

Converting Colors

YUV(121.1060, 63.0517,
-16.7560)

Have a look what the booklet for
YUV(121.1060, 63.0517, -16.7560)
contains.

YUV(121.1060, 63.0517, -16.7560)	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(121.1060, 63.0517,
-16.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	666AF9
RGB	102, 106, 249
RGB Percent	40%, 42%, 98%
CMY	0.6000, 0.5843, 0.0235
CMYK	0.59, 0.57, 0.00, 0.02
HSL	238°, 92%, 69%
HSV	238°, 59%, 98%
XYZ	27.7324, 19.9724, 92.0159
YIQ	121.1060, -48.2870, 43.6250

Conversions

Conversions Part 2

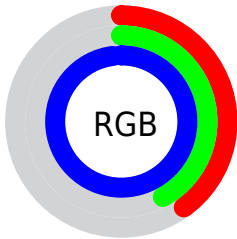
Format	Color
R _Y B	102, 106, 249
Decimal	6712057
CIE Lab	51.81, 39.36, -72.18
CIE LCh	52, 82.216, 298.605
Yxy	19.9724, 0.1985, 0.1429
Android (android.graphics.Color)	4284902137 (0xFF666AF9)
YUV	121.1060, 63.0517, -16.7560
Hunter-Lab	44.6905, 32.5587, -90.7924

Details

The YUV color **121.1060, 63.0517, -16.7560** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **229.8940, -63.0517, 16.7560**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2650, 41.7744, -5.4944**, and **61.7890, 63.7010, -38.4030** is the 20% darker color. If you saturate the color by 10%, you get **99.5430, 73.6823, -19.7702**, and if you desaturate by 10%, it is **142.6690, 52.4212, -13.7417**.

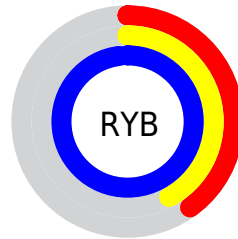
Distribution



Red (40%)

Green (42%)

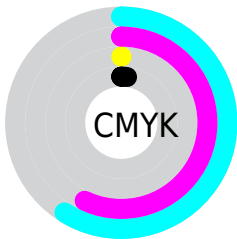
Blue (98%)



Red (40%)

Yellow (42%)

Blue (98%)

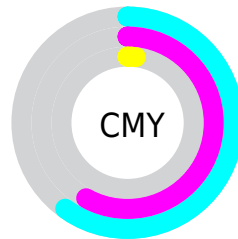


Cyan (59%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (60%)

Magenta (58%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1060, 63.0517, -16.7560 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 121.1060, 63.0517, -16.7560 by changing the saturation by 10% instead.

■ 121.1060, 63.0517,
-16.7560

■ 121.1060, 63.0517,
-16.7560

■ 255.0000, 0.0000,
0.0000

■ 93.5460, 62.3418,
-22.4038

■ 170.2650, 41.7744,
-5.4944

■ 61.7890, 63.7010,
-38.4030

■ 195.3830, 29.3912,
-0.3359

■ 40.4150, 60.9274,
-35.4440

■ 220.7890, 16.8660,
3.6930

■ 26.1840, 54.6323,
-22.9634

■ 246.7820, 4.0515,
7.2072

■ 12.5400, 48.0478,
-10.9976

■ 14.9730, 34.5233,
-13.1313

■ 10.4760, 24.9083,

-9.1875

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 121.1060, 63.0517,
-16.7560

■ 121.1060, 63.0517,
-16.7560

■ 99.5430, 73.6823,
-19.7702

■ 142.6690, 52.4212,
-13.7417

■ 77.9800, 84.3129,
-22.7845

■ 164.2320, 41.7906,
-10.7275

■ 55.8300, 95.2328,
-25.2839

■ 186.3820, 30.8707,
-8.2280

■ 34.2670, 105.8634,
-28.2982

■ 207.9450, 20.2401,
-5.2138

■ 32.4950, 106.7370,
-28.4981

■ 229.5080, 9.6096,
-2.1995

■ 250.7720, -0.8736,
0.2000

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



107.7280, 72.6051, -94.4775



121.1060, 63.0517, -16.7560



118.7770, 39.0569, 72.9866

Triad

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



121.1060, 63.0517, -16.7560



112.9510, -55.6848, 80.7270



102.6760, 7.5547, -90.0469

Complementary

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



121.1060, 63.0517, -16.7560



229.8940, -63.0517, 16.7560

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.



91.5500, -24.9211, -80.2893



121.1060, 63.0517, -16.7560



116.1870, -57.2802, 32.2850

Square

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



121.1060, 63.0517, -16.7560



101.0090, -19.7244, 120.1411



105.8230, -52.1707, -20.0158



111.4710, 38.7148, -97.7601

Rectangle

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



121.1060, 63.0517, -16.7560



97.3760, 27.4226, 118.0652



105.8230, -52.1707, -20.0158



99.2390, -3.0758, -87.0326

Sweetspot

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



121.1060, 63.0517, -16.7560



214.8310, 19.8033, -5.1138



204.4770, 19.4848, -89.8723



102.8930, 12.3778, -3.4142



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.



121.1060, 63.0517, -16.7560



97.5690, 77.6135, -20.6700



139.3890, 54.0382, 27.7228



114.0690, 5.3890, -1.8145



24.4810, 81.1079, -21.4698



8.1280, 26.0659, -7.1283

Inverse Universe

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



146.4090, -19.9216, 89.9723



128.6890, -24.4967, 110.7747



211.6110, -54.0382, -27.7228



116.0010, -1.4795, 7.8921



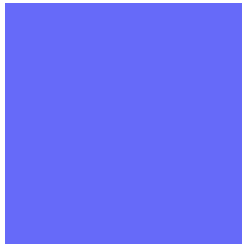
57.0810, -25.6759, 115.6930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 121.1060, 63.0517, -16.7560 looks on a white background.

Color Contrast Check

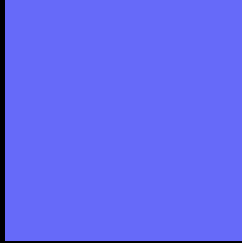
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.1060, 63.0517, -16.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

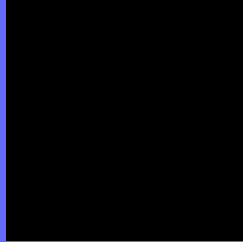
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 121.1060, 63.0517, -16.7560

Background



This preview shows how black text looks on a background with the YUV color 121.1060, 63.0517, -16.7560.



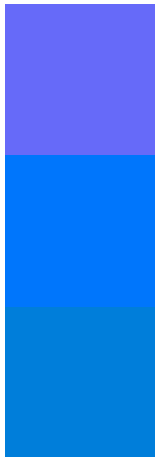
This preview shows how white text looks on a background with the YUV color 121.1060, 63.0517, -16.7560.

-16.7560.

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

121.1060, 63.0517, -16.7560

Protanopia

97.9940, 75.9250, -85.9407

Deuteranopia

98.8140, 58.7587, -86.6599



Tritanopia

112.2310, 16.1551, -48.4376

Trichromacy



Original Color

121.1060, 63.0517, -16.7560

Protanomaly

106.5950, 71.1917, -61.0348

Deuteranomaly

107.0220, 60.1352, -61.4093

Tritanomaly

115.4770, 33.2888, -37.2523

Monochromacy



Original Color

121.1060, 63.0517, -16.7560

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.3300, 23.0083, -6.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1060, 63.0517, -16.7560 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(102, 106, 249)` looks like.

```
.text, #text, p{  
    color:rgb(102, 106, 249)  
}
```

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(102, 106, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 106, 249) }
```

Border

The CSS property to change the border of an element to YUV 121.1060, 63.0517, -16.7560 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(102, 106, 249) }
```


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

```
.border{ border-color:rgb(102, 106, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 106, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 106, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 106, 249);  
box-shadow:4px 4px 4px 4px rgb(102, 106,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 121.1060, 63.0517, -16.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 106, 249) }
```

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

```
.background{ background-color: rgb(102,  
106, 249) }
```

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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