

Converting Colors

YUV(123.3100, -60.2988,
67.2571)

Have a look what the booklet for
YUV(123.3100, -60.2988, 67.2571)
contains.

YUV(123.3100, -60.2988, 67.2571)	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(123.3100, -60.2988,
67.2571)**

Conversions

Conversions Part 1

Format	Color
Hex	C86C01
RGB	200, 108, 1
RGB Percent	78%, 42%, 0%
CMY	0.2157, 0.5765, 0.9961
CMYK	0.00, 0.46, 0.99, 0.22
HSL	32°, 99%, 39%
HSV	32°, 100%, 78%
XYZ	29.1875, 23.0067, 2.9311
YIQ	123.3100, 89.1790, -13.7730

Conversions

Conversions Part 2

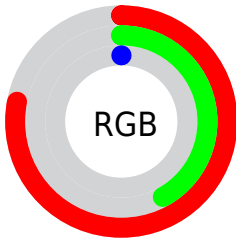
Format	Color
R_{YB}	172, 200, 1
Decimal	13134849
CIE Lab	55.08, 30.95, 62.61
CIE LCh	55, 69.844, 63.692
Yxy	23.0067, 0.5295, 0.4174
Android (android.graphics.Color)	4291324929 (0xFFC86C01)
YUV	123.3100, -60.2988, 67.2571
Hunter-Lab	47.9653, 24.6802, 29.9526

Details

The YUV color **123.3100, -60.2988, 67.2571** 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 **77.6900, 60.2988, -67.2571**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6890, -55.0627, 67.8017**, and **76.1940, -37.5636, 55.0809** is the 20% darker color. If you saturate the color by 10%, you get **123.1960, -60.7356, 67.3571**, and if you desaturate by 10%, it is **130.8730, -54.1674, 60.6244**.

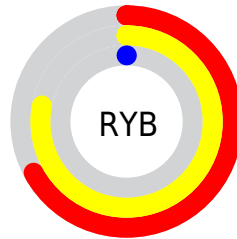
Distribution



Red (78%)

Green (42%)

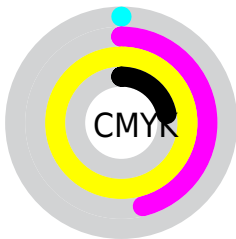
Blue (0%)



Red (67%)

Yellow (78%)

Blue (0%)

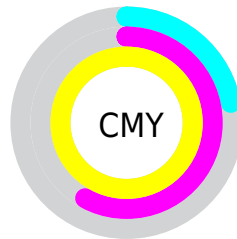


Cyan (0%)

Magenta (46%)

Yellow (99%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3100, -60.2988, 67.2571 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 123.3100, -60.2988, 67.2571 by changing the saturation by 10% instead.

123.3100,
-60.2988, 67.2571

123.3100,
-60.2988, 67.2571

255.0000, 0.0000,
0.0000

99.2520, -48.9312,
61.1690

177.6890,
-55.0627, 67.8017

76.1940, -37.5636,
55.0809

197.2030,
-51.3721, 50.6880

53.1360, -26.1960,
48.9927

216.6030,
-48.1183, 33.6742

29.7900, -14.6865,
44.0342

236.1170,
-44.4277, 16.5604

15.8470, -7.8126,
32.5832

245.7660,
-35.3806, 8.0982

6.2790, -3.0955,
12.9103

248.9580,

0.0000, 0.0000,

-23.1503, 5.2988

0.0000

■ 252.2640,
-10.4832, 2.3995

■ 123.3100,
-60.2988, 67.2571

■ 123.3100,
-60.2988, 67.2571

■ 123.1960,
-60.7356, 67.3571

■ 130.8730,
-54.1674, 60.6244

■ 138.4360,
-48.0359, 53.9916

■ 146.5860,
-42.1939, 46.8441

■ 154.1490,
-36.0625, 40.2113

■ 161.7120,
-29.9310, 33.5786

■ 169.2750,
-23.7996, 26.9458

■ 177.4250,
-17.9575, 19.7983

■ 184.9880,
-11.8261, 13.1655

■ 192.5510, -5.6946,
6.5328

Harmonies

Analogous

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



123.1940, -27.2106, 94.5459



123.3100, -60.2988, 67.2571



122.9320, -60.6055, 25.4926

Triad

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



123.3100, -60.2988, 67.2571



109.0650, 14.2650, -95.6500



133.8670, 48.8726, 4.5016

Complementary

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



123.3100, -60.2988, 67.2571



77.6900, 60.2988, -67.2571

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.



