

Converting Colors

YUV(111.0260, 61.1192,
-3.5308)

Have a look what the booklet for
YUV(111.0260, 61.1192, -3.5308)
contains.

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Color

**YUV(111.0260, 61.1192,
-3.5308)**

Conversions

Conversions Part 1

Format	Color
Hex	6B59EB
RGB	107, 89, 235
RGB Percent	42%, 35%, 92%
CMY	0.5804, 0.6510, 0.0784
CMYK	0.54, 0.62, 0.00, 0.08
HSL	247°, 78%, 64%
HSV	247°, 62%, 92%
XYZ	24.6312, 16.2687, 80.4392
YIQ	111.0260, -36.1380, 49.2220

Conversions

Conversions Part 2

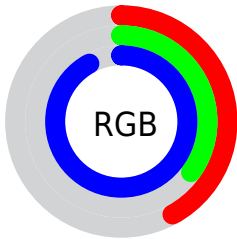
Format	Color
R _Y B	107, 89, 235
Decimal	7035371
CIE Lab	47.33, 45.82, -71.62
CIE LCh	47, 85.024, 302.612
Yxy	16.2687, 0.2030, 0.1341
Android (android.graphics.Color)	4285225451 (0xFF6B59EB)
YUV	111.0260, 61.1192, -3.5308
Hunter-Lab	40.3345, 38.4197, -90.0081

Details

The YUV color **111.0260, 61.1192, -3.5308** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **212.9740, -61.1192, 3.5308**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4820, 46.1044, 5.7163**, and **55.7100, 60.2890, -17.2857** is the 20% darker color. If you saturate the color by 10%, you get **91.2460, 70.8707, -4.6007**, and if you desaturate by 10%, it is **130.8060, 51.3676, -2.4609**.

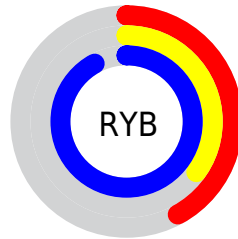
Distribution



Red (42%)

Green (35%)

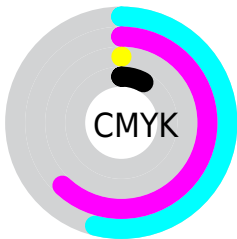
Blue (92%)



Red (42%)

Yellow (35%)

Blue (92%)

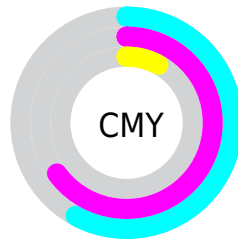


Cyan (54%)

Magenta (62%)

Yellow (0%)

Black (8%)



Cyan (58%)

Magenta (65%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0260, 61.1192, -3.5308 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 111.0260, 61.1192, -3.5308 by changing the saturation by 10% instead.

■ 111.0260, 61.1192,
-3.5308

■ 111.0260, 61.1192,
-3.5308

■ 255.0000, 0.0000,
0.0000

■ 84.0640, 60.1144,
-7.9491

■ 161.4820, 46.1044,
5.7163

■ 55.7100, 60.2890,
-17.2857

■ 186.3010, 33.8686,
10.2600

■ 28.3670, 60.4581,
-24.8779

■ 211.1200, 21.6328,
14.8038

■ 14.1360, 54.1630,
-12.3973

■ 235.6290, 9.5499,
16.9884

■ 11.1720, 42.8062,
-9.7978

■ 252.6520, 1.1576,
2.0592

■ 13.6050, 29.2817,
-11.9316

■ 7.9340, 20.2455,

-6.9581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 111.0260, 61.1192,
-3.5308

■ 111.0260, 61.1192,
-3.5308

■ 91.2460, 70.8707,
-4.6007

■ 130.8060, 51.3676,
-2.4609

■ 71.1780, 80.7642,
-4.5411

■ 150.8740, 41.4741,
-2.5205

■ 51.3980, 90.5158,
-5.6110

■ 171.2410, 31.4332,
-1.9654

■ 35.4610, 98.3727,
-5.6663

■ 190.7220, 21.8291,
-1.5102

■ 210.5020, 12.0775,
-0.4403

■ 230.8690, 2.0366,
0.1149

■ 250.3500, -7.5675,
0.5701

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



100.0970, 76.3672, -87.7851



111.0260, 61.1192, -3.5308



96.4570, 41.1867, 89.9302

Triad

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



111.0260, 61.1192, -3.5308



103.4600, -51.0058, 73.2646



96.1050, 10.3012, -84.2841

Complementary

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



111.0260, 61.1192, -3.5308



212.9740, -61.1192, 3.5308

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.



