

# Converting Colors

YUV(123.4620, -60.8668,  
62.7388)

Have a look what the booklet for  
YUV(123.4620, -60.8668, 62.7388)  
contains.

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# Color

**YUV(123.4620, -60.8668,  
62.7388)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C36F00
RGB	195, 111, 0
RGB Percent	76%, 44%, 0%
CMY	0.2353, 0.5647, 1.0000
CMYK	0.00, 0.43, 1.00, 0.24
HSL	34°, 100%, 38%
HSV	34°, 100%, 76%
XYZ	28.1901, 22.9710, 2.9481
YIQ	123.4620, 85.6950, -16.7130

# Conversions

## Conversions Part 2

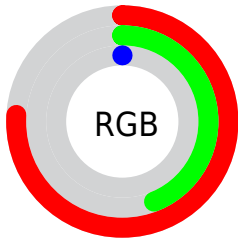
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 195, 0
Decimal	12807936
CIE Lab	55.04, 27.23, 62.43
CIE LCh	55, 68.110, 66.438
Yxy	22.9710, 0.5210, 0.4245
Android (android.graphics.Color)	4290998016 (0xFFC36F00)
YUV	123.4620, -60.8668, 62.7388
Hunter-Lab	47.9281, 21.1153, 29.9027

# Details

The YUV color **123.4620, -60.8668, 62.7388** 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 **71.5380, 60.8668, -62.7388**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.4500, -55.9308, 66.2574**, and **76.7590, -37.8422, 51.0774** is the 20% darker color. If you saturate the color by 10%, you get **123.4620, -60.8668, 62.7388**, and if you desaturate by 10%, it is **130.3240, -54.8827, 56.7209**.

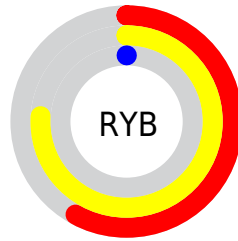
# Distribution



Red (76%)

Green (44%)

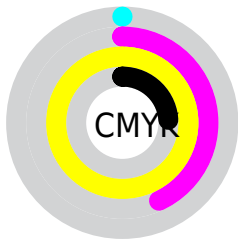
Blue (0%)



Red (58%)

Yellow (76%)

Blue (0%)

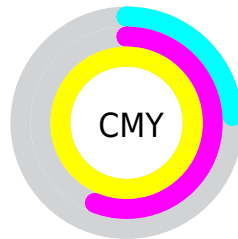


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.4620, -60.8668, 62.7388 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 123.4620, -60.8668, 62.7388 by changing the saturation by 10% instead.



123.4620,  
-60.8668, 62.7388

123.4620,  
-60.8668, 62.7388

255.0000, 0.0000,  
0.0000

99.8170, -49.2098,  
57.1655

179.4500,  
-55.9308, 66.2574

76.7590, -37.8422,  
51.0774

198.2630,  
-52.3877, 49.7583

54.2880, -26.7640,  
44.4744

217.7770,  
-48.6971, 32.6446

32.4150, -15.9806,  
39.1010

237.8780,  
-45.2959, 15.0160

14.9500, -7.3703,  
30.7388

245.7660,  
-35.3806, 8.0982


4.4850, -2.2111,  
9.2217


248.9580,

0.0000, 0.0000,

-23.1503, 5.2988

0.0000


 252.2640,  
-10.4832, 2.3995


 123.4620,  
-60.8668, 62.7388

 130.3240,  
-54.8827, 56.7209

 137.8870,  
-48.7513, 50.0881

 144.8630,  
-42.3305, 43.9701

 152.3120,  
-36.6358, 37.4374

 159.2880,  
-30.2150, 31.3194

■ 166.1500,  
-24.2309, 25.3015

■ 173.5990,  
-18.5363, 18.7687

■ 180.5750,  
-12.1155, 12.6507

■ 188.1380, -5.9840,  
6.0180

# Harmonies

## Analogous

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



124.0040, -29.0890, 90.3275



123.4620, -60.8668, 62.7388



122.0240, -60.1578, 21.9040

# Triad

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



123.4620, -60.8668, 62.7388



109.0480, 16.7383, -95.6351



134.8140, 45.9407, 11.5641

# Complementary

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



123.4620, -60.8668, 62.7388



71.5380, 60.8668, -62.7388

# 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.



107.7450, 70.1317, -94.4924



123.4620, -60.8668, 62.7388



115.0730, 42.3620, -100.9190

# Square

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



123.4620, -60.8668, 62.7388



100.3330, -9.0382, -87.9920



115.4100, 61.4229, -101.2146



130.5690, 24.3695, 70.5380



# Rectangle

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



123.4620, -60.8668, 62.7388



116.8200, -57.5923, -7.7351



115.4100, 61.4229, -101.2146



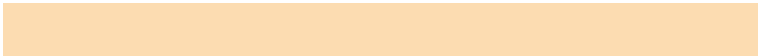
131.0710, 52.7160, -14.9713

# Sweetspot

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



123.4620, -60.8668, 62.7388



224.6660, -23.4993, 23.9719



67.9950, 8.3835, 111.3834



111.0160, -14.3049, 14.8950



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.



123.4620, -60.8668, 62.7388



159.8760, -78.8189, 80.7927



168.8830, -83.2593, 11.5036



93.5120, -3.2104, 3.0590



101.5560, -50.0671, 52.1324



21.0200, -10.3629, 10.5065



# Inverse Universe

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



71.5380, 60.8668, -62.7388



92.7110, 78.5295, -81.3075



26.1170, 83.2593, -11.5036



90.4880, 3.2104, -3.0590



58.8570, 50.3565, -51.6176



11.9800, 10.3629, -10.5065



# Previews

## White Background



This preview shows how the YUV color 123.4620, -60.8668, 62.7388 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 123.4620, -60.8668, 62.7388 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 123.4620, -60.8668, 62.7388

## Background



This preview shows how black text looks on a background with the YUV color 123.4620, -60.8668, 62.7388.



This preview shows how white text looks on a background with the YUV color 123.4620, -60.8668, 62.7388.



# 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

124.3320, -53.9007, 21.6338

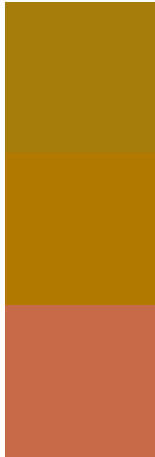
### Deuteranopia

123.8950, -61.0802, 37.8031

### Tritanopia

132.6160, -10.6567, 58.2188

# Trichromacy



## Protanomaly

124.1490, -56.2755, 36.7033

## Deuteranomaly

123.9500, -61.1073, 46.5249

## Tritanomaly

129.5180, -28.8494, 60.0587

# Monochromacy



## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

123.2960, -22.3309, 22.5424

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.4620, -60.8668, 62.7388 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(195, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 111, 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(195, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 0) }
```

## Border

The CSS property to change the border of an element to YUV 123.4620, -60.8668, 62.7388 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(195, 111, 0) }
```

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

```
.border{ border-color:rgb(195, 111, 0) }
```

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

Here you see how a box with a 4 pixel rgb(195, 111, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 111,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 123.4620, -60.8668, 62.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 111, 0) }
```

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

```
.background{ background-color: rgb(195,  
111, 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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