

Converting Colors

YUV(111.7060, 56.3469,
-12.8972)

Have a look what the booklet for
YUV(111.7060, 56.3469, -12.8972)
contains.

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Color

**YUV(111.7060, 56.3469,
-12.8972)**

Conversions

Conversions Part 1

Format	Color
Hex	6161E2
RGB	97, 97, 226
RGB Percent	38%, 38%, 89%
CMY	0.6196, 0.6196, 0.1137
CMYK	0.57, 0.57, 0.00, 0.11
HSL	240°, 69%, 63%
HSV	240°, 57%, 89%
XYZ	22.9319, 16.5818, 73.9435
YIQ	111.7060, -41.4090, 40.1190

Conversions

Conversions Part 2

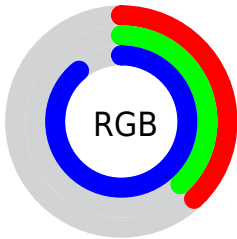
Format	Color
R_{YB}	97, 97, 226
Decimal	6382050
CIE _{Lab}	47.73, 36.58, -65.92
CIE _{LCh}	48, 75.387, 299.025
Yxy	16.5818, 0.2021, 0.1461
Android (android.graphics.Color)	4284572130 (0xFF6161E2)
YUV	111.7060, 56.3469, -12.8972
Hunter-Lab	40.7207, 29.2613, -79.1584

Details

The YUV color **111.7060, 56.3469, -12.8972** is a dark color, and the websafe version is hex **6666FF**. A complement of this color would be **211.2940, -56.3469, 12.8972**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8890, 45.4107, -5.1647**, and **54.7100, 56.8380, -30.4407** is the 20% darker color. If you saturate the color by 10%, you get **91.3280, 66.3933, -15.1967**, and if you desaturate by 10%, it is **132.0840, 46.3006, -10.5977**.

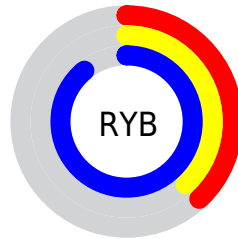
Distribution



Red (38%)

Green (38%)

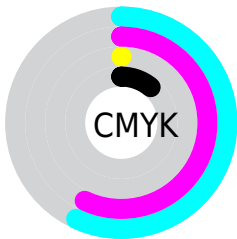
Blue (89%)



Red (38%)

Yellow (38%)

Blue (89%)

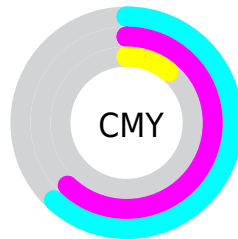


Cyan (57%)

Magenta (57%)

Yellow (0%)

Black (11%)



Cyan (62%)

Magenta (62%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7060, 56.3469, -12.8972 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 111.7060, 56.3469, -12.8972 by changing the saturation by 10% instead.

■ 111.7060, 56.3469,
-12.8972

■ 111.7060, 56.3469,
-12.8972

255.0000, 0.0000,
0.0000

■ 84.4450, 55.4896,
-17.9303

■ 162.8890, 45.4107,
-5.1647

■ 54.7100, 56.8380,
-30.4407

■ 187.7080, 33.1750,
-0.6209

■ 33.2110, 53.6330,
-29.1260

■ 212.5270, 20.9392,
3.9228

■ 19.6810, 47.4853,
-17.2602

■ 237.9330, 8.4140,
7.9518

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 111.7060, 56.3469,
-12.8972

■ 111.7060, 56.3469,
-12.8972

■ 91.3280, 66.3933,
-15.1967

■ 132.0840, 46.3006,
-10.5977

■ 71.8360, 76.0029,
-17.3962

■ 151.5760, 36.6910,
-8.3982

■ 51.4580, 86.0492,
-19.6957

■ 171.9540, 26.6447,
-6.0987

■ 31.9660, 95.6588,
-21.8952

■ 191.4460, 17.0351,
-3.8991

■ 25.7640, 98.7163,
-22.5950

■ 211.8240, 6.9888,
-1.5996

■ 232.2020, -3.0576,
0.6998

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



99.7890, 70.1100, -87.5150



111.7060, 56.3469, -12.8972



109.8810, 34.5687, 65.8794

Triad

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



111.7060, 56.3469, -12.8972



104.0470, -51.2952, 72.7498



94.0190, 7.3856, -82.4547

Complementary

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



111.7060, 56.3469, -12.8972



211.2940, -56.3469, 12.8972

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.



84.5060, -21.4485, -74.1118



111.7060, 56.3469, -12.8972



106.4300, -52.4700, 29.4409

Square

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



111.7060, 56.3469, -12.8972



95.3340, -19.3917, 106.7011



97.2730, -47.9556, -18.6564



102.0160, 35.4881, -89.4680

Rectangle

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



111.7060, 56.3469, -12.8972



93.9090, 22.2299, 103.5658



97.2730, -47.9556, -18.6564



91.5110, -2.2239, -80.2551

Sweetspot

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



111.7060, 56.3469, -12.8972



216.9020, 18.7823, -4.2991



187.4290, 19.0155, -79.3062



104.9640, 11.3567, -2.5994



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.



111.7060, 56.3469, -12.8972



101.7220, 75.5661, -17.2962



131.1410, 46.7655, 27.0633



102.2540, 4.8048, -1.0998



20.0640, 76.8764, -17.5961



5.4720, 20.9663, -4.7989

Inverse Universe

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



150.2770, 37.3314, 66.4091



153.4490, 50.0646, 89.0602



192.1580, -46.9129, -26.4486



105.5430, 3.1833, 5.6628



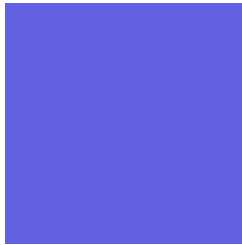
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 111.7060, 56.3469, -12.8972 looks on a white background.

Color Contrast Check

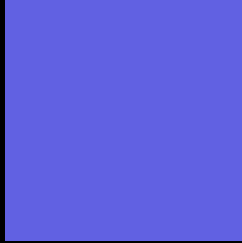
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.7060, 56.3469, -12.8972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

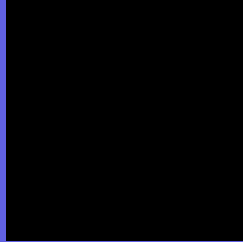
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.7060, 56.3469, -12.8972

Background



This preview shows how black text looks on a background with the YUV color 111.7060, 56.3469, -12.8972.



This preview shows how white text looks on a background with the YUV color 111.7060, 56.3469, -12.8972.

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

111.7060, 56.3469, -12.8972

Protanopia

90.3170, 69.3567, -79.2080

Deuteranopia

90.4190, 54.5164, -79.2975



Tritanopia

104.6020, 13.5072, -39.1160

Trichromacy



Original Color

111.7060, 56.3469, -12.8972

Protanomaly

98.2060, 64.4814, -55.4317

Deuteranomaly

97.8010, 55.3141, -55.0765

Tritanomaly

107.0820, 29.0466, -29.8899

Monochromacy



Original Color

111.7060, 56.3469, -12.8972

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2440, 20.0927, -4.5990

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7060, 56.3469, -12.8972 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, 97, 226)` looks like.

```
.text, #text, p{  
    color:rgb(97, 97, 226)  
}
```

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, 97, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 97, 226) }
```

Border

The CSS property to change the border of an element to YUV 111.7060, 56.3469, -12.8972 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, 97, 226) }
```


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

```
.border{ border-color:rgb(97, 97, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 97, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 97, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 97, 226);  
box-shadow:4px 4px 4px 4px rgb(97, 97,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 111.7060, 56.3469, -12.8972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 97, 226) }
```

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

```
.background{ background-color: rgb(97, 97,  
226) }
```

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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