

Converting Colors

YUV(128.3340, -63.2687,
86.5301)

Have a look what the booklet for
YUV(128.3340, -63.2687, 86.5301)
contains.

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Color

**YUV(128.3340, -63.2687,
86.5301)**

Conversions

Conversions Part 1

Format	Color
Hex	E36700
RGB	227, 103, 0
RGB Percent	89%, 40%, 0%
CMY	0.1098, 0.5961, 1.0000
CMYK	0.00, 0.55, 1.00, 0.11
HSL	27°, 100%, 45%
HSV	27°, 100%, 89%
XYZ	36.5288, 26.0314, 3.0993
YIQ	128.3340, 106.9670, -5.7450

Conversions

Conversions Part 2

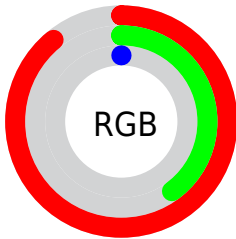
Format	Color
R_{YB}	227, 189, 0
Decimal	14903040
CIE _{Lab}	58.07, 44.27, 66.64
CIE _{LCh}	58, 80.002, 56.400
Yxy	26.0314, 0.5563, 0.3965
Android (android.graphics.Color)	4293093120 (0xFFE36700)
YUV	128.3340, -63.2687, 86.5301
Hunter-Lab	51.0210, 38.5116, 32.1131

Details

The YUV color **128.3340, -63.2687, 86.5301** 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 **98.6660, 63.2687, -86.5301**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9280, -54.1945, 69.3461**, and **78.9730, -38.9337, 74.5687** is the 20% darker color. If you saturate the color by 10%, you get **128.3340, -63.2687, 86.5301**, and if you desaturate by 10%, it is **138.0000, -56.6950, 78.0530**.

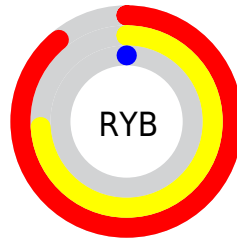
Distribution



Red (89%)

Green (40%)

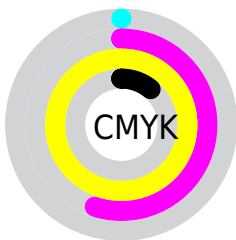
Blue (0%)



Red (89%)

Yellow (74%)

Blue (0%)

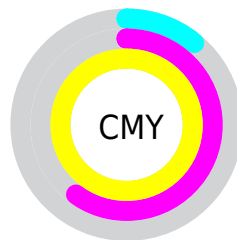


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.3340, -63.2687, 86.5301 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 128.3340, -63.2687, 86.5301 by changing the saturation by 10% instead.

128.3340,
-63.2687, 86.5301

128.3340,
-63.2687, 86.5301

255.0000, 0.0000,
0.0000

103.5040,
-51.0275, 80.2420

175.9280,
-54.1945, 69.3461

78.9730, -38.9337,
74.5687

194.8550,
-50.2145, 52.7472

52.3820, -25.8243,
69.8250

214.9560,
-46.8133, 35.1186

30.4980, -15.0355,
62.7073

234.4700,
-43.1227, 18.0048

21.8270, -10.7607,
44.8787

245.8800,
-34.9438, 7.9982


14.2810, -6.0545,
28.6946

249.0720,


0.0000, 0.0000,


-22.7135, 5.1989

0.0000


 252.3780,
-10.0464, 2.2995

 128.3340,
-63.2687, 86.5301

 138.0000,
-56.6950, 78.0530

 148.1390,
-50.8475, 69.1611

 157.8050,
-44.2739, 60.6840

 168.0580,
-37.9896, 51.6921

 177.7240,
-31.4159, 43.2151

■ 187.2760,
-25.2791, 34.8379

■ 197.5290,
-18.9948, 25.8461

■ 207.1950,
-12.4211, 17.3690

■ 217.3340, -6.5737,
8.4771

Harmonies

Analogous

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



123.7480, -20.5818, 115.1080



128.3340, -63.2687, 86.5301



131.2820, -64.7220, 39.2177

Triad

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



128.3340, -63.2687, 86.5301



113.9090, 7.4399, -99.8982



135.9330, 58.7000, -20.9892

Complementary

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



128.3340, -63.2687, 86.5301



98.6660, 63.2687, -86.5301

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.



117.7070, 67.6854, -103.2290



128.3340, -63.2687, 86.5301



122.5900, 38.1631, -107.5114

Square

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



128.3340, -63.2687, 86.5301



102.4240, -23.8730, -89.8258



125.9250, 63.6340, -110.4362



139.3200, 38.7892, 65.4944

Rectangle

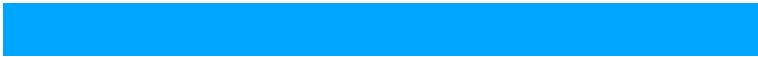
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



128.3340, -63.2687, 86.5301



126.6430, -62.4350, 5.5751



125.9250, 63.6340, -110.4362



112.5010, 70.2520, -86.3854

Sweetspot

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



128.3340, -63.2687, 86.5301



221.6820, -21.0422, 29.2199



82.1230, 21.1384, 127.0571



107.4940, -12.5685, 17.9838



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.



128.3340, -63.2687, 86.5301



144.3370, -71.1581, 97.0515



194.6650, -95.9698, 28.3578



109.5230, -3.2158, 4.8033



101.0680, -49.8265, 68.3464



28.7500, -14.1738, 19.5132

Inverse Universe

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



98.6660, 63.2687, -86.5301



110.6630, 71.1581, -97.0515



32.3350, 95.9698, -28.3578



108.4770, 3.2158, -4.8033



77.9320, 49.8265, -68.3464



22.2500, 14.1738, -19.5132

Previews

White Background



This preview shows how the YUV color 128.3340, -63.2687, 86.5301 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 128.3340, -63.2687, 86.5301 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 128.3340, -63.2687, 86.5301

Background



This preview shows how black text looks on a background with the YUV color 128.3340, -63.2687, 86.5301.



This preview shows how white text looks on a background with the YUV color 128.3340, -63.2687, 86.5301.

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



Protanopia

131.8160, -54.6323, 22.9634

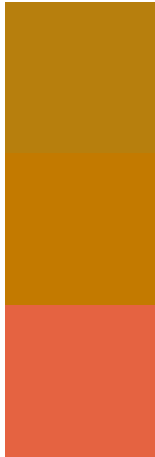
Deuteranopia

130.9940, -64.5800, 40.3473

Tritanopia

136.7500, -17.1318, 81.7802

Trichromacy



Protanomaly

130.7480, -58.0498, 45.8250

Deuteranomaly

129.9190, -64.0501, 57.0760

Tritanomaly

133.9940, -34.0140, 83.3203

Monochromacy



Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1230, -23.2316, 31.4641

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3340, -63.2687, 86.5301 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(227, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 103, 0)  
}
```

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(227, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 103, 0) }
```

Border

The CSS property to change the border of an element to YUV 128.3340, -63.2687, 86.5301 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(227, 103, 0) }
```

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

```
.border{ border-color:rgb(227, 103, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 103, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 103,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 128.3340, -63.2687, 86.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 103, 0) }
```

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

```
.background{ background-color: rgb(227,  
103, 0) }
```

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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