

Converting Colors

YUV(129.5310, -61.8868,
110.0363)

Have a look what the booklet for
YUV(129.5310, -61.8868, 110.0363)
contains.

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Color

**YUV(129.5310, -61.8868,
110.0363)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5A04
RGB	255, 90, 4
RGB Percent	100%, 35%, 2%
CMY	0.0000, 0.6471, 0.9843
CMYK	0.00, 0.65, 0.98, 0.00
HSL	21°, 100%, 51%
HSV	21°, 98%, 100%
XYZ	44.9181, 28.5811, 3.2641
YIQ	129.5310, 125.9460, 8.2340

Conversions

Conversions Part 2

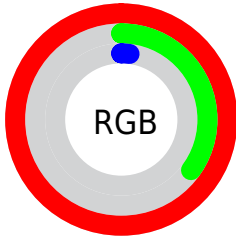
Format	Color
R_{YB}	255, 135, 4
Decimal	16734724
CIE _{Lab}	60.41, 60.11, 69.61
CIE _{LCh}	60, 91.971, 49.191
Yxy	28.5811, 0.5852, 0.3723
Android (android.graphics.Color)	4294924804 (0xFFFF5A04)
YUV	129.5310, -61.8868, 110.0363
Hunter-Lab	53.4613, 56.4181, 33.8029

Details

The YUV color **129.5310, -61.8868, 110.0363** 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 **129.4690, 61.8868, -110.0363**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6990, -50.1376, 74.8090**, and **71.7730, -35.3841, 102.8081** is the 20% darker color. If you saturate the color by 10%, you get **127.3140, -62.7658, 111.9806**, and if you desaturate by 10%, it is **142.3600, -55.8865, 98.7853**.

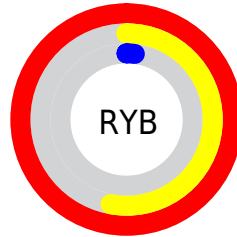
Distribution



Red (100%)

Green (35%)

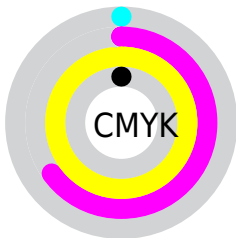
Blue (2%)



Red (100%)

Yellow (53%)

Blue (2%)

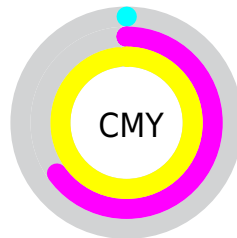


Cyan (0%)

Magenta (65%)

Yellow (98%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.5310, -61.8868, 110.0363 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 129.5310, -61.8868, 110.0363 by changing the saturation by 10% instead.

129.5310,
-61.8868, 110.0363

129.5310,
-61.8868, 110.0363

255.0000, 0.0000,
0.0000

102.1850,
-50.3772, 105.0778

169.6990,
-50.1376, 74.8090

71.7730, -35.3841,
102.8081

189.8000,
-46.7364, 57.1804

46.9430, -23.1429,
96.5200

209.9010,
-43.3352, 39.5518

37.3750, -18.4259,
76.8471

230.0020,
-39.9340, 21.9232

28.1060, -13.8563,
57.7890

245.9940,
-34.5070, 7.8983

20.0760, -8.4185,
40.2753

249.3000,


9.9810, -4.4276,


-21.8399, 4.9989


20.1877


 252.6060, -9.1728,
2.0995

 0.0000, 0.0000,
0.0000

 129.5310,
-61.8868, 110.0363


 129.5310,
-61.8868, 110.0363


 127.3140,
-62.7658, 111.9806

 142.3600,
-55.8865, 98.7853

 155.3030,
-49.4494, 87.4343

 167.6590,
-42.7229, 76.5981

 180.4880,
-36.7226, 65.3470

 193.4310,
-30.2855, 53.9960

206.2600,
-24.2852, 42.7450

218.5020,
-17.9955, 32.0087

231.4450,
-11.5584, 20.6577

244.3880, -5.1213,
9.3067

Harmonies

Analogous

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



103.2660, -2.5961, 133.0707



129.5310, -61.8868, 110.0363



137.5830, -67.8284, 55.6167

Triad

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



129.5310, -61.8868, 110.0363



117.2540, -2.5902, -102.8318



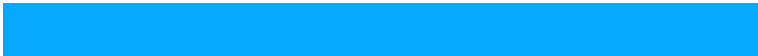
110.0760, 71.4475, -96.5367

Complementary

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



129.5310, -61.8868, 110.0363



129.4690, 61.8868, -110.0363

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.



125.9250, 63.6340, -110.4362



129.5310, -61.8868, 110.0363



128.1180, 33.9588, -112.3595

Square

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



129.5310, -61.8868, 110.0363



101.1750, -46.4283, -88.7305



132.9690, 60.1613, -116.6138



145.6360, 52.9305, 56.4472

Rectangle

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



129.5310, -61.8868, 110.0363



134.0960, -66.1093, 17.4558



132.9690, 60.1613, -116.6138



116.5330, 68.2642, -102.1994

Sweetspot

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



129.5310, -61.8868, 110.0363



216.9860, -18.7271, 33.3383



98.0870, 35.9461, 137.6127



104.5590, -11.1216, 20.5578



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.



129.5310, -61.8868, 110.0363



127.3140, -62.7658, 111.9806



201.7320, -97.4819, 46.7160



121.2350, -3.0739, 5.9329



95.8510, -47.2545, 83.4457



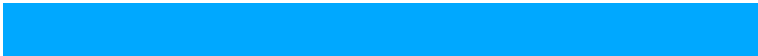
32.0500, -15.8006, 28.0202

Inverse Universe

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



129.4690, 61.8868, -110.0363



127.6860, 62.7658, -111.9806



57.2680, 97.4819, -46.7160



121.1780, 3.3632, -5.4181



95.7360, 46.9652, -83.9605



31.9500, 15.8006, -28.0202

Previews

White Background



This preview shows how the YUV color 129.5310, -61.8868, 110.0363 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 129.5310, -61.8868, 110.0363 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 129.5310, -61.8868, 110.0363 Background



This preview shows how black text looks on a background with the YUV color 129.5310, -61.8868, 110.0363.



This preview shows how white text looks on a background with the YUV color 129.5310, -61.8868, 110.0363.

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

129.5310, -61.8868, 110.0363

Protanopia

137.8160, -54.6323, 22.9634

Tritanopia

136.9870, -23.1646, 103.4974

Trichromacy



Original Color

129.5310, -61.8868, 110.0363

Protanomaly

135.0310, -57.2033, 54.3468

Tritanomaly

134.0400, -36.9947, 106.0819

Monochromacy



Original Color

129.5310, -61.8868, 110.0363

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.4060, -22.3852, 39.9859

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.5310, -61.8868, 110.0363 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(255, 90, 4)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 4)  
}
```

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(255, 90, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 4) }
```

Border

The CSS property to change the border of an element to YUV 129.5310, -61.8868, 110.0363 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(255, 90, 4) }
```

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

```
.border{ border-color:rgb(255, 90, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 90, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 4);  
box-shadow:4px 4px 4px 4px rgb(255, 90, 4)  
}
```


Background

The CSS property to change the background color of an element to YUV 129.5310, -61.8868, 110.0363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 90, 4) }
```

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

```
.background{ background-color: rgb(255, 90,  
4) }
```

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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