

Converting Colors

YUV(124.1700, -61.2158,
81.4119)

Have a look what the booklet for
YUV(124.1700, -61.2158, 81.4119)
contains.

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Color

**YUV(124.1700, -61.2158,
81.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	D96500
RGB	217, 101, 0
RGB Percent	85%, 40%, 0%
CMY	0.1490, 0.6039, 1.0000
CMYK	0.00, 0.53, 1.00, 0.15
HSL	28°, 100%, 43%
HSV	28°, 100%, 85%
XYZ	33.2690, 24.0591, 2.8904
YIQ	124.1700, 101.5570, -6.8190

Conversions

Conversions Part 2

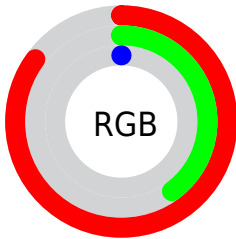
Format	Color
R _Y B	217, 189, 0
Decimal	14247168
CIE Lab	56.15, 41.40, 64.73
CIE LCh	56, 76.834, 57.400
Yxy	24.0591, 0.5525, 0.3995
Android (android.graphics.Color)	4292437248 (0xFFD96500)
YUV	124.1700, -61.2158, 81.4119
Hunter-Lab	49.0501, 35.2328, 30.8412

Details

The YUV color **124.1700, -61.2158, 81.4119** 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 **92.8300, 61.2158, -81.4119**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0530, -53.7631, 70.9905**, and **75.3960, -37.1702, 68.9357** is the 20% darker color. If you saturate the color by 10%, you get **124.1700, -61.2158, 81.4119**, and if you desaturate by 10%, it is **133.7220, -55.0789, 73.0348**.

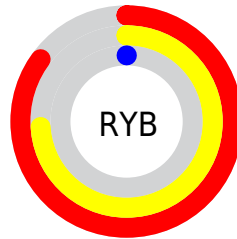
Distribution



Red (85%)

Green (40%)

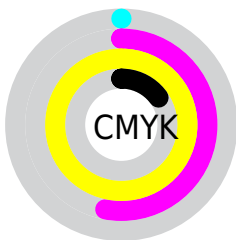
Blue (0%)



Red (85%)

Yellow (74%)

Blue (0%)

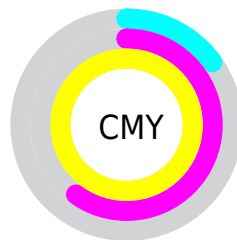


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.1700, -61.2158, 81.4119 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 124.1700, -61.2158, 81.4119 by changing the saturation by 10% instead.

124.1700,
-61.2158, 81.4119

124.1700,
-61.2158, 81.4119

255.0000, 0.0000,
0.0000

99.3400, -48.9746,
75.1238

174.0530,
-53.7631, 70.9905

75.3960, -37.1702,
68.9357

193.5670,
-50.0725, 53.8767

49.6910, -24.4977,
64.2920

213.0810,
-46.3819, 36.7630

28.1060, -13.8563,
57.7890

232.5950,
-42.6913, 19.6492

19.4350, -9.5815,
39.9605

245.6520,
-35.8174, 8.1982


11.4760, -5.1647,
23.2615


248.8440,


0.0000, 0.0000,


-23.5871, 5.3988


0.0000

 252.1500,
-10.9200, 2.4994

 124.1700,
-61.2158, 81.4119

 133.7220,
-55.0789, 73.0348

 142.5730,
-49.0895, 65.2725

 152.1250,
-42.9526, 56.8954

 161.0900,
-36.5264, 49.0331

 170.6420,
-30.3895, 40.6560

■ 180.0800,
-24.6894, 32.3788

■ 189.0450,
-18.2632, 24.5165

■ 198.5970,
-12.1263, 16.1394

■ 207.4480, -6.1369,
8.3771

Harmonies

Analogous

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



120.6010, -21.0023, 109.9749



124.1700, -61.2158, 81.4119



126.5420, -62.3852, 36.3587

Triad

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



124.1700, -61.2158, 81.4119



110.1590, 8.3026, -96.6094



133.0090, 60.1416, -16.6709

Complementary

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



124.1700, -61.2158, 81.4119



92.8300, 61.2158, -81.4119

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.



114.1850, 69.4218, -100.1402



124.1700, -61.2158, 81.4119



118.4980, 37.7155, -103.9227

Square

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



124.1700, -61.2158, 81.4119



99.7170, -21.5525, -87.4518



121.4910, 61.8759, -106.5476



134.6250, 36.1739, 64.3499

Rectangle

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



124.1700, -61.2158, 81.4119



121.6150, -59.9562, 3.8456



121.4910, 61.8759, -106.5476



117.3510, 67.8610, -66.0828

Sweetspot

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



124.1700, -61.2158, 81.4119



222.2690, -21.3316, 28.7051



78.4490, 19.9916, 121.5092



108.0810, -12.8579, 17.4690



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.



124.1700, -61.2158, 81.4119



146.0980, -72.0263, 95.5071



185.8050, -91.6019, 27.3580



105.2240, -3.0684, 4.1886



99.2740, -48.9421, 64.6577



26.0810, -12.8579, 17.4690

Inverse Universe

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



92.8300, 61.2158, -81.4119



108.9020, 72.0263, -95.5071



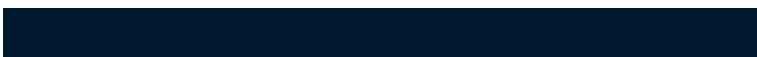
31.1950, 91.6019, -27.3580



103.7760, 3.0684, -4.1886



74.3130, 48.6527, -65.1725



19.9190, 12.8579, -17.4690

Previews

White Background



This preview shows how the YUV color 124.1700, -61.2158, 81.4119 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 124.1700, -61.2158, 81.4119 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 124.1700, -61.2158, 81.4119

Background



This preview shows how black text looks on a background with the YUV color 124.1700, -61.2158, 81.4119.



This preview shows how white text looks on a background with the YUV color 124.1700, -61.2158, 81.4119.

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

124.1700, -61.2158, 81.4119

Protanopia

127.5600, -53.0271, 21.4339

Deuteranopia

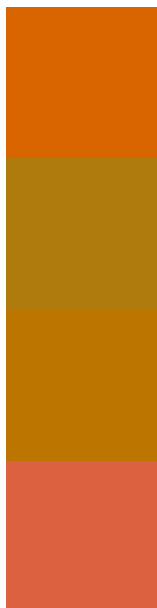
126.2650, -62.2486, 39.2326



Tritanopia

132.3580, -15.9525, 76.8620

Trichromacy



Original Color

124.1700, -61.2158, 81.4119

Protanomaly

126.3070, -55.8604, 43.5808

Deuteranomaly

125.4780, -61.8607, 54.8318

Tritanomaly

129.7160, -32.3980, 78.3021

Monochromacy



Original Color

124.1700, -61.2158, 81.4119

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.3400, -22.3526, 29.5198

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.1700, -61.2158, 81.4119 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(217, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 101, 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(217, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 101, 0) }
```

Border

The CSS property to change the border of an element to YUV 124.1700, -61.2158, 81.4119 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(217, 101, 0) }
```


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

```
.border{ border-color:rgb(217, 101, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 101, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 101,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 124.1700, -61.2158, 81.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 101, 0) }
```

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

```
.background{ background-color: rgb(217,  
101, 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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