109.3750, 71.3001, -95.9219



123.3100, -60.2988, 67.2571



115.3180, 40.7622, -101.1339

Square

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



123.3100, -60.2988, 67.2571



99.5350, -12.0958, -87.2922



116.5840, 60.8441, -102.2442



131.3560, 27.4325, 68.0938

Rectangle

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



123.3100, -60.2988, 67.2571



117.7280, -58.0399, -4.1465



116.5840, 60.8441, -102.2442



128.7430, 56.8217, -25.2076

Sweetspot

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



123.3100, -60.2988, 67.2571



225.7910, -23.0680, 25.6163



71.1030, 11.2882, 113.0427



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.



123.3100, -60.2988, 67.2571



156.6640, -77.2354, 86.2407



175.2210, -85.8910, 15.5922



95.6260, -2.7736, 2.9590



100.3930, -49.4937, 54.9063



21.9170, -10.8051, 12.3508

Inverse Universe

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



77.6900, 60.2988, -67.2571



98.3360, 77.2354, -86.2407



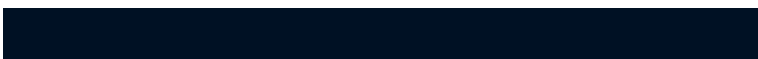
25.7790, 85.8910, -15.5922



93.3740, 2.7736, -2.9590



62.6070, 49.4937, -54.9063



14.0830, 10.8051, -12.3508

Previews

White Background



This preview shows how the YUV color 123.3100, -60.2988, 67.2571 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 123.3100, -60.2988, 67.2571 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 123.3100, -60.2988, 67.2571

Background



This preview shows how black text looks on a background with the YUV color 123.3100, -60.2988, 67.2571.



This preview shows how white text looks on a background with the YUV color 123.3100, -60.2988, 67.2571.

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

123.3100, -60.2988, 67.2571

Protanopia

124.5600, -53.0271, 21.4339

Deuteranopia

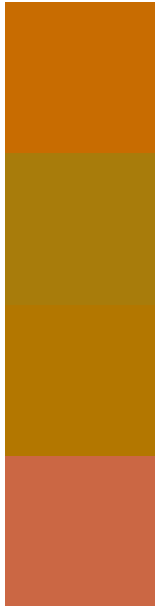
123.8950, -61.0802, 37.8031



Tritanopia

131.8940, -12.2727, 63.2370

Trichromacy



Original Color

123.3100, -60.2988, 67.2571

Protanomaly

124.2740, -55.8441, 38.3477

Deuteranomaly

123.3740, -60.8234, 48.7840

Tritanomaly

128.9100, -30.0286, 64.9769

Monochromacy



Original Color

123.3100, -60.2988, 67.2571

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.4210, -21.8996, 24.1868

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3100, -60.2988, 67.2571 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(200, 108, 1)` looks like.

```
.text, #text, p{  
    color:rgb(200, 108, 1)  
}
```

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(200, 108, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 108, 1) }
```

Border

The CSS property to change the border of an element to YUV 123.3100, -60.2988, 67.2571 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(200, 108, 1) }
```


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

```
.border{ border-color:rgb(200, 108, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 108, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 108, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 108, 1);  
box-shadow:4px 4px 4px 4px rgb(200, 108,  
1) }
```

Background

The CSS property to change the background color of an element to YUV 123.3100, -60.2988, 67.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 108, 1) }
```

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

```
.background{ background-color: rgb(200,  
108, 1) }
```

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