

Converting Colors

YUV(125.4980, -61.8705,
104.8033)

Have a look what the booklet for
YUV(125.4980, -61.8705, 104.8033)
contains.

YUV(125.4980, -61.8705, 104.8033)	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>	31

Color

**YUV(125.4980, -61.8705,
104.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	F55900
RGB	245, 89, 0
RGB Percent	96%, 35%, 0%
CMY	0.0392, 0.6510, 1.0000
CMYK	0.00, 0.64, 1.00, 0.04
HSL	22°, 100%, 48%
HSV	22°, 100%, 96%
XYZ	41.2286, 26.5572, 2.9531
YIQ	125.4980, 121.5450, 5.3930

Conversions

Conversions Part 2

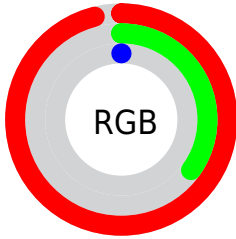
Format	Color
R_{YB}	245, 140, 0
Decimal	16079104
CIE Lab	58.56, 57.10, 68.47
CIE LCh	59, 89.153, 50.171
Yxy	26.5572, 0.5828, 0.3754
Android (android.graphics.Color)	4294269184 (0xFFFF55900)
YUV	125.4980, -61.8705, 104.8033
Hunter-Lab	51.5337, 52.6215, 32.6761

Details

The YUV color **125.4980, -61.8705, 104.8033** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **119.5020, 61.8705, -104.8033**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8840, -50.7218, 75.5237**, and **69.6690, -34.3468, 96.7603** is the 20% darker color. If you saturate the color by 10%, you get **125.4980, -61.8705, 104.8033**, and if you desaturate by 10%, it is **137.6260, -56.0176, 94.1670**.

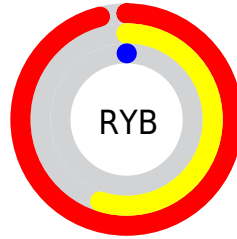
Distribution



Red (96%)

Green (35%)

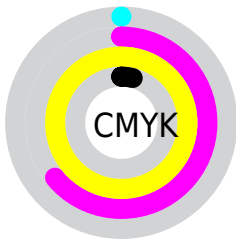
Blue (0%)



Red (96%)

Yellow (55%)

Blue (0%)

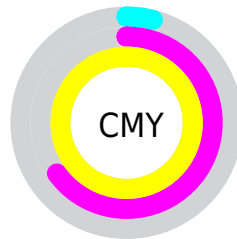


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.4980, -61.8705, 104.8033 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 125.4980, -61.8705, 104.8033 by changing the saturation by 10% instead.

