

Converting Colors

YUV(124.1480, -61.2050,
77.9232)

Have a look what the booklet for
YUV(124.1480, -61.2050, 77.9232)
contains.

YUV(124.1480, -61.2050, 77.9232)	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>	30

Color

**YUV(124.1480, -61.2050,
77.9232)**

Conversions

Conversions Part 1

Format	Color
Hex	D56700
RGB	213, 103, 0
RGB Percent	84%, 40%, 0%
CMY	0.1647, 0.5961, 1.0000
CMYK	0.00, 0.52, 1.00, 0.16
HSL	29°, 100%, 42%
HSV	29°, 100%, 84%
XYZ	32.2908, 23.8466, 2.9009
YIQ	124.1480, 98.6230, -8.7130

Conversions

Conversions Part 2

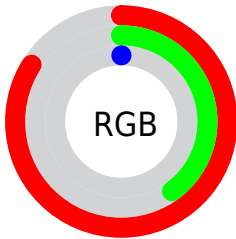
Format	Color
R_{YB}	213, 199, 0
Decimal	13985536
CIE _{Lab}	55.93, 38.83, 64.29
CIE _{LCh}	56, 75.104, 58.871
Yxy	23.8466, 0.5469, 0.4039
Android (android.graphics.Color)	4292175616 (0xFFD56700)
YUV	124.1480, -61.2050, 77.9232
Hunter-Lab	48.8330, 32.5753, 30.6610

Details

The YUV color **124.1480, -61.2050, 77.9232** 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 **88.8520, 61.2050, -77.9232**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2270, -54.3419, 69.9609**, and **75.6730, -37.3068, 66.0618** is the 20% darker color. If you saturate the color by 10%, you get **124.1480, -61.2050, 77.9232**, and if you desaturate by 10%, it is **132.9990, -55.2155, 70.1609**.

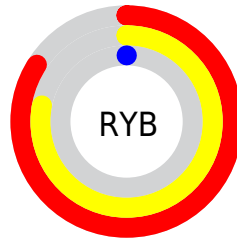
Distribution



Red (84%)

Green (40%)

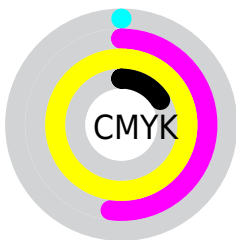
Blue (0%)



Red (84%)

Yellow (78%)

Blue (0%)

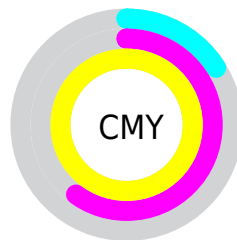


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.1480, -61.2050, 77.9232 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 124.1480, -61.2050, 77.9232 by changing the saturation by 10% instead.

124.1480,
-61.2050, 77.9232

124.1480,
-61.2050, 77.9232

255.0000, 0.0000,
0.0000

100.2040,
-49.4006, 71.7351

175.2270,
-54.3419, 69.9609

75.6730, -37.3068,
66.0618

194.1540,
-50.3619, 53.3619

51.1420, -25.2130,
60.3885

213.6680,
-46.6713, 36.2482

26.9100, -13.2666,
55.3299

233.7690,
-43.2701, 18.6196

18.5380, -9.1392,
38.1162

245.6520,
-35.8174, 8.1982


10.5790, -4.7224,
21.4172


248.9580,


0.0000, 0.0000,

-23.1503, 5.2988


0.0000


 252.1500,
-10.9200, 2.4994

 124.1480,
-61.2050, 77.9232

 132.9990,
-55.2155, 70.1609

 141.9640,
-48.7893, 62.2986

 150.8150,
-42.7998, 54.5362

 159.6660,
-36.8103, 46.7739

 168.6310,
-30.3841, 38.9116

■ 177.4820,
-24.3946, 31.1493

■ 186.3330,
-18.4052, 23.3870

■ 195.1840,
-12.4157, 15.6246

■ 204.1490, -5.9895,
7.7623

Harmonies

Analogous

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



121.7100, -23.0280, 106.3713



124.1480, -61.2050, 77.9232



125.9330, -62.0850, 33.3848

Triad

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



124.1480, -61.2050, 77.9232



109.9140, 9.9024, -96.3946



134.2440, 57.0677, -10.7380

Complementary

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



124.1480, -61.2050, 77.9232



88.8520, 61.2050, -77.9232

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.



113.0110, 70.0006, -99.1106



124.1480, -61.2050, 77.9232



117.4380, 38.7311, -102.9931

Square

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



124.1480, -61.2050, 77.9232



99.7000, -19.0791, -87.4369



120.2030, 62.0179, -105.4180



133.4680, 34.2793, 65.3646

Rectangle

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



124.1480, -61.2050, 77.9232



120.7180, -59.5140, 2.0013



120.2030, 62.0179, -105.4180



122.7550, 65.1968, -51.5281

Sweetspot

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



124.1480, -61.2050, 77.9232



222.8560, -21.6210, 28.1903



76.2270, 16.6501, 119.9499



108.6680, -13.1473, 16.9542



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.



124.1480, -61.2050, 77.9232



148.4460, -73.1839, 93.4479



186.3700, -91.8804, 23.3545



102.8110, -3.3578, 3.6738



99.8500, -49.2260, 62.3986



25.1840, -12.4157, 15.6246

Inverse Universe

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



88.8520, 61.2050, -77.9232



106.5540, 73.1839, -93.4479



26.6300, 91.8804, -23.3545



100.7760, 3.0684, -4.1886



71.1500, 49.2260, -62.3986



17.8160, 12.4157, -15.6246

Previews

White Background



This preview shows how the YUV color 124.1480, -61.2050, 77.9232 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 124.1480, -61.2050, 77.9232 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 124.1480, -61.2050, 77.9232

Background



This preview shows how black text looks on a background with the YUV color 124.1480, -61.2050, 77.9232.



This preview shows how white text looks on a background with the YUV color 124.1480, -61.2050,

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

126.8590, -53.1745, 22.0487

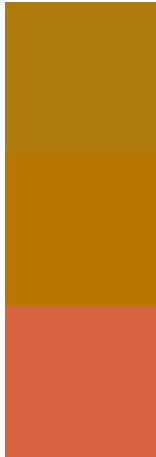
Deuteranopia

125.9660, -62.1012, 38.6178

Tritanopia

132.5640, -15.0681, 73.1734

Trichromacy



Protanomaly

125.5950, -56.0023, 42.4512

Deuteranomaly

125.4670, -61.8552, 53.0874

Tritanomaly

129.8080, -31.9503, 74.7134

Monochromacy



Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7420, -22.0578, 28.2903

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.1480, -61.2050, 77.9232 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(213, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 103, 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(213, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 103, 0) }
```

Border

The CSS property to change the border of an element to YUV 124.1480, -61.2050, 77.9232 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(213, 103, 0) }
```

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

```
.border{ border-color:rgb(213, 103, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 103, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 103,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 124.1480, -61.2050, 77.9232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 103, 0) }
```

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

```
.background{ background-color: rgb(213,  
103, 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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