84.7510, -23.0482, -74.3266



111.0260, 61.1192, -3.5308



105.2120, -51.8695, 23.4931

Square

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



111.0260, 61.1192, -3.5308



80.5150, -20.4669, 124.9593



91.5700, -45.1440, -33.8259



104.3130, 41.7507, -91.4825

Rectangle

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



111.0260, 61.1192, -3.5308



82.4370, 24.9276, 125.0278



91.5700, -45.1440, -33.8259



92.6680, -0.3293, -81.2698

Sweetspot

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



111.0260, 61.1192, -3.5308



214.2660, 20.0819, -1.1103



181.3670, 26.4411, -81.0059



102.6160, 12.5143, -0.5402



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.



111.0260, 61.1192, -3.5308



92.6510, 80.0381, -4.9559



132.5540, 50.5059, 40.7331



107.5530, 4.6574, -0.4850



27.2120, 75.8175, -4.5709



8.2490, 22.5552, -1.0954

Inverse Universe

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



147.2460, 34.3887, 76.9603



140.1470, 44.7905, 100.7261



191.4460, -50.5059, -40.7331



110.4290, 2.7465, 5.7628



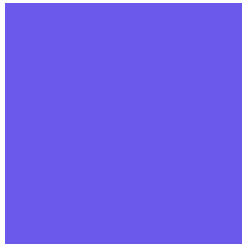
72.2450, 42.7702, 95.3781



21.5040, 12.5695, 28.4990

Previews

White Background



This preview shows how the YUV color 111.0260, 61.1192, -3.5308 looks on a white background.

Color Contrast Check

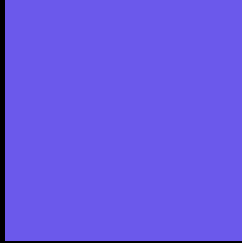
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.0260, 61.1192, -3.5308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

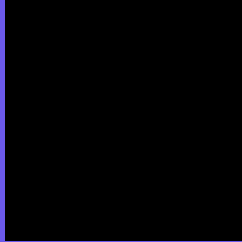
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.0260, 61.1192, -3.5308

Background



This preview shows how black text looks on a background with the YUV color 111.0260, 61.1192, -3.5308.



This preview shows how white text looks on a background with the YUV color 111.0260, 61.1192, -3.5308.

-3.5308.

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

111.0260, 61.1192, -3.5308

Protanopia

89.3880, 68.3357, -78.3933

Deuteranopia

90.0770, 53.2060, -78.9975



Tritanopia

105.4890, 11.5909, -31.1239

Trichromacy



Original Color

111.0260, 61.1192, -3.5308

Protanomaly

97.2820, 65.9230, -51.1133

Deuteranomaly

97.9370, 55.7401, -51.6877

Tritanomaly

107.3650, 29.8931, -21.3681

Monochromacy



Original Color

111.0260, 61.1192, -3.5308

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1350, 22.1184, -0.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0260, 61.1192, -3.5308 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(107, 89, 235)` looks like.

```
.text, #text, p{  
    color:rgb(107, 89, 235)  
}
```

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(107, 89, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 89, 235) }
```

Border

The CSS property to change the border of an element to YUV 111.0260, 61.1192, -3.5308 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(107, 89, 235) }
```


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

```
.border{ border-color:rgb(107, 89, 235) }
```

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

Here you see how a box with a 4 pixel rgb(107, 89, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 89, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 89, 235);  
box-shadow:4px 4px 4px 4px rgb(107, 89,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 111.0260, 61.1192, -3.5308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 89, 235) }
```

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

```
.background{ background-color: rgb(107, 89,  
235) }
```

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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