125.4980,
-61.8705, 104.8033

125.4980,
-61.8705, 104.8033

255.0000, 0.0000,
0.0000

98.6080, -48.6137,
99.4448

168.8840,
-50.7218, 75.5237

69.6690, -34.3468,
96.7603

188.2840,
-47.4680, 58.5099

44.2520, -21.8162,
90.9870

207.7980,
-43.7774, 41.3962

34.6840, -17.0992,
71.3141

228.4860,
-40.6656, 23.2528

25.7140, -12.6770,
52.8708

245.6520,
-35.8174, 8.1982


17.5700, -7.6760,
35.4571


248.9580,

5.3820, -2.6533,


-23.1503, 5.2988


11.0660


 252.1500,
-10.9200, 2.4994


 0.0000, 0.0000,
0.0000


 125.4980,
-61.8705, 104.8033

 137.6260,
-56.0176, 94.1670

 149.2810,
-49.4385, 83.9456

 161.5230,
-43.1488, 73.2093

 173.0640,
-37.0066, 63.0879

 185.3060,
-30.7169, 52.3516

■ 197.4340,
-24.8640, 41.7154

■ 208.9750,
-18.7217, 31.5939

■ 221.2170,
-12.4320, 20.8577

■ 232.8720, -5.8529,
10.6363

Harmonies

Analogous

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



105.0440, -5.9377, 131.5114



125.4980, -61.8705, 104.8033



132.5440, -65.3442, 52.1429

Triad

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



125.4980, -61.8705, 104.8033



113.7320, -0.8539, -99.7430



117.6170, 67.7298, -70.7011

Complementary

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



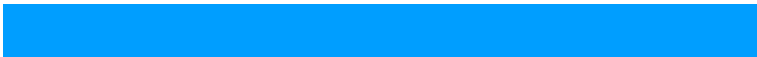
125.4980, -61.8705, 104.8033



119.5020, 61.8705, -104.8033

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.



121.8160, 65.6597, -106.8326



125.4980, -61.8705, 104.8033



124.1400, 33.9480, -108.8708

Square

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



125.4980, -61.8705, 104.8033



99.2660, -41.0501, -87.0563



129.4470, 61.8976, -113.5250



140.8380, 49.8729, 57.1471

Rectangle

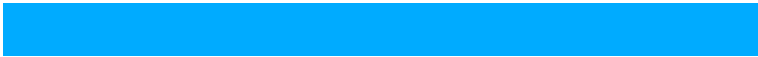
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



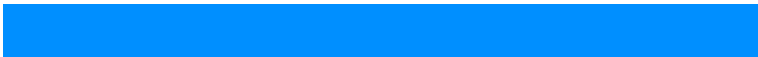
125.4980, -61.8705, 104.8033



129.6550, -63.9199, 15.2116



129.4470, 61.8976, -113.5250



113.0110, 70.0006, -99.1106

Sweetspot

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



125.4980, -61.8705, 104.8033



217.5730, -19.0165, 32.8235



91.3810, 33.3362, 134.7239



105.1460, -11.4110, 20.0430



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.



125.4980, -61.8705, 104.8033



130.8360, -64.5021, 108.8918



195.3510, -96.3080, 43.5422



116.5230, -3.2158, 4.8033



95.5300, -47.0963, 79.3422



29.9680, -14.7742, 25.4611

Inverse Universe

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



119.5020, 61.8705, -104.8033



124.1640, 64.5021, -108.8918



49.6490, 96.3080, -43.5422



116.0640, 2.9264, -5.3181



91.0570, 46.8069, -79.8570



28.4450, 15.0636, -24.9463

Previews

White Background



This preview shows how the YUV color 125.4980, -61.8705, 104.8033 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 125.4980, -61.8705, 104.8033 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 125.4980, -61.8705, 104.8033 Background



This preview shows how black text looks on a background with the YUV color 125.4980, -61.8705, 104.8033.



This preview shows how white text looks on a background with the YUV color 125.4980, -61.8705, 104.8033.

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

125.4980, -61.8705, 104.8033

Protanopia

133.7450, -53.6113, 22.1486

Deuteranopia

131.8800, -65.0168, 40.4472



Tritanopia

132.4920, -22.4276, 100.4235

Trichromacy



Original Color

125.4980, -61.8705, 104.8033

Protanomaly

130.8350, -56.6137, 51.8877

Deuteranomaly

129.6640, -63.9244, 63.4387

Tritanomaly

129.7190, -36.8365, 101.9784

Monochromacy



Original Color

125.4980, -61.8705, 104.8033

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.3950, -22.3797, 38.2416

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.4980, -61.8705, 104.8033 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(245, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 89, 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(245, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 89, 0) }
```

Border

The CSS property to change the border of an element to YUV 125.4980, -61.8705, 104.8033 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(245, 89, 0) }
```


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

```
.border{ border-color:rgb(245, 89, 0) }
```

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

Here you see how a box with a 4 pixel rgb(245, 89, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 125.4980, -61.8705, 104.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 89, 0) }
```

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

```
.background{ background-color: rgb(245, 89,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor