

Converting Colors

YUV(111.5160, 57.9196,
-3.9605)

Have a look what the booklet for
YUV(111.5160, 57.9196, -3.9605)
contains.

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Color

**YUV(111.5160, 57.9196,
-3.9605)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5BE5
RGB	107, 91, 229
RGB Percent	42%, 36%, 90%
CMY	0.5804, 0.6431, 0.1020
CMYK	0.53, 0.60, 0.00, 0.10
HSL	247°, 73%, 63%
HSV	247°, 60%, 90%
XYZ	23.9473, 16.2651, 76.0061
YIQ	111.5160, -34.7620, 46.3100

Conversions

Conversions Part 2

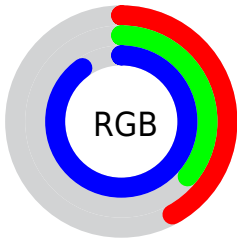
Format	Color
R_{YB}	107, 91, 229
Decimal	7035877
CIE _{Lab}	47.32, 42.87, -68.24
CIE _{LCh}	47, 80.589, 302.134
Yxy	16.2651, 0.2061, 0.1400
Android (android.graphics.Color)	4285225957 (0xFF6B5BE5)
YUV	111.5160, 57.9196, -3.9605
Hunter-Lab	40.3300, 35.4130, -83.5070

Details

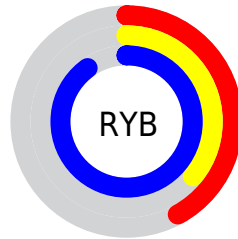
The YUV color **111.5160, 57.9196, -3.9605** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **208.4840, -57.9196, 3.9605**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3570, 45.6730, 4.0719**, and **57.0970, 56.6472, -15.8711** is the 20% darker color. If you saturate the color by 10%, you get **92.0350, 67.5237, -4.4157**, and if you desaturate by 10%, it is **130.9970, 48.3155, -3.5054**.

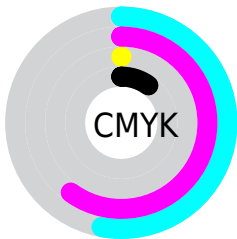
Distribution



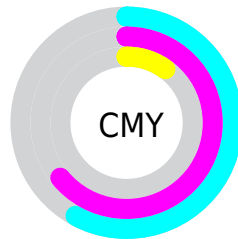
- Red (42%)
- Green (36%)
- Blue (90%)



- Red (42%)
- Yellow (36%)
- Blue (90%)



- Cyan (53%)
- Magenta (60%)
- Yellow (0%)
- Black (10%)



- Cyan (58%)
- Magenta (64%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5160, 57.9196, -3.9605 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 111.5160, 57.9196, -3.9605 by changing the saturation by 10% instead.

■ 111.5160, 57.9196,
-3.9605

■ 111.5160, 57.9196,
-3.9605

255.0000, 0.0000,
0.0000

■ 84.8530, 56.7675,
-7.7641

■ 162.3570, 45.6730,
4.0719

■ 57.0970, 56.6472,
-15.8711

■ 187.1760, 33.4372,
8.6156

■ 29.4440, 56.9691,
-25.8224

■ 211.9950, 21.2015,
13.1594

■ 14.7400, 51.4002,
-12.9270

■ 236.8030, 8.9711,
15.9588

■ 10.6020, 40.6222,
-9.2980

253.8260, 0.5788,
1.0296

■ 12.4480, 27.3871,
-10.9169

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 111.5160, 57.9196,
-3.9605

■ 111.5160, 57.9196,
-3.9605

■ 92.0350, 67.5237,
-4.4157

■ 130.9970, 48.3155,
-3.5054

■ 72.5540, 77.1279,
-4.8709

■ 150.4780, 38.7113,
-3.0502

■ 52.7740, 86.8794,
-5.9408

■ 170.2580, 28.9598,
-1.9803

■ 34.1790, 96.0468,
-6.2960

■ 189.7390, 19.3557,
-1.5251

■ 208.6330, 10.0409,
-0.5551

■ 228.1140, 0.4368,
-0.1000

■ 247.8940, -9.3147,
0.9700

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



98.9400, 74.4726, -86.7704



111.5160, 57.9196, -3.9605



102.2510, 36.8513, 80.4639

Triad

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



111.5160, 57.9196, -3.9605



103.4490, -51.0004, 71.5202



95.2900, 9.7170, -83.5693

Complementary

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



111.5160, 57.9196, -3.9605



208.4840, -57.9196, 3.9605

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.



