

Converting Colors

YUV(125.4100, -61.8271,
90.8484)

Have a look what the booklet for
YUV(125.4100, -61.8271, 90.8484)
contains.

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Color

**YUV(125.4100, -61.8271,
90.8484)**

Conversions

Conversions Part 1

Format	Color
Hex	E56100
RGB	229, 97, 0
RGB Percent	90%, 38%, 0%
CMY	0.1020, 0.6196, 1.0000
CMYK	0.00, 0.58, 1.00, 0.10
HSL	25°, 100%, 45%
HSV	25°, 100%, 90%
XYZ	36.5878, 25.2074, 2.9371
YIQ	125.4100, 109.8090, -2.1830

Conversions

Conversions Part 2

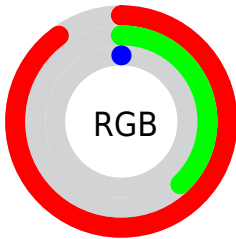
Format	Color
R_{YB}	229, 168, 0
Decimal	15032576
CIE _{Lab}	57.28, 47.87, 66.36
CIE _{LCh}	57, 81.824, 54.192
Yxy	25.2074, 0.5652, 0.3894
Android (android.graphics.Color)	4293222656 (0xFFE56100)
YUV	125.4100, -61.8271, 90.8484
Hunter-Lab	50.2070, 42.2178, 31.6764

Details

The YUV color **125.4100, -61.8271, 90.8484** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **103.5900, 61.8271, -90.8484**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4060, -52.4582, 72.4349**, and **74.5760, -36.7660, 79.3018** is the 20% darker color. If you saturate the color by 10%, you get **125.4100, -61.8271, 90.8484**, and if you desaturate by 10%, it is **135.6630, -55.5429, 81.8565**.

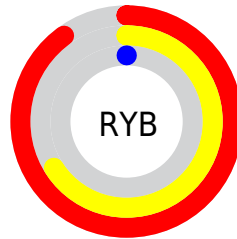
Distribution



Red (90%)

Green (38%)

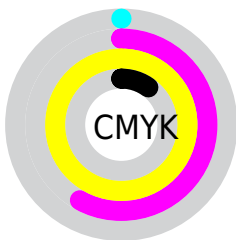
Blue (0%)



Red (90%)

Yellow (66%)

Blue (0%)

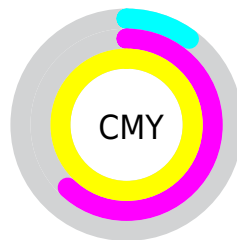


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.4100, -61.8271, 90.8484 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 125.4100, -61.8271, 90.8484 by changing the saturation by 10% instead.

125.4100,
-61.8271, 90.8484

125.4100,
-61.8271, 90.8484

255.0000, 0.0000,
0.0000

99.9930, -49.2965,
85.0751

172.4060,
-52.4582, 72.4349

74.5760, -36.7660,
79.3018

191.8060,
-49.2044, 55.4211

44.7620, -22.0677,
78.2617

211.3200,
-45.5138, 38.3074

30.7970, -15.1829,
63.3220

231.4210,
-42.1126, 20.6788

22.1260, -10.9081,
45.4935

245.7660,
-35.3806, 8.0982


14.2810, -6.0545,
28.6946


248.9580,


0.0000, 0.0000,


-23.1503, 5.2988


0.0000

 252.2640,
-10.4832, 2.3995


 125.4100,
-61.8271, 90.8484

 135.6630,
-55.5429, 81.8565

 145.9160,
-49.2586, 72.8647

 156.7560,
-43.2637, 63.3580

 167.0090,
-36.9794, 54.3661

 177.2620,
-30.6952, 45.3742

■ 187.4010,
-24.8477, 36.4823

■ 197.6540,
-18.5634, 27.4904

■ 208.4940,
-12.5685, 17.9838

■ 218.7470, -6.2843,
8.9919

Harmonies

Analogous

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



118.1060, -16.8143, 120.0560



125.4100, -61.8271, 90.8484



129.5320, -63.8593, 42.5064

Triad

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



125.4100, -61.8271, 90.8484



111.8230, 4.5243, -98.0688



130.5510, 61.3534, -32.0552

Complementary

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



125.4100, -61.8271, 90.8484



103.5900, 61.8271, -90.8484

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.



117.7070, 67.6854, -103.2290



125.4100, -61.8271, 90.8484



120.7320, 36.1211, -105.8820

Square

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



125.4100, -61.8271, 90.8484



99.9960, -28.0990, -87.6965



125.1100, 63.0498, -109.7215



137.3950, 41.7103, 61.9206

Rectangle

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



125.4100, -61.8271, 90.8484



125.4800, -61.8616, 8.3490



125.1100, 63.0498, -109.7215



108.3150, 72.3157, -94.9923

Sweetspot

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



125.4100, -61.8271, 90.8484



220.5080, -20.4634, 30.2495



83.7470, 24.7747, 127.3869



106.9070, -12.2792, 18.4986



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.



125.4100, -61.8271, 90.8484



139.6410, -68.8430, 101.1698



191.7410, -94.5283, 32.6761



109.5230, -3.2158, 4.8033



98.1330, -48.3796, 70.9204



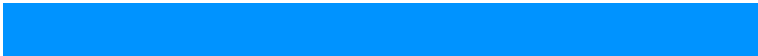
28.1630, -13.8844, 20.0280

Inverse Universe

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



103.5900, 61.8271, -90.8484



115.3590, 68.8430, -101.1698



37.2590, 94.5283, -32.6761



108.4770, 3.2158, -4.8033



80.8670, 48.3796, -70.9204



22.8370, 13.8844, -20.0280

Previews

White Background



This preview shows how the YUV color 125.4100, -61.8271, 90.8484 looks on a white background.

Color Contrast Check

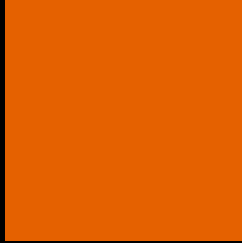
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.4100, -61.8271, 90.8484 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 125.4100, -61.8271, 90.8484 Background



This preview shows how black text looks on a background with the YUV color 125.4100, -61.8271, 90.8484.



This preview shows how white text looks on a background with the YUV color 125.4100, -61.8271, 90.8484.

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

125.4100, -61.8271, 90.8484

Protanopia

130.1580, -53.3219, 22.6634

Deuteranopia

128.9230, -63.5590, 39.5325



Tritanopia

132.8430, -18.1636, 86.0837

Trichromacy



Original Color

125.4100, -61.8271, 90.8484

Protanomaly

128.5140, -56.4554, 47.7842

Deuteranomaly

127.8590, -63.0345, 58.0057

Tritanomaly

130.3150, -34.1723, 87.4237

Monochromacy



Original Color

125.4100, -61.8271, 90.8484

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.3620, -22.3635, 33.0085

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.4100, -61.8271, 90.8484 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(229, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 97, 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(229, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 97, 0) }
```

Border

The CSS property to change the border of an element to YUV 125.4100, -61.8271, 90.8484 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(229, 97, 0) }
```


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

```
.border{ border-color:rgb(229, 97, 0) }
```

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

Here you see how a box with a 4 pixel rgb(229, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 97, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 125.4100, -61.8271, 90.8484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 97, 0) }
```

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

```
.background{ background-color: rgb(229, 97,  
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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