

Converting Colors

YUV(131.8330, -60.0637,
85.2155)

Have a look what the booklet for
YUV(131.8330, -60.0637, 85.2155)
contains.

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Color

**YUV(131.8330, -60.0637,
85.2155)**

Conversions

Conversions Part 1

Format	Color
Hex	E56A0A
RGB	229, 106, 10
RGB Percent	90%, 42%, 4%
CMY	0.1020, 0.5843, 0.9608
CMYK	0.00, 0.54, 0.96, 0.10
HSL	26°, 92%, 47%
HSV	26°, 96%, 90%
XYZ	37.5219, 26.9880, 3.5187
YIQ	131.8330, 104.1240, -3.7800

Conversions

Conversions Part 2

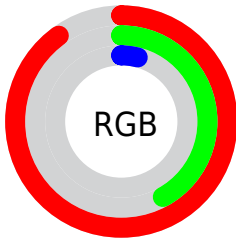
Format	Color
R _Y B	229, 181, 10
Decimal	15034890
CIE Lab	58.96, 43.67, 65.54
CIE LCh	59, 78.760, 56.323
Yxy	26.9880, 0.5516, 0.3967
Android (android.graphics.Color)	4293224970 (0xFFE56A0A)
YUV	131.8330, -60.0637, 85.2155
Hunter-Lab	51.9500, 38.0128, 32.3491

Details

The YUV color **131.8330, -60.0637, 85.2155** 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 **107.1670, 60.0637, -85.2155**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2590, -52.8787, 67.3019**, and **81.3320, -40.0967, 74.2538** is the 20% darker color. If you saturate the color by 10%, you get **127.1710, -62.6953, 89.3040**, and if you desaturate by 10%, it is **142.0860, -53.7794, 76.2236**.

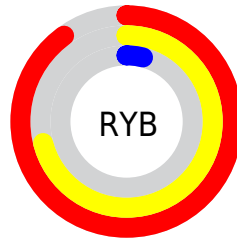
Distribution



Red (90%)

Green (42%)

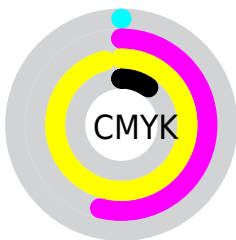
Blue (4%)



Red (90%)

Yellow (71%)

Blue (4%)

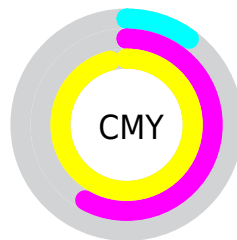


Cyan (0%)

Magenta (54%)

Yellow (96%)

Black (10%)



Cyan (10%)


Magenta (58%)


Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.8330, -60.0637, 85.2155 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 131.8330, -60.0637, 85.2155 by changing the saturation by 10% instead.


 131.8330,
-60.0637, 85.2155

 131.8330,
-60.0637, 85.2155


255.0000, 0.0000,
0.0000


 105.8630,
-52.1905, 79.9271


 178.2590,
-52.8787, 67.3019


 81.3320, -40.0967,
74.2538


 197.1860,
-48.8987, 50.7029

 55.6270, -27.4241,
69.6101


 217.2870,
-45.4975, 33.0743

 31.0960, -15.3303,
63.9368

 237.3880,
-42.0963, 15.4457

 22.4250, -11.0555,
46.1083

 246.4500,
-32.7599, 7.4983

 14.8790, -6.3493,
29.9241

 249.6420,

 0.0000, 0.0000,

-20.5295, 4.6990

0.0000

252.9480, -7.8624,
1.7996

131.8330,
-60.0637, 85.2155

131.8330,
-60.0637, 85.2155

127.1710,
-62.6953, 89.3040

142.0860,
-53.7794, 76.2236

152.3390,
-47.4951, 67.2317

162.5920,
-41.2109, 58.2398

172.2580,
-34.6372, 49.7627

182.5110,
-28.3529, 40.7709

■ 192.6500,
-22.5055, 31.8789

■ 202.9030,
-16.2212, 22.8871

■ 213.1560, -9.9369,
13.8952

■ 223.4090, -3.6526,
4.9033

Harmonies

Analogous

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



127.0250, -20.7183, 112.2341



131.8330, -60.0637, 85.2155



133.0540, -65.5956, 39.4176

Triad

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



131.8330, -60.0637, 85.2155



115.3110, 7.7347, -101.1277



138.3030, 57.5316, -19.5597

Complementary

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



131.8330, -60.0637, 85.2155



107.1670, 60.0637, -85.2155

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.



118.8810, 67.1067, -104.2586



131.8330, -60.0637, 85.2155



123.9920, 38.4579, -108.7410

Square

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



131.8330, -60.0637, 85.2155



104.6410, -22.9940, -91.7702



127.0990, 63.0552, -111.4658



142.1950, 38.3579, 63.8500

Rectangle

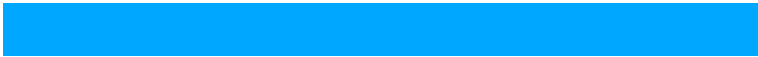
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



131.8330, -60.0637, 85.2155



128.7140, -63.4560, 6.3898



127.0990, 63.0552, -111.4658



119.6550, 66.7251, -75.1194

Sweetspot

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



131.8330, -60.0637, 85.2155



221.9100, -20.1686, 29.0199



89.6170, 21.8808, 122.2389



107.6080, -12.1317, 17.8838



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.



131.8330, -60.0637, 85.2155



141.9890, -70.0006, 99.1106



195.2290, -91.3179, 29.6172



109.5230, -3.2158, 4.8033



99.3070, -48.9584, 69.8908



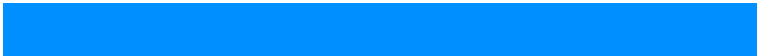
28.1630, -13.8844, 20.0280

Inverse Universe

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



107.1670, 60.0637, -85.2155



113.0110, 70.0006, -99.1106



43.7710, 91.3179, -29.6172



108.4770, 3.2158, -4.8033



79.1060, 49.2477, -69.3760



22.8370, 13.8844, -20.0280

Previews

White Background



This preview shows how the YUV color 131.8330, -60.0637, 85.2155 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 131.8330, -60.0637, 85.2155 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 131.8330, -60.0637, 85.2155

Background



This preview shows how black text looks on a background with the YUV color 131.8330, -60.0637, 85.2155.



This preview shows how white text looks on a background with the YUV color 131.8330, -60.0637, 85.2155.

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

131.8330, -60.0637, 85.2155

Protanopia

134.4030, -54.9217, 22.4486

Deuteranopia

133.0650, -65.6010, 41.1620



Tritanopia

139.4510, -16.9843, 81.1655

Trichromacy



Original Color

131.8330, -60.0637, 85.2155

Protanomaly

133.6770, -57.0288, 45.0103

Deuteranomaly

132.4460, -63.3239, 57.4909

Tritanomaly

136.9230, -32.9930, 82.5055

Monochromacy



Original Color

131.8330, -60.0637, 85.2155

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.1660, -21.7738, 30.5494

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8330, -60.0637, 85.2155 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(229, 106, 10)` looks like.

```
.text, #text, p{  
    color:rgb(229, 106, 10)  
}
```

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(229, 106, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 106, 10) }
```

Border

The CSS property to change the border of an element to YUV 131.8330, -60.0637, 85.2155 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(229, 106, 10) }
```


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

```
.border{ border-color:rgb(229, 106, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 106, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 106, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 106, 10);  
box-shadow:4px 4px 4px 4px rgb(229, 106,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 131.8330, -60.0637, 85.2155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 106, 10) }
```

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

```
.background{ background-color: rgb(229,  
106, 10) }
```

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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