

Converting Colors

YUV(132.3050, -59.3104,
76.9085)

Have a look what the booklet for
YUV(132.3050, -59.3104, 76.9085)
contains.

YUV(132.3050, -59.3104, 76.9085)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(132.3050, -59.3104,
76.9085)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6F0C
RGB	220, 111, 12
RGB Percent	86%, 44%, 5%
CMY	0.1373, 0.5647, 0.9529
CMYK	0.00, 0.50, 0.95, 0.14
HSL	29°, 90%, 45%
HSV	29°, 95%, 86%
XYZ	35.2660, 26.6111, 3.6256
YIQ	132.3050, 96.7430, -7.6810

Conversions

Conversions Part 2

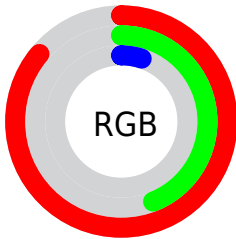
Format	Color
R_{YB}	220, 201, 12
Decimal	14446348
CIE Lab	58.61, 37.68, 64.30
CIE LCh	59, 74.527, 59.628
Yxy	26.6111, 0.5384, 0.4063
Android (android.graphics.Color)	4292636428 (0xFFDC6F0C)
YUV	132.3050, -59.3104, 76.9085
Hunter-Lab	51.5859, 31.7537, 31.9431

Details

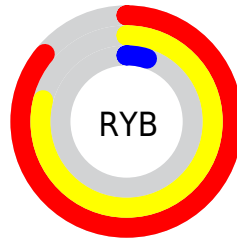
The YUV color **132.3050, -59.3104, 76.9085** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **99.6950, 59.3104, -76.9085**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7210, -53.5995, 65.1427**, and **82.4620, -40.6538, 66.2468** is the 20% darker color. If you saturate the color by 10%, you get **127.4150, -62.8156, 81.1970**, and if you desaturate by 10%, it is **141.8570, -53.1735, 68.5314**.

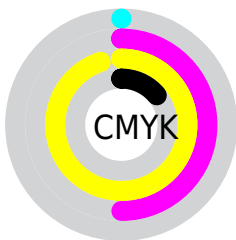
Distribution



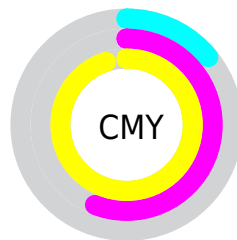
- Red (86%)
- Green (44%)
- Blue (5%)



- Red (86%)
- Yellow (79%)
- Blue (5%)



- Cyan (0%)
- Magenta (50%)
- Yellow (95%)
- Black (14%)



- Cyan (14%)
- Magenta (56%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.3050, -59.3104, 76.9085 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 132.3050, -59.3104, 76.9085 by changing the saturation by 10% instead.

132.3050,
-59.3104, 76.9085

132.3050,
-59.3104, 76.9085

255.0000, 0.0000,
0.0000

106.4060,
-52.4582, 72.4349

180.7210,
-53.5995, 65.1427

82.4620, -40.6538,
66.2468

200.2350,
-49.9089, 48.0289

58.5180, -28.8494,
60.0587

219.7490,
-46.2183, 30.9151

32.5250, -16.0348,
56.5446

239.8500,
-42.8170, 13.2866

20.3320, -10.0237,
41.8048

246.5640,
-32.3231, 7.3984

13.2700, -6.0491,
26.9502

249.7560,

0.0000, 0.0000,

-20.0927, 4.5990

0.0000

253.0620, -7.4256,
1.6996

132.3050,
-59.3104, 76.9085

132.3050,
-59.3104, 76.9085

127.4150,
-62.8156, 81.1970

141.8570,
-53.1735, 68.5314

150.8220,
-46.7472, 60.6691

160.3740,
-40.6104, 52.2920

169.3390,
-34.1841, 44.4297

178.8910,
-28.0473, 36.0526

■ 187.8560,
-21.6210, 28.1903

■ 197.4080,
-15.4841, 19.8132

■ 206.3730, -9.0579,
11.9509

■ 215.9250, -2.9210,
3.5738

Harmonies

Analogous

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



130.3570, -24.3330, 104.9269



132.3050, -59.3104, 76.9085



131.8360, -64.9951, 33.4698

Triad

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



132.3050, -59.3104, 76.9085



115.5220, 11.0817, -101.3128



141.6250, 55.8939, -7.5641

Complementary

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



132.3050, -59.3104, 76.9085



99.6950, 59.3104, -76.9085

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.



116.5330, 68.2642, -102.1994



132.3050, -59.3104, 76.9085



123.0460, 39.9103, -107.9113

Square

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



132.3050, -59.3104, 76.9085



104.8350, -17.1737, -91.9403



125.2240, 63.4866, -109.8214



141.4250, 32.8215, 66.2793

Rectangle

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



132.3050, -59.3104, 76.9085



127.2080, -62.7135, 1.5716



125.2240, 63.4866, -109.8214



132.2460, 60.5177, -44.0657

Sweetspot

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



132.3050, -59.3104, 76.9085



225.1870, -20.3052, 26.1460



86.8460, 17.8239, 116.7761



109.4830, -12.5631, 16.2394



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.



132.3050, -59.3104, 76.9085



147.2720, -72.6051, 94.4775



192.1790, -88.8282, 24.3990



105.2240, -3.0684, 4.1886



100.4480, -49.5209, 63.6281



26.6680, -13.1473, 16.9542

Inverse Universe

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



99.6950, 59.3104, -76.9085



107.7280, 72.6051, -94.4775



39.8210, 88.8282, -24.3990



103.1890, 3.3578, -3.6738



73.1390, 49.2315, -64.1429



19.3320, 13.1473, -16.9542

Previews

White Background



This preview shows how the YUV color 132.3050, -59.3104, 76.9085 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 132.3050, -59.3104, 76.9085 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 132.3050, -59.3104, 76.9085

Background



This preview shows how black text looks on a background with the YUV color 132.3050, -59.3104, 76.9085.



This preview shows how white text looks on a background with the YUV color 132.3050, -59.3104,

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

132.3050, -59.3104, 76.9085

Protanopia

133.5170, -54.4849, 22.3486

Deuteranopia

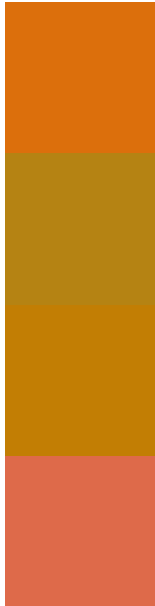
132.1790, -65.1642, 41.0620



Tritanopia

139.6780, -14.6313, 73.0734

Trichromacy



Original Color

132.3050, -59.3104, 76.9085

Protanomaly

133.1820, -56.2917, 41.9364

Deuteranomaly

132.4240, -63.3130, 54.0022

Tritanomaly

137.0360, -31.0767, 74.5134

Monochromacy



Original Color

132.3050, -59.3104, 76.9085

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.8560, -21.6210, 28.1903

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3050, -59.3104, 76.9085 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(220, 111, 12)` looks like.

```
.text, #text, p{  
    color:rgb(220, 111, 12)  
}
```

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(220, 111, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 111, 12) }
```

Border

The CSS property to change the border of an element to YUV 132.3050, -59.3104, 76.9085 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(220, 111, 12) }
```


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

```
.border{ border-color:rgb(220, 111, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 111, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 111, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 111, 12);  
box-shadow:4px 4px 4px 4px rgb(220, 111,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 132.3050, -59.3104, 76.9085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 111, 12) }
```

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

```
.background{ background-color: rgb(220,  
111, 12) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor