

Converting Colors

YUV(89.3670, 63.9091,
-11.7229)

Have a look what the booklet for
YUV(89.3670, 63.9091, -11.7229)
contains.

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Color

**YUV(89.3670, 63.9091,
-11.7229)**

Conversions

Conversions Part 1

Format	Color
Hex	4C47DB
RGB	76, 71, 219
RGB Percent	30%, 28%, 86%
CMY	0.7020, 0.7216, 0.1412
CMYK	0.65, 0.68, 0.00, 0.14
HSL	242°, 67%, 57%
HSV	242°, 68%, 86%
XYZ	18.0199, 11.1574, 68.2217
YIQ	89.3670, -44.5280, 47.0880

Conversions

Conversions Part 2

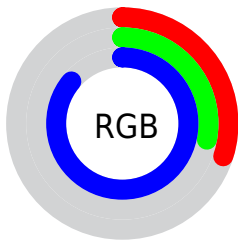
Format	Color
R _Y B	76, 71, 219
Decimal	4999131
CIE Lab	39.84, 46.53, -74.86
CIE LCh	40, 88.139, 301.864
Yxy	11.1574, 0.1850, 0.1146
Android (android.graphics.Color)	4283189211 (0xFF4C47DB)
YUV	89.3670, 63.9091, -11.7229
Hunter-Lab	33.4028, 37.8412, -97.7117

Details

The YUV color **89.3670, 63.9091, -11.7229** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **200.6330, -63.9091, 11.7229**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9570, 55.7302, -1.7163**, and **33.2570, 63.9633, -29.1664** is the 20% darker color. If you saturate the color by 10%, you get **70.1740, 73.3712, -13.3076**, and if you desaturate by 10%, it is **108.5600, 54.4469, -10.1381**.

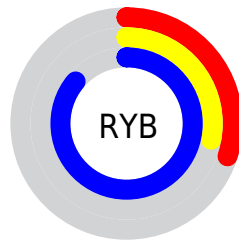
Distribution



Red (30%)

Green (28%)

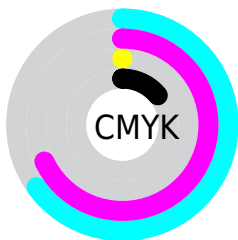
Blue (86%)



Red (30%)

Yellow (28%)

Blue (86%)

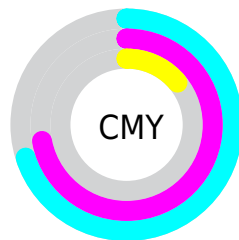


Cyan (65%)

Magenta (68%)

Yellow (0%)

Black (14%)



Cyan (70%)

Magenta (72%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3670, 63.9091, -11.7229 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 89.3670, 63.9091, -11.7229 by changing the saturation by 10% instead.

■ 89.3670, 63.9091,
-11.7229

■ 89.3670, 63.9091,
-11.7229

■ 255.0000, 0.0000,
0.0000

■ 60.0020, 64.0890,
-22.8038

■ 141.9570, 55.7302,
-1.7163

■ 33.2570, 63.9633,
-29.1664

■ 166.4880, 43.6364,
3.9570

■ 17.8520, 58.2470,
-15.6562

■ 191.3070, 31.4006,
8.5008

■ 12.4260, 47.6110,
-10.8976

■ 216.4250, 19.0175,
13.6593

■ 14.8590, 34.0865,
-13.0313

■ 239.7380, 7.5242,
13.3848

■ 10.3620, 24.4715,
-9.0875

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 89.3670, 63.9091,
-11.7229

■ 89.3670, 63.9091,
-11.7229

■ 70.1740, 73.3712,
-13.3076

■ 108.5600, 54.4469,
-10.1381

■ 50.9810, 82.8334,
-14.8923

■ 127.7530, 44.9848,
-8.5534

■ 31.7880, 92.2955,
-16.4771

■ 146.9460, 35.5226,
-6.9686

■ 27.0590, 94.6269,
-17.5917

■ 166.4380, 25.9131,
-4.7691

■ 185.6310, 16.4509,
-3.1844

■ 204.2370, 7.2782,
-1.0848

■ 223.4300, -2.1840,
0.4999

■ 242.6230,
-11.6461, 2.0846

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



88.6360, 75.6085, -77.7338



89.3670, 63.9091, -11.7229



71.8040, 44.9596, 93.1339

Triad

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



89.3670, 63.9091, -11.7229



84.2670, -41.5436, 71.6798



81.4980, 7.6425, -71.4737

Complementary

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



89.3670, 63.9091, -11.7229



200.6330, -63.9091, 11.7229

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.



69.7050, -29.9276, -61.1313



89.3670, 63.9091, -11.7229



87.7800, -43.2755, 20.3639

Square

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



89.3670, 63.9091, -11.7229



63.2050, -20.3141, 122.6002



71.7460, -35.3708, -41.8732



90.2930, 38.8026, -79.1870

Rectangle

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



89.3670, 63.9091, -11.7229



74.6330, 20.8869, 114.3319



71.7460, -35.3708, -41.8732



77.9470, -3.4249, -68.3595

Sweetspot

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



89.3670, 63.9091, -11.7229



210.4120, 21.9819, -3.8693



171.8130, 23.2632, -88.4130



100.8330, 13.3933, -2.4845



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.



89.3670, 63.9091, -11.7229



73.6910, 89.3853, -16.3920



111.4930, 53.0010, 33.7706



100.2540, 4.8048, -1.0998



21.5160, 74.6816, -13.6075



5.8420, 19.7979, -3.3694

Inverse Universe

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



131.5540, 40.6459, 76.6901



132.6930, 56.8464, 107.2632



178.5070, -53.0010, -33.7706



103.4290, 2.7465, 5.7628



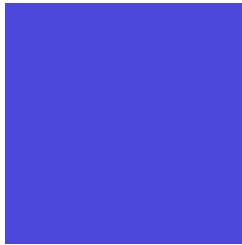
70.8790, 47.8807, 89.5601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 89.3670, 63.9091, -11.7229 looks on a white background.

Color Contrast Check

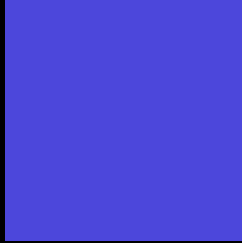
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.3670, 63.9091, -11.7229 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 89.3670, 63.9091, -11.7229

Background



This preview shows how black text looks on a background with the YUV color 89.3670, 63.9091, -11.7229.



This preview shows how white text looks on a background with the YUV color 89.3670, 63.9091, -11.7229.

-11.7229.

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

89.3670, 63.9091, -11.7229

Protanopia

74.4900, 56.9464, -65.3277

Deuteranopia

74.9340, 43.4165, -65.7171



Tritanopia

73.7020, 18.3879, -64.6367

Trichromacy



Original Color

89.3670, 63.9091, -11.7229

Protanomaly

80.0070, 59.6495, -45.6101

Deuteranomaly

80.3030, 50.6296, -45.8697

Tritanomaly

79.4760, 34.7683, -45.1445

Monochromacy



Original Color

89.3670, 63.9091, -11.7229

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.7540, 23.2923, -4.1693

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3670, 63.9091, -11.7229 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(76, 71, 219)` looks like.

```
.text, #text, p{  
    color:rgb(76, 71, 219)  
}
```

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(76, 71, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 71, 219) }
```

Border

The CSS property to change the border of an element to YUV 89.3670, 63.9091, -11.7229 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(76, 71, 219) }
```


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

```
.border{ border-color:rgb(76, 71, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 71, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 71, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 71, 219);  
box-shadow:4px 4px 4px 4px rgb(76, 71,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 89.3670, 63.9091, -11.7229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 71, 219) }
```

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

```
.background{ background-color: rgb(76, 71,  
219) }
```

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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