

Converting Colors

YUV(135.9410, -57.1589,
86.8747)

Have a look what the booklet for
YUV(135.9410, -57.1589, 86.8747)
contains.

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Color

**YUV(135.9410, -57.1589,
86.8747)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6C14
RGB	235, 108, 20
RGB Percent	92%, 42%, 8%
CMY	0.0784, 0.5765, 0.9216
CMYK	0.00, 0.54, 0.91, 0.08
HSL	25°, 84%, 50%
HSV	25°, 91%, 92%
XYZ	39.7498, 28.4378, 4.0558
YIQ	135.9410, 103.9400, -0.4440

Conversions

Conversions Part 2

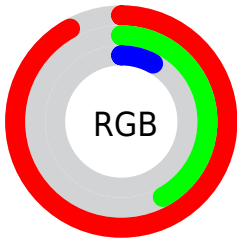
Format	Color
R _Y B	235, 169, 20
Decimal	15428628
CIE Lab	60.28, 45.11, 64.73
CIE LCh	60, 78.895, 55.127
Yxy	28.4378, 0.5502, 0.3936
Android (android.graphics.Color)	4293618708 (0xFFEB6C14)
YUV	135.9410, -57.1589, 86.8747
Hunter-Lab	53.3271, 39.7307, 32.8196

Details

The YUV color **135.9410, -57.1589, 86.8747** 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 **119.0590, 57.1589, -86.8747**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1170, -50.8367, 65.6724**, and **84.0010, -41.4125, 76.2981** is the 20% darker color. If you saturate the color by 10%, you get **126.6170, -62.4222, 95.0519**, and if you desaturate by 10%, it is **146.8950, -50.7272, 77.2681**.

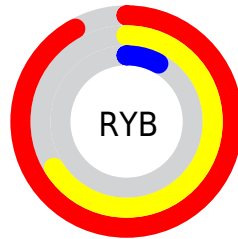
Distribution



Red (92%)

Green (42%)

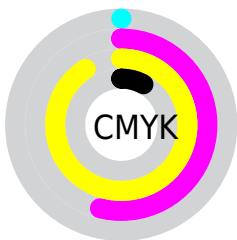
Blue (8%)



Red (92%)

Yellow (66%)

Blue (8%)

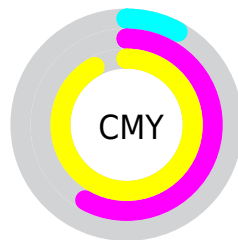


Cyan (0%)

Magenta (54%)

Yellow (91%)

Black (8%)



Cyan (8%)

Magenta (58%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.9410, -57.1589, 86.8747 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 135.9410, -57.1589, 86.8747 by changing the saturation by 10% instead.


 135.9410,
-57.1589, 86.8747

 135.9410,
-57.1589, 86.8747


255.0000, 0.0000,
0.0000


 108.8310,
-53.6537, 82.5862


 180.1170,
-50.8367, 65.6724


 84.0010, -41.4125,
76.2981


 199.5170,
-47.5829, 48.6586

 58.2960, -28.7399,
71.6544


 219.0310,
-43.8923, 31.5448

 32.8900, -16.2148,
67.6255

 239.1320,
-40.4911, 13.9162

 23.9200, -11.7926,
49.1822

 247.0200,
-30.5759, 6.9985

 16.3740, -7.0864,
32.9980

 250.3260,

 2.3920, -1.1793,

-17.9087, 4.0991

4.9182

253.6320, -5.2416,
1.1997

0.0000, 0.0000,
0.0000

135.9410,
-57.1589, 86.8747

135.9410,
-57.1589, 86.8747

126.6170,
-62.4222, 95.0519

146.8950,
-50.7272, 77.2681

157.7350,
-44.7324, 67.7614

168.6890,
-38.3007, 58.1547

179.5290,
-32.3058, 48.6481

189.8960,
-25.5847, 39.5562

■ 200.7360,
-19.5898, 30.0495

■ 211.6900,
-13.1582, 20.4429

■ 222.5300, -7.1633,
10.9362

■ 233.4840, -0.7316,
1.3295

Harmonies

Analogous

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



129.4700, -18.9657, 110.0898



135.9410, -57.1589, 86.8747



136.3210, -67.2063, 42.6915

Triad

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



135.9410, -57.1589, 86.8747



117.6590, 6.5771, -103.1869



140.6400, 56.3795, -23.3633

Complementary

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



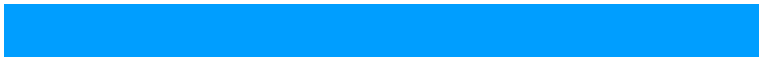
135.9410, -57.1589, 86.8747



119.0590, 57.1589, -86.8747

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.



121.8160, 65.6597, -106.8326



135.9410, -57.1589, 86.8747



126.4540, 37.7372, -110.9002

Square

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



135.9410, -57.1589, 86.8747



106.4020, -23.8622, -93.3146



129.4470, 61.8976, -113.5250



146.4120, 39.2369, 61.9057

Rectangle

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



135.9410, -57.1589, 86.8747



132.5680, -65.3560, 9.1489



129.4470, 61.8976, -113.5250



117.8060, 67.6366, -87.5299

Sweetspot

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



135.9410, -57.1589, 86.8747



223.0670, -18.2740, 28.0052



98.9910, 24.6544, 119.2799



108.6510, -10.6739, 16.9691



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.



135.9410, -57.1589, 86.8747



137.2930, -67.6854, 103.2290



197.5760, -87.5450, 32.8208



111.6370, -2.7790, 4.7034



97.5570, -48.0956, 73.1795



29.0600, -14.3266, 21.8724

Inverse Universe

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



119.0590, 57.1589, -86.8747



117.7070, 67.6854, -103.2290



56.8370, 87.8344, -32.3060



110.7760, 3.0684, -4.1886



83.4430, 48.0956, -73.1795



24.9400, 14.3266, -21.8724

Previews

White Background



This preview shows how the YUV color 135.9410, -57.1589, 86.8747 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 135.9410, -57.1589, 86.8747 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 135.9410, -57.1589, 86.8747

Background



This preview shows how black text looks on a background with the YUV color 135.9410, -57.1589, 86.8747.



This preview shows how white text looks on a background with the YUV color 135.9410, -57.1589, 86.8747.

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

135.9410, -57.1589, 86.8747

Protanopia

138.2720, -52.8851, 22.5635

Deuteranopia

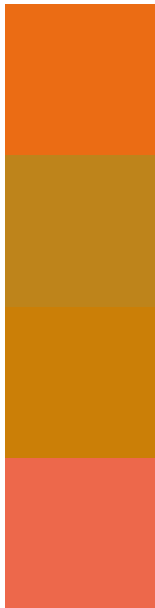
136.0220, -67.0588, 42.0767



Tritanopia

142.6470, -17.5740, 83.6246

Trichromacy



Original Color

135.9410, -57.1589, 86.8747

Protanomaly

137.3720, -54.4134, 46.1548

Deuteranomaly

136.0440, -63.6187, 58.7204

Tritanomaly

140.4610, -32.2723, 84.6647

Monochromacy



Original Color

135.9410, -57.1589, 86.8747

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.1060, -20.7583, 31.4790

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.9410, -57.1589, 86.8747 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(235, 108, 20)` looks like.

```
.text, #text, p{  
    color:rgb(235, 108, 20)  
}
```

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(235, 108, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 108, 20) }
```

Border

The CSS property to change the border of an element to YUV 135.9410, -57.1589, 86.8747 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(235, 108, 20) }
```


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

```
.border{ border-color:rgb(235, 108, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 108, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 108, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 108, 20);  
box-shadow:4px 4px 4px 4px rgb(235, 108,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 135.9410, -57.1589, 86.8747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 108, 20) }
```

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

```
.background{ background-color: rgb(235,  
108, 20) }
```

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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