

Converting Colors

YUV(135.3540, -56.8695,
87.3895)

Have a look what the booklet for
YUV(135.3540, -56.8695, 87.3895)
contains.

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Color

**YUV(135.3540, -56.8695,
87.3895)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6B14
RGB	235, 107, 20
RGB Percent	92%, 42%, 8%
CMY	0.0784, 0.5804, 0.9216
CMYK	0.00, 0.54, 0.91, 0.08
HSL	24°, 84%, 50%
HSV	24°, 91%, 92%
XYZ	39.6449, 28.2281, 4.0209
YIQ	135.3540, 104.2150, 0.0790

Conversions

Conversions Part 2

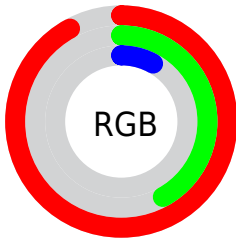
Format	Color
R _Y B	235, 166, 20
Decimal	15428372
CIE Lab	60.09, 45.59, 64.60
CIE LCh	60, 79.064, 54.786
Yxy	28.2281, 0.5514, 0.3926
Android (android.graphics.Color)	4293618452 (0xFFEB6B14)
YUV	135.3540, -56.8695, 87.3895
Hunter-Lab	53.1301, 40.2165, 32.7040

Details

The YUV color **135.3540, -56.8695, 87.3895** 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 **119.6460, 56.8695, -87.3895**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5300, -50.5473, 66.1872**, and **82.8270, -40.8337, 77.3277** is the 20% darker color. If you saturate the color by 10%, you get **126.0300, -62.1328, 95.5667**, and if you desaturate by 10%, it is **146.3080, -50.4378, 77.7829**.

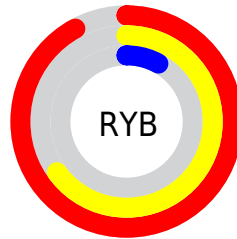
Distribution



Red (92%)

Green (42%)

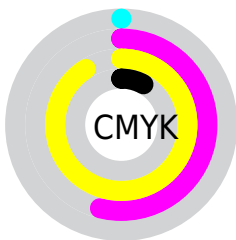
Blue (8%)



Red (92%)

Yellow (65%)

Blue (8%)

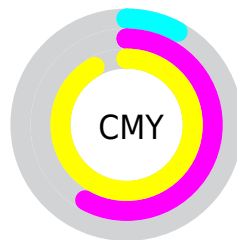


Cyan (0%)

Magenta (54%)

Yellow (91%)

Black (8%)



Cyan (8%)


Magenta (58%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.3540, -56.8695, 87.3895 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 135.3540, -56.8695, 87.3895 by changing the saturation by 10% instead.


 135.3540,
-56.8695, 87.3895

 135.3540,
-56.8695, 87.3895


255.0000, 0.0000,
0.0000


 108.2440,
-53.3643, 83.1010


 179.5300,
-50.5473, 66.1872


 82.8270, -40.8337,
77.3277


 198.9300,
-47.2935, 49.1734

 57.1220, -28.1611,
72.6840


 218.4440,
-43.6029, 32.0596

 32.5910, -16.0674,
67.0107

 238.5450,
-40.2017, 14.4310

 23.9200, -11.7926,
49.1822

 247.0200,
-30.5759, 6.9985


 16.3740, -7.0864,
32.9980

 250.2120,


 2.3920, -1.1793,


-18.3455, 4.1991


4.9182

 253.5180, -5.6784,
1.2997

 0.0000, 0.0000,
0.0000


 135.3540,
-56.8695, 87.3895

 135.3540,
-56.8695, 87.3895

 126.0300,
-62.1328, 95.5667

 146.3080,
-50.4378, 77.7829

 157.1480,
-44.4430, 68.2762

 168.1020,
-38.0113, 58.6695

 178.9420,
-32.0164, 49.1629

 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.



128.8830, -18.6763, 110.6046



135.3540, -56.8695, 87.3895



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.



135.3540, -56.8695, 87.3895



117.5450, 6.1403, -103.0870



139.7430, 56.8217, -25.2076

Complementary

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



135.3540, -56.8695, 87.3895



119.6460, 56.8695, -87.3895

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



135.3540, -56.8695, 87.3895



125.7530, 37.5898, -110.2854

Square

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



135.3540, -56.8695, 87.3895



105.7010, -24.0096, -92.6998



129.4470, 61.8976, -113.5250



145.8140, 39.5317, 60.6761

Rectangle

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



135.3540, -56.8695, 87.3895



131.9810, -65.0666, 9.6637



129.4470, 61.8976, -113.5250



112.4240, 70.2900, -98.5958

Sweetspot

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



135.3540, -56.8695, 87.3895



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.



135.3540, -56.8695, 87.3895



136.7060, -67.3961, 103.7438



197.5760, -87.5450, 32.8208



111.6370, -2.7790, 4.7034



96.9700, -47.8062, 73.6943



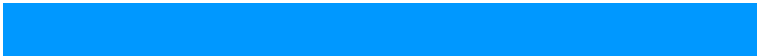
29.0600, -14.3266, 21.8724

Inverse Universe

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



119.6460, 56.8695, -87.3895



118.2940, 67.3961, -103.7438



56.8370, 87.8344, -32.3060



111.3630, 2.7790, -4.7034



84.0300, 47.8062, -73.6943



24.9400, 14.3266, -21.8724

Previews

White Background



This preview shows how the YUV color 135.3540, -56.8695, 87.3895 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 135.3540, -56.8695, 87.3895 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 135.3540, -56.8695, 87.3895

Background



This preview shows how black text looks on a background with the YUV color 135.3540, -56.8695, 87.3895.



This preview shows how white text looks on a background with the YUV color 135.3540, -56.8695, 87.3895.

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

135.3540, -56.8695, 87.3895

Protanopia

137.9730, -52.7377, 21.9487

Deuteranopia

136.0220, -67.0588, 42.0767



Tritanopia

141.9460, -17.7214, 84.2394

Trichromacy



Original Color

135.3540, -56.8695, 87.3895

Protanomaly

137.0730, -54.2660, 45.5400

Deuteranomaly

136.0440, -63.6187, 58.7204

Tritanomaly

139.8740, -31.9829, 85.1795

Monochromacy



Original Color

135.3540, -56.8695, 87.3895

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.1060, -20.7583, 31.4790

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.3540, -56.8695, 87.3895 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, 107, 20)` looks like.

```
.text, #text, p{  
    color:rgb(235, 107, 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, 107, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 107, 20) }
```

Border

The CSS property to change the border of an element to YUV 135.3540, -56.8695, 87.3895 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, 107, 20) }
```


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

```
.border{ border-color:rgb(235, 107, 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, 107, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 107, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 107, 20);  
box-shadow:4px 4px 4px 4px rgb(235, 107,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 135.3540, -56.8695, 87.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 107, 20) }
```

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

```
.background{ background-color: rgb(235,  
107, 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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