

Converting Colors

YUV(122.2770, -60.2826,
62.0241)

Have a look what the booklet for
YUV(122.2770, -60.2826, 62.0241)
contains.

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Color

**YUV(122.2770, -60.2826,
62.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	C16E00
RGB	193, 110, 0
RGB Percent	76%, 43%, 0%
CMY	0.2431, 0.5686, 1.0000
CMYK	0.00, 0.43, 1.00, 0.24
HSL	34°, 100%, 38%
HSV	34°, 100%, 76%
XYZ	27.5682, 22.4893, 2.8879
YIQ	122.2770, 84.7780, -16.6140

Conversions

Conversions Part 2

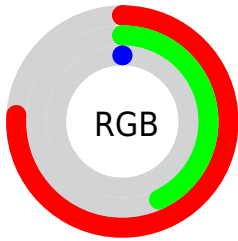
Format	Color
R _Y B	146, 193, 0
Decimal	12676608
CIE Lab	54.54, 26.91, 61.98
CIE LCh	55, 67.571, 66.530
Yxy	22.4893, 0.5207, 0.4248
Android (android.graphics.Color)	4290866688 (0xFFC16E00)
YUV	122.2770, -60.2826, 62.0241
Hunter-Lab	47.4229, 20.7769, 29.5855

Details

The YUV color **122.2770, -60.2826, 62.0241** 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 **70.7230, 60.2826, -62.0241**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8630, -55.6415, 66.7721**, and **75.5740, -37.2580, 50.3626** is the 20% darker color. If you saturate the color by 10%, you get **122.2770, -60.2826, 62.0241**, and if you desaturate by 10%, it is **129.1390, -54.2985, 56.0061**.

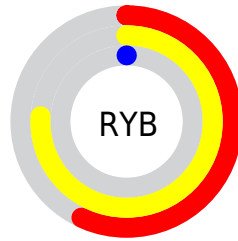
Distribution



Red (76%)

Green (43%)

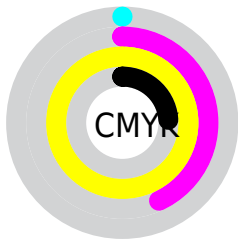
Blue (0%)



Red (57%)

Yellow (76%)

Blue (0%)

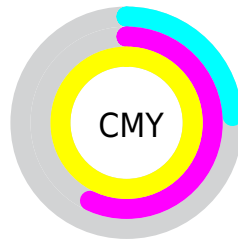


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2770, -60.2826, 62.0241 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 122.2770, -60.2826, 62.0241 by changing the saturation by 10% instead.

122.2770,
-60.2826, 62.0241

122.2770,
-60.2826, 62.0241

255.0000, 0.0000,
0.0000

98.6320, -48.6256,
56.4507

178.8630,
-55.6415, 66.7721

75.5740, -37.2580,
50.3626

197.6760,
-52.0983, 50.2731

53.1030, -26.1798,
43.7597

217.1900,
-48.4077, 33.1594

31.2300, -15.3964,
38.3863

237.2910,
-45.0065, 15.5308

14.6510, -7.2229,
30.1241

245.6520,
-35.8174, 8.1982


2.6910, -1.3267,
5.5330


248.9580,


0.0000, 0.0000,

-23.1503, 5.2988


0.0000


 252.1500,
-10.9200, 2.4994

 122.2770,
-60.2826, 62.0241

 129.1390,
-54.2985, 56.0061

 136.7020,
-48.1671, 49.3733

 143.5640,
-42.1831, 43.3554

 150.4260,
-36.1990, 37.3374

 157.9890,
-30.0676, 30.7046

■ 164.8510,
-24.0835, 24.6867

■ 171.7130,
-18.0995, 18.6687

■ 178.5750,
-12.1155, 12.6507

■ 186.1380, -5.9840,
6.0180

Harmonies

Analogous

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



123.2920, -29.2310, 89.1979



122.2770, -60.2826, 62.0241



120.8390, -59.5736, 21.1892

Triad

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



122.2770, -60.2826, 62.0241



108.3470, 16.5909, -95.0203



133.5860, 45.0671, 11.7641

Complementary

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



122.2770, -60.2826, 62.0241



70.7230, 60.2826, -62.0241

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.



106.9300, 69.5475, -93.7776



122.2770, -60.2826, 62.0241



114.2580, 41.7778, -100.2043

Square

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



122.2770, -60.2826, 62.0241



99.6320, -9.1856, -87.3773



114.5950, 60.8387, -100.4998



129.1560, 24.0801, 70.0232

Rectangle

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



122.2770, -60.2826, 62.0241



115.0480, -56.7187, -7.9351



114.5950, 60.8387, -100.4998



129.9570, 52.2792, -14.8713

Sweetspot

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



122.2770, -60.2826, 62.0241



222.6660, -23.4993, 23.9719



67.2830, 8.2415, 110.2538



108.7170, -14.1575, 14.2802



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



122.2770, -60.2826, 62.0241



158.1040, -77.9453, 80.5928



167.1110, -82.3857, 11.3037



93.5120, -3.2104, 3.0590



102.1430, -50.3565, 51.6176



21.0200, -10.3629, 10.5065

Inverse Universe

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



70.7230, 60.2826, -62.0241



91.3090, 78.2347, -80.0780



25.8890, 82.3857, -11.3037



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 122.2770, -60.2826, 62.0241 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 122.2770, -60.2826, 62.0241 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 122.2770, -60.2826, 62.0241 Background



This preview shows how black text looks on a background with the YUV color 122.2770, -60.2826, 62.0241.



This preview shows how white text looks on a background with the YUV color 122.2770, -60.2826, 62.0241.

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

122.8590, -53.1745, 22.0487

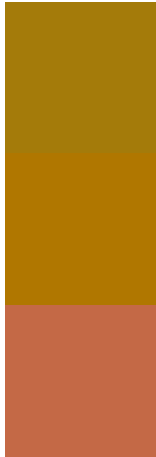
Deuteranopia

122.4220, -60.3540, 38.2179

Tritanopia

131.3170, -10.5093, 57.6040

Trichromacy



Protanomaly

122.3770, -55.4019, 36.5034

Deuteranomaly

122.4770, -60.3812, 46.9397

Tritanomaly

128.2190, -28.7020, 59.4439

Monochromacy



Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.4100, -21.8941, 22.4424

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2770, -60.2826, 62.0241 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(193, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 110, 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(193, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 110, 0) }
```

Border

The CSS property to change the border of an element to YUV 122.2770, -60.2826, 62.0241 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(193, 110, 0) }
```

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

```
.border{ border-color:rgb(193, 110, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 110,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 122.2770, -60.2826, 62.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 110, 0) }
```

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

```
.background{ background-color: rgb(193,  
110, 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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