

Converting Colors

YUV(130.8610, 61.2005,
-29.6961)

Have a look what the booklet for
YUV(130.8610, 61.2005, -29.6961)
contains.

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Color

**YUV(130.8610, 61.2005,
-29.6961)**

Conversions

Conversions Part 1

Format	Color
Hex	617CFF
RGB	97, 124, 255
RGB Percent	38%, 49%, 100%
CMY	0.6196, 0.5137, 0.0000
CMYK	0.62, 0.51, 0.00, 0.00
HSL	230°, 100%, 69%
HSV	230°, 62%, 100%
XYZ	30.1874, 24.1767, 97.6833
YIQ	130.8610, -58.1430, 35.0170

Conversions

Conversions Part 2

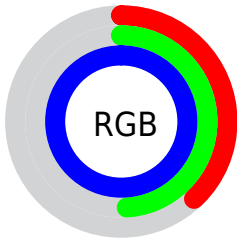
Format	Color
R _Y B	97, 120, 255
Decimal	6388991
CIE Lab	56.26, 29.66, -68.30
CIE LCh	56, 74.460, 293.471
Yxy	24.1767, 0.1985, 0.1590
Android (android.graphics.Color)	4284579071 (0xFF617CFF)
YUV	130.8610, 61.2005, -29.6961
Hunter-Lab	49.1698, 23.5415, -83.3697

Details

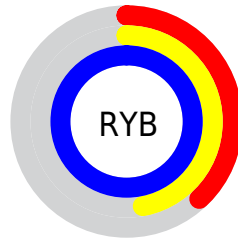
The YUV color **130.8610, 61.2005, -29.6961** is a light color, and the websafe version is hex **3366FF**. A complement of this color would be **221.1390, -61.2005, 29.6961**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.2220, 36.8656, -17.7347**, and **67.0700, 64.0555, -58.8204** is the 20% darker color. If you saturate the color by 10%, you get **110.7600, 71.1103, -34.8695**, and if you desaturate by 10%, it is **150.6630, 51.4381, -25.1375**.

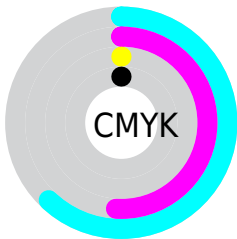
Distribution



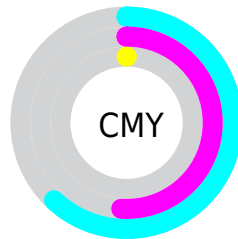
- Red (38%)
- Green (49%)
- Blue (100%)



- Red (38%)
- Yellow (47%)
- Blue (100%)



- Cyan (62%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.8610, 61.2005, -29.6961 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 130.8610, 61.2005, -29.6961 by changing the saturation by 10% instead.

■ 130.8610, 61.2005,
-29.6961

■ 130.8610, 61.2005,
-29.6961

255.0000, 0.0000,
0.0000

■ 102.1160, 61.0748,
-36.0587

■ 180.2220, 36.8656,
-17.7347

■ 67.0700, 64.0555,
-58.8204

■ 205.9270, 24.1930,
-13.0910

■ 50.9640, 58.1917,
-44.6954

■ 231.3330, 11.6678,
-9.0620

■ 36.1460, 52.1860,
-31.7000

254.1030, 0.4422,
-1.8443

■ 22.6160, 46.0383,
-19.8342

■ 12.0210, 38.4436,
-10.5424

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 130.8610, 61.2005,
-29.6961

■ 130.8610, 61.2005,
-29.6961

■ 110.7600, 71.1103,
-34.8695

■ 150.6630, 51.4381,
-25.1375

■ 90.9580, 80.8727,
-39.4282

■ 170.7640, 41.5283,
-19.9640

■ 70.8570, 90.7825,
-44.6016

■ 190.8650, 31.6186,
-14.7906

■ 54.8980, 98.6503,
-48.1455

■ 211.2540, 21.5668,
-10.7468

■ 231.3550, 11.6570,
-5.5733

■ 251.1570, 1.8946,
-1.0147

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



115.3590, 68.8430, -101.1698



130.8610, 61.2005, -29.6961



136.9010, 37.5168, 53.5838

Triad

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



130.8610, 61.2005, -29.6961



126.2270, -50.8909, 83.1159



108.5460, 4.6608, -95.1948

Complementary

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



130.8610, 61.2005, -29.6961



221.1390, -61.2005, 29.6961

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.



