

Converting Colors

YUV(122.7260, -51.1369,
68.6463)

Have a look what the booklet for
YUV(122.7260, -51.1369, 68.6463)
contains.

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Color

**YUV(122.7260, -51.1369,
68.6463)**

Conversions

Conversions Part 1

Format	Color
Hex	C96713
RGB	201, 103, 19
RGB Percent	79%, 40%, 7%
CMY	0.2118, 0.5961, 0.9255
CMYK	0.00, 0.49, 0.91, 0.21
HSL	28°, 83%, 43%
HSV	28°, 91%, 79%
XYZ	29.0552, 22.1650, 3.3630
YIQ	122.7260, 85.3720, -5.3480

Conversions

Conversions Part 2

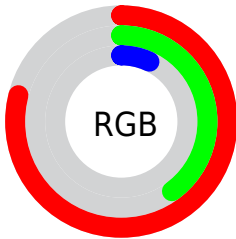
Format	Color
R _Y B	201, 175, 19
Decimal	13199123
CIE Lab	54.20, 34.23, 58.29
CIE LCh	54, 67.593, 59.578
Yxy	22.1650, 0.5323, 0.4061
Android (android.graphics.Color)	4291389203 (0xFFC96713)
YUV	122.7260, -51.1369, 68.6463
Hunter-Lab	47.0797, 27.7714, 28.7206

Details

The YUV color **122.7260, -51.1369, 68.6463** 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 **97.2740, 51.1369, -68.6463**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6660, -50.1213, 69.5759**, and **72.9710, -35.9747, 58.7844** is the 20% darker color. If you saturate the color by 10%, you get **114.6900, -56.5422, 75.6939**, and if you desaturate by 10%, it is **131.4630, -45.5843, 60.9839**.

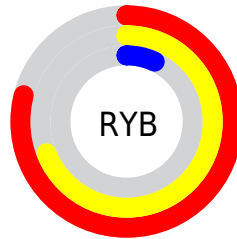
Distribution



Red (79%)

Green (40%)

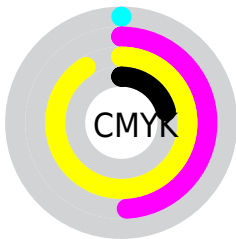
Blue (7%)



Red (79%)

Yellow (69%)

Blue (7%)

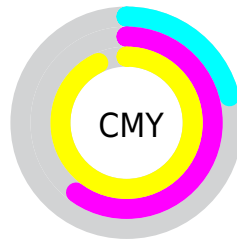


Cyan (0%)

Magenta (49%)

Yellow (91%)

Black (21%)



Cyan (21%)


Magenta (60%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.7260, -51.1369, 68.6463 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 122.7260, -51.1369, 68.6463 by changing the saturation by 10% instead.


 122.7260,
-51.1369, 68.6463


 122.7260,
-51.1369, 68.6463


255.0000, 0.0000,
0.0000


 96.6160, -47.6317,
64.3578


 175.6660,
-50.1213, 69.5759


 72.9710, -35.9747,
58.7844


 195.0660,
-46.8675, 52.5621


 49.9130, -24.6071,
52.6963


 214.4660,
-43.6137, 35.5483

 24.8060, -12.2294,
49.2821

 233.9800,
-39.9231, 18.4345

 16.1460, -7.9600,
33.1980

 246.5640,
-32.3231, 7.3984

 6.2790, -3.0955,
12.9103

 249.7560,

 0.0000, 0.0000,

-20.0927, 4.5990

0.0000

253.0620, -7.4256,
1.6996

122.7260,
-51.1369, 68.6463

122.7260,
-51.1369, 68.6463

114.6900,
-56.5422, 75.6939

131.4630,
-45.5843, 60.9839

140.2000,
-40.0316, 53.3216

148.3500,
-34.1895, 46.1741

157.0870,
-28.6369, 38.5117

165.9380,
-22.6474, 30.7494

■ 174.6750,
-17.0948, 23.0870

■ 183.4120,
-11.5421, 15.4247

■ 192.1490, -5.9895,
7.7623

■ 200.2990, -0.1474,
0.6148

Harmonies

Analogous

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



121.4480, -22.4059, 93.4461



122.7260, -51.1369, 68.6463



121.4920, -59.8956, 31.1405

Triad

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



122.7260, -51.1369, 68.6463



105.4630, 10.6177, -92.4911



130.1430, 50.2155, -6.2644

Complementary

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



122.7260, -51.1369, 68.6463



97.2740, 51.1369, -68.6463

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.



