, 42.8476, -116.7182

Square

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



147.3590, -57.8580, 77.7382



115.2360, -15.3993, -101.0620



133.5560, 59.8719, -117.1286



156.0230, 32.5267, 67.5088

Rectangle

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



147.3590, -57.8580, 77.7382



139.6120, -68.8287, 2.9713



133.5560, 59.8719, -117.1286



146.1560, 53.6601, -37.8478

Sweetspot

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



147.3590, -57.8580, 77.7382



226.3440, -18.4106, 25.1313



104.4760, 18.9923, 115.3465



110.5260, -11.1053, 15.3247



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.



147.3590, -57.8580, 77.7382



145.5110, -71.7369, 96.0219



206.6460, -87.0865, 25.7435



112.2240, -3.0684, 4.1886



102.8400, -50.7001, 68.5463



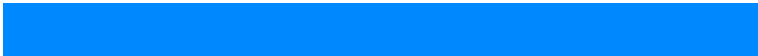
30.8210, -15.1948, 20.3280

Inverse Universe

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



118.6410, 57.8580, -77.7382



109.4890, 71.7369, -96.0219



59.3540, 87.0865, -25.7435



110.7760, 3.0684, -4.1886



78.1600, 50.7001, -68.5463



23.1790, 15.1948, -20.3280

Previews

White Background



This preview shows how the YUV color 147.3590, -57.8580, 77.7382 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 147.3590, -57.8580, 77.7382 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 147.3590, -57.8580, 77.7382

Background



This preview shows how black text looks on a background with the YUV color 147.3590, -57.8580, 77.7382.



This preview shows how white text looks on a background with the YUV color 147.3590, -57.8580,

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

147.3590, -57.8580, 77.7382

Protanopia

147.3430, -53.9061, 23.3782

Deuteranopia

146.2610, -66.1907, 43.6211



Tritanopia

154.6890, -14.6367, 74.8177

Trichromacy



Original Color

147.3590, -57.8580, 77.7382

Protanomaly

147.4210, -55.4236, 43.4808

Deuteranomaly

146.8480, -63.0291, 56.2613

Tritanomaly

152.1610, -30.6454, 76.1578

Monochromacy



Original Color

147.3590, -57.8580, 77.7382

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9700, -21.1842, 28.0903

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.3590, -57.8580, 77.7382 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(236, 125, 30)` looks like.

```
.text, #text, p{  
    color:rgb(236, 125, 30)  
}
```

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(236, 125, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 125, 30) }
```

Border

The CSS property to change the border of an element to YUV 147.3590, -57.8580, 77.7382 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(236, 125, 30) }
```


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

```
.border{ border-color:rgb(236, 125, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 125, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 125, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 125, 30);  
box-shadow:4px 4px 4px 4px rgb(236, 125,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 147.3590, -57.8580, 77.7382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 125, 30) }
```

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

```
.background{ background-color: rgb(236,  
125, 30) }
```

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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