84.6200, -21.0117, -74.2117



111.5160, 57.9196, -3.9605



104.9240, -51.7275, 24.6227

Square

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



111.5160, 57.9196, -3.9605



89.2810, -22.3235, 113.7636



93.0760, -45.8865, -29.0077



103.0420, 39.4193, -90.3678

Rectangle

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



111.5160, 57.9196, -3.9605



80.9420, 25.6646, 121.9539



93.0760, -45.8865, -29.0077



92.0810, -0.0399, -80.7550

Sweetspot

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



111.5160, 57.9196, -3.9605



215.7390, 19.3557, -1.5251



179.5200, 24.3936, -77.6320



103.5020, 12.0775, -0.4403



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.



111.5160, 57.9196, -3.9605



98.5540, 77.1279, -4.8709



131.5490, 48.0433, 37.2295



104.9660, 4.9468, 0.0298



26.6850, 75.0913, -4.9857



7.6080, 21.3923, -1.4102

Inverse Universe

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



146.1700, 32.9472, 72.6419



144.5980, 44.0752, 96.8226



188.4510, -48.0433, -37.2295



107.7280, 2.5991, 6.3775



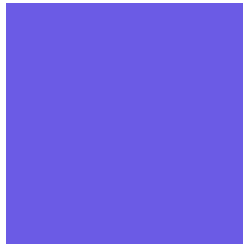
71.5330, 42.6282, 94.2486



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 111.5160, 57.9196, -3.9605 looks on a white background.

Color Contrast Check

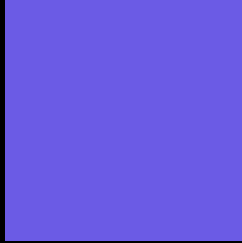
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.5160, 57.9196, -3.9605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

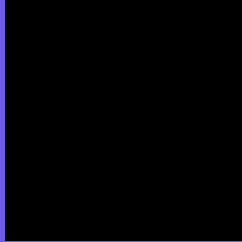
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.5160, 57.9196, -3.9605

Background



This preview shows how black text looks on a background with the YUV color 111.5160, 57.9196, -3.9605.



This preview shows how white text looks on a background with the YUV color 111.5160, 57.9196, -3.9605.

-3.9605.

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

111.5160, 57.9196, -3.9605

Protanopia

89.5020, 68.7725, -78.4933

Deuteranopia

89.4900, 53.4954, -78.4827



Tritanopia

106.3860, 11.1487, -29.2795

Trichromacy



Original Color

111.5160, 57.9196, -3.9605

Protanomaly

97.6410, 64.7600, -51.4282

Deuteranomaly

97.7090, 54.8665, -51.4878

Tritanomaly

108.2080, 27.9985, -20.3534

Monochromacy



Original Color

111.5160, 57.9196, -3.9605

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.6080, 21.3923, -1.4102

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5160, 57.9196, -3.9605 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, 91, 229)` looks like.

```
.text, #text, p{  
    color:rgb(107, 91, 229)  
}
```

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, 91, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 91, 229) }
```

Border

The CSS property to change the border of an element to YUV 111.5160, 57.9196, -3.9605 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, 91, 229) }
```


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

```
.border{ border-color:rgb(107, 91, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 91, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 91, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 91, 229);  
box-shadow:4px 4px 4px 4px rgb(107, 91,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 111.5160, 57.9196, -3.9605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 91, 229) }
```

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

```
.background{ background-color: rgb(107, 91,  
229) }
```

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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