

Converting Colors

YUV(138.3210, -56.8533,
82.1565)

Have a look what the booklet for
YUV(138.3210, -56.8533, 82.1565)
contains.

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Color

**YUV(138.3210, -56.8533,
82.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	E87117
RGB	232, 113, 23
RGB Percent	91%, 44%, 9%
CMY	0.0902, 0.5569, 0.9098
CMYK	0.00, 0.51, 0.90, 0.09
HSL	26°, 82%, 50%
HSV	26°, 90%, 91%
XYZ	39.3385, 29.0279, 4.3402
YIQ	138.3210, 99.8140, -2.7620

Conversions

Conversions Part 2

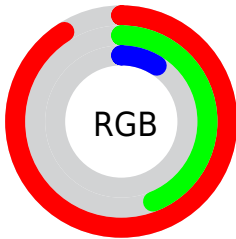
Format	Color
R_{YB}	232, 181, 23
Decimal	15233303
CIE _{Lab}	60.81, 41.56, 64.10
CIE _{LCh}	61, 76.396, 57.047
Yxy	29.0279, 0.5411, 0.3992
Android (android.graphics.Color)	4293423383 (0xFFE87117)
YUV	138.3210, -56.8533, 82.1565
Hunter-Lab	53.8776, 36.0453, 32.9381

Details

The YUV color **138.3210, -56.8533, 82.1565** 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 **116.6790, 56.8533, -82.1565**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.2800, -51.4100, 62.8984**, and **86.3380, -42.5646, 72.4946** is the 20% darker color. If you saturate the color by 10%, you get **128.0680, -63.1375, 91.1484**, and if you desaturate by 10%, it is **148.5740, -50.5690, 73.1646**.

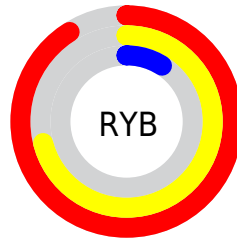
Distribution



Red (91%)

Green (44%)

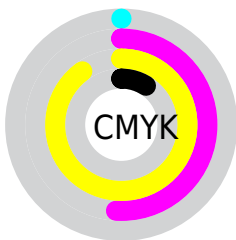
Blue (9%)



Red (91%)

Yellow (71%)

Blue (9%)

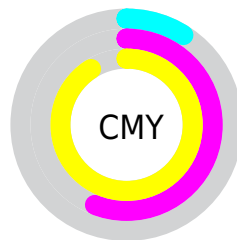


Cyan (0%)

Magenta (51%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (56%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.3210, -56.8533, 82.1565 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 138.3210, -56.8533, 82.1565 by changing the saturation by 10% instead.

138.3210,
-56.8533, 82.1565

138.3210,
-56.8533, 82.1565

255.0000, 0.0000,
0.0000

110.8690,
-54.6584, 78.1679

183.2800,
-51.4100, 62.8984

86.3380, -42.5646,
72.4946

202.2070,
-47.4301, 46.2995

61.8070, -30.4709,
66.8213

222.1940,
-44.4656, 28.7709

34.0530, -16.7881,
64.8515

242.4090,
-40.6276, 11.0423

23.3220, -11.4977,
47.9526

247.3620,
-29.2655, 6.6985

15.9610, -7.3758,
32.4832

250.5540,

1.4950, -0.7370,

-17.0351, 3.8991

3.0739

253.8600, -4.3680,
0.9998

0.0000, 0.0000,
0.0000

138.3210,
-56.8533, 82.1565

138.3210,
-56.8533, 82.1565

128.0680,
-63.1375, 91.1484

148.5740,
-50.5690, 73.1646

158.8270,
-44.2847, 64.1727

169.7810,
-37.8530, 54.5661

180.0340,
-31.5688, 45.5742

190.2870,
-25.2845, 36.5823

■ 200.5400,
-19.0002, 27.5904

■ 210.7930,
-12.7159, 18.5985

■ 221.7470, -6.2843,
8.9919

■ 232.0000, 0.0000,
0.0000

Harmonies

Analogous

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



134.0520, -21.7176, 106.0714



138.3210, -56.8533, 82.1565



137.7720, -67.9216, 38.7880

Triad

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



138.3210, -56.8533, 82.1565



119.0440, 9.3453, -104.4016



144.5270, 54.4632, -15.3712

Complementary

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



138.3210, -56.8533, 82.1565



116.6790, 56.8533, -82.1565

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



138.3210, -56.8533, 82.1565



126.7960, 39.0476, -111.2001

Square

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



138.3210, -56.8533, 82.1565



108.0150, -20.2204, -94.7292



129.4470, 61.8976, -113.5250



147.9130, 36.0319, 63.2203

Rectangle

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



138.3210, -56.8533, 82.1565



132.8450, -65.4926, 6.2749



129.4470, 61.8976, -113.5250



131.2720, 60.9979, -58.1205

Sweetspot

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



138.3210, -56.8533, 82.1565



224.2410, -18.8528, 26.9756



99.3990, 22.4813, 116.2911



109.2380, -10.9633, 16.4543



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.



138.3210, -56.8533, 82.1565



140.8150, -69.4218, 100.1402



198.1950, -86.3711, 29.6470



109.5230, -3.2158, 4.8033



98.7200, -48.6690, 70.4056



28.1630, -13.8844, 20.0280

Inverse Universe

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



116.6790, 56.8533, -82.1565



114.1850, 69.4218, -100.1402



56.8050, 86.3711, -29.6470



108.4770, 3.2158, -4.8033



80.2800, 48.6690, -70.4056



22.8370, 13.8844, -20.0280

Previews

White Background



This preview shows how the YUV color 138.3210, -56.8533, 82.1565 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 138.3210, -56.8533, 82.1565 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 138.3210, -56.8533, 82.1565

Background



This preview shows how black text looks on a background with the YUV color 138.3210, -56.8533, 82.1565.



This preview shows how white text looks on a background with the YUV color 138.3210, -56.8533, 82.1565.

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

138.3210, -56.8533, 82.1565

Protanopia

140.1580, -53.3219, 22.6634

Deuteranopia

137.7940, -67.9324, 42.2767



Tritanopia

144.6680, -16.1053, 79.2212

Trichromacy



Original Color

138.3210, -56.8533, 82.1565

Protanomaly

139.3610, -54.4080, 44.4104

Deuteranomaly

137.9190, -64.0501, 57.0760

Tritanomaly

142.4820, -30.8036, 80.2613

Monochromacy



Original Color

138.3210, -56.8533, 82.1565

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.0950, -20.7528, 29.7347

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.3210, -56.8533, 82.1565 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(232, 113, 23)` looks like.

```
.text, #text, p{  
    color:rgb(232, 113, 23)  
}
```

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(232, 113, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 113, 23) }
```

Border

The CSS property to change the border of an element to YUV 138.3210, -56.8533, 82.1565 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(232, 113, 23) }
```


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

```
.border{ border-color:rgb(232, 113, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 113, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 113, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 113, 23);  
box-shadow:4px 4px 4px 4px rgb(232, 113,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 138.3210, -56.8533, 82.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 113, 23) }
```

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

```
.background{ background-color: rgb(232,  
113, 23) }
```

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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