97.8590, -23.5945, -85.8223



130.8610, 61.2005, -29.6961



126.8740, -62.5489, 42.2065

Square

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



130.8610, 61.2005, -29.6961



122.3280, -16.9237, 108.4603



119.7880, -59.0555, -5.0761



116.7710, 33.6369, -102.4082

Rectangle

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



130.8610, 61.2005, -29.6961



128.7070, 21.8364, 89.7110



119.7880, -59.0555, -5.0761



105.3370, -5.0961, -92.3805

Sweetspot

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



130.8610, 61.2005, -29.6961



217.1680, 18.6512, -8.9173



204.4520, 10.6232, -94.2354



104.3550, 11.6570, -5.5733



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.



130.8610, 61.2005, -29.6961



106.9170, 73.0049, -35.8842



129.9620, 61.6437, 14.9423



117.6560, 5.0996, -2.3293



41.1450, 73.8785, -36.0842



13.7530, 24.7718, -12.0614

Inverse Universe

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



147.3200, -11.4968, 94.4354



126.2730, -13.4456, 112.8936



222.0380, -61.6437, -14.9423



119.1150, -1.0427, 7.7921



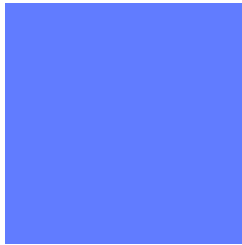
60.8710, -13.7404, 114.1231



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 130.8610, 61.2005, -29.6961 looks on a white background.

Color Contrast Check

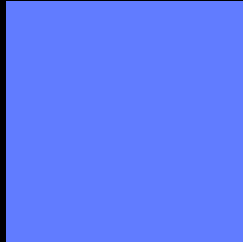
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.8610, 61.2005, -29.6961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

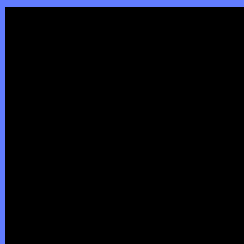
Any Text WCAG AA ✓ Pass

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 130.8610, 61.2005, -29.6961 Background



This preview shows how black text looks on a background with the YUV color 130.8610, 61.2005, -29.6961.



This preview shows how white text looks on a background with the YUV color 130.8610, 61.2005, -29.6961.

-29.6961.

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

130.8610, 61.2005, -29.6961

Protanopia

124.5160, 64.3286, -53.0725

Deuteranopia

107.7790, 65.1850, -94.5222



Tritanopia

118.7670, 19.8349, -62.0627

Trichromacy



Original Color

130.8610, 61.2005, -29.6961

Protanomaly

126.9300, 63.1385, -44.6656

Deuteranomaly

115.8790, 63.6567, -70.9309

Tritanomaly

123.4430, 34.7846, -50.3775

Monochromacy



Original Color

130.8610, 61.2005, -29.6961

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.7810, 22.2930, -10.3319

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.8610, 61.2005, -29.6961 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(97, 124, 255)` looks like.

```
.text, #text, p{  
    color:rgb(97, 124, 255)  
}
```

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(97, 124, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 124, 255) }
```

Border

The CSS property to change the border of an element to YUV 130.8610, 61.2005, -29.6961 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(97, 124, 255) }
```


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

```
.border{ border-color:rgb(97, 124, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 124, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 124, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 124, 255);  
box-shadow:4px 4px 4px 4px rgb(97, 124,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 130.8610, 61.2005, -29.6961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 124, 255) }
```

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

```
.background{ background-color: rgb(97, 124,  
255) }
```

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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