108.5770, 68.2425, -95.2220



122.7260, -51.1369, 68.6463



112.1890, 36.3888, -98.3898

Square

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



122.7260, -51.1369, 68.6463



96.7480, -15.1588, -84.8480



114.2700, 57.0549, -100.2148



130.7570, 29.2068, 58.9721

Rectangle

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



122.7260, -51.1369, 68.6463



116.8860, -57.6248, 2.7310



114.2700, 57.0549, -100.2148



123.5950, 57.8807, -38.2328

Sweetspot

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



122.7260, -51.1369, 68.6463



225.4150, -19.4316, 25.9460



84.8180, 16.8517, 101.8916



110.4120, -11.5421, 15.4247



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.



122.7260, -51.1369, 68.6463



145.5110, -71.7369, 96.0219



174.9690, -76.8927, 22.8292



95.0390, -2.4842, 3.4738



92.7620, -45.7317, 61.5987



20.1560, -9.9369, 13.8952

Inverse Universe

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



97.2740, 51.1369, -68.6463



109.4890, 71.7369, -96.0219



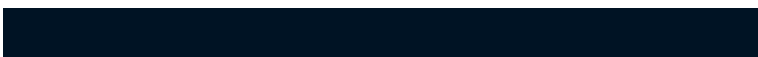
45.0310, 76.8927, -22.8292



93.9610, 2.4842, -3.4738



70.2380, 45.7317, -61.5987



15.2570, 10.2263, -13.3804

Previews

White Background



This preview shows how the YUV color 122.7260, -51.1369, 68.6463 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 122.7260, -51.1369, 68.6463 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 122.7260, -51.1369, 68.6463

Background



This preview shows how black text looks on a background with the YUV color 122.7260, -51.1369, 68.6463.



This preview shows how white text looks on a background with the YUV color 122.7260, -51.1369,

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

122.7260, -51.1369, 68.6463

Protanopia

123.0420, -47.3487, 20.1342

Deuteranopia

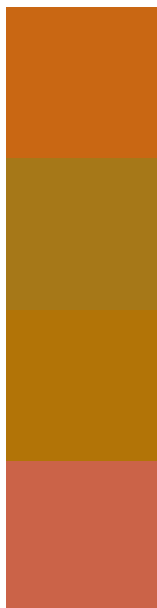
121.5360, -59.9172, 38.1179



Tritanopia

129.0900, -12.8624, 65.6961

Trichromacy



Original Color

122.7260, -51.1369, 68.6463

Protanomaly

122.8100, -48.7133, 37.8776

Deuteranomaly

122.1120, -56.7502, 49.0138

Tritanomaly

127.0180, -27.1239, 66.6362

Monochromacy



Original Color

122.7260, -51.1369, 68.6463

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9310, -18.7000, 24.6165

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7260, -51.1369, 68.6463 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(201, 103, 19)` looks like.

```
.text, #text, p{  
    color:rgb(201, 103, 19)  
}
```

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(201, 103, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 103, 19) }
```

Border

The CSS property to change the border of an element to YUV 122.7260, -51.1369, 68.6463 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(201, 103, 19) }
```


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

```
.border{ border-color:rgb(201, 103, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 103, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 103, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 103, 19);  
box-shadow:4px 4px 4px 4px rgb(201, 103,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 122.7260, -51.1369, 68.6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 103, 19) }
```

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

```
.background{ background-color: rgb(201,  
103, 19) }
```

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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