

Converting Colors

YUV(120.8260, -59.5672,
65.9276)

Have a look what the booklet for
YUV(120.8260, -59.5672, 65.9276)
contains.

YUV(120.8260, -59.5672, 65.9276)	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(120.8260, -59.5672,
65.9276)**

Conversions

Conversions Part 1

Format	Color
Hex	C46A00
RGB	196, 106, 0
RGB Percent	77%, 42%, 0%
CMY	0.2314, 0.5843, 1.0000
CMYK	0.00, 0.46, 1.00, 0.23
HSL	32°, 100%, 38%
HSV	32°, 100%, 77%
XYZ	27.9190, 22.0438, 2.7834
YIQ	120.8260, 87.6660, -13.8860

Conversions

Conversions Part 2

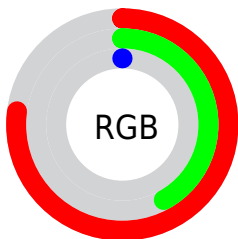
Format	Color
R_{YB}	166, 196, 0
Decimal	12872192
CIE _{Lab}	54.07, 30.33, 61.90
CIE _{LCh}	54, 68.932, 63.895
Yxy	22.0438, 0.5293, 0.4179
Android (android.graphics.Color)	4291062272 (0xFFC46A00)
YUV	120.8260, -59.5672, 65.9276
Hunter-Lab	46.9509, 23.9797, 29.3507

Details

The YUV color **120.8260, -59.5672, 65.9276** 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 **75.1740, 59.5672, -65.9276**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4010, -54.9207, 68.9313**, and **73.8240, -36.3952, 53.6514** is the 20% darker color. If you saturate the color by 10%, you get **120.8260, -59.5672, 65.9276**, and if you desaturate by 10%, it is **128.3890, -53.4358, 59.2948**.

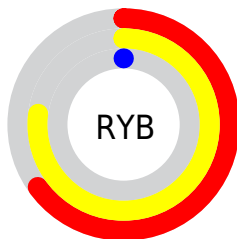
Distribution



Red (77%)

Green (42%)

Blue (0%)



Red (65%)

Yellow (77%)

Blue (0%)

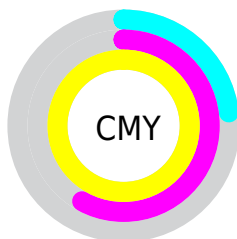


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8260, -59.5672, 65.9276 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 120.8260, -59.5672, 65.9276 by changing the saturation by 10% instead.

120.8260,
-59.5672, 65.9276

120.8260,
-59.5672, 65.9276

255.0000, 0.0000,
0.0000

96.8820, -47.7628,
59.7395

176.4010,
-54.9207, 68.9313

73.8240, -36.3952,
53.6514

195.2140,
-51.3775, 52.4323

51.6520, -25.4644,
47.6632

214.7280,
-47.6869, 35.3185

27.7190, -13.6655,
43.2194

234.8290,
-44.2857, 17.6900

14.9500, -7.3703,
30.7388

245.6520,
-35.8174, 8.1982


3.5880, -1.7689,
7.3773

248.8440,


0.0000, 0.0000,


-23.5871, 5.3988


0.0000


 252.0360,
-11.3567, 2.5994


 120.8260,
-59.5672, 65.9276

 128.3890,
-53.4358, 59.2948

 135.8380,
-47.7411, 52.7621

 143.4010,
-41.6097, 46.1293

 150.8500,
-35.9150, 39.5966

 158.4130,
-29.7836, 32.9638

■ 165.9760,
-23.6522, 26.3310

■ 173.4250,
-17.9575, 19.7983

■ 180.9880,
-11.8261, 13.1655

■ 188.4370, -6.1314,
6.6328

Harmonies

Analogous

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



120.5960, -26.9158, 93.3163



120.8260, -59.5672, 65.9276



120.2740, -59.2951, 25.1927

Triad

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



120.8260, -59.5672, 65.9276



107.0760, 14.2595, -93.9057



131.6390, 47.9990, 4.7016

Complementary

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



120.8260, -59.5672, 65.9276



75.1740, 59.5672, -65.9276

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.



107.0440, 69.9843, -93.8776



120.8260, -59.5672, 65.9276



113.1010, 39.8832, -99.1896

Square

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



120.8260, -59.5672, 65.9276



97.5460, -12.1012, -85.5478



114.3670, 59.9651, -100.2999



128.8290, 26.7063, 67.6790

Rectangle

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



120.8260, -59.5672, 65.9276



115.0700, -56.7295, -4.4464



114.3670, 59.9651, -100.2999



126.7000, 55.3639, -24.2929

Sweetspot

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



120.8260, -59.5672, 65.9276



225.7910, -23.0680, 25.6163



68.9780, 10.8568, 111.3983



109.8420, -13.7261, 15.9246



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.



120.8260, -59.5672, 65.9276



157.2510, -77.5247, 85.7259



171.5630, -84.5806, 15.2922



92.9250, -2.9210, 3.5738



99.2080, -48.9095, 54.1916



20.4330, -10.0735, 11.0213

Inverse Universe

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



75.1740, 59.5672, -65.9276



97.7490, 77.5247, -85.7259



24.4370, 84.5806, -15.2922



91.0750, 2.9210, -3.5738



61.7920, 48.9095, -54.1916



12.5670, 10.0735, -11.0213

Previews

White Background



This preview shows how the YUV color 120.8260, -59.5672, 65.9276 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 120.8260, -59.5672, 65.9276 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 120.8260, -59.5672, 65.9276

Background



This preview shows how black text looks on a background with the YUV color 120.8260, -59.5672, 65.9276.



This preview shows how white text looks on a background with the YUV color 120.8260, -59.5672, 65.9276.

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

120.8260, -59.5672, 65.9276

Protanopia

121.7880, -52.1535, 21.2339

Deuteranopia

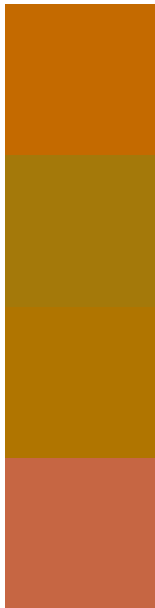
121.2370, -59.7698, 37.5032



Tritanopia

129.5840, -12.1199, 60.8778

Trichromacy



Original Color

120.8260, -59.5672, 65.9276

Protanomaly

121.2030, -54.8231, 37.5330

Deuteranomaly

121.3030, -59.8024, 47.9693

Tritanomaly

126.7140, -29.4390, 62.5178

Monochromacy



Original Color

120.8260, -59.5672, 65.9276

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1220, -21.7521, 23.5720

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8260, -59.5672, 65.9276 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(196, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 106, 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(196, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 106, 0) }
```

Border

The CSS property to change the border of an element to YUV 120.8260, -59.5672, 65.9276 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(196, 106, 0) }
```


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

```
.border{ border-color:rgb(196, 106, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 106, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 106,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 120.8260, -59.5672, 65.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 106, 0) }
```

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

```
.background{ background-color: rgb(196,  
106, 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](#).

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