

Converting Colors

YUV(88.5580, 40.6439,
-16.2754)

Have a look what the booklet for
YUV(88.5580, 40.6439, -16.2754)
contains.

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Color

**YUV(88.5580, 40.6439,
-16.2754)**

Conversions

Conversions Part 1

Format	Color
Hex	4652AB
RGB	70, 82, 171
RGB Percent	27%, 32%, 67%
CMY	0.7255, 0.6784, 0.3294
CMYK	0.59, 0.52, 0.00, 0.33
HSL	233°, 42%, 47%
HSV	233°, 59%, 67%
XYZ	12.8938, 10.2770, 39.8322
YIQ	88.5580, -35.7210, 25.1350

Conversions

Conversions Part 2

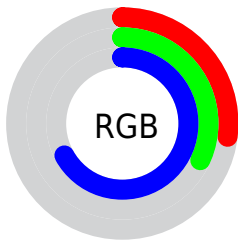
Format	Color
R _Y B	70, 81, 171
Decimal	4608683
CIE Lab	38.33, 22.71, -49.36
CIE LCh	38, 54.332, 294.707
Yxy	10.2770, 0.2047, 0.1631
Android (android.graphics.Color)	4282798763 (0xFF4652AB)
YUV	88.5580, 40.6439, -16.2754
Hunter-Lab	32.0577, 15.6927, -51.2283

Details

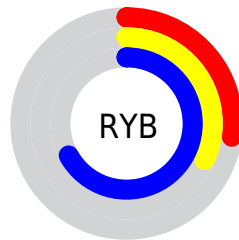
The YUV color **88.5580, 40.6439, -16.2754** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **152.4420, -40.6439, 16.2754**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7480, 42.5222, -12.0570**, and **35.7580, 40.5453, -31.3598** is the 20% darker color. If you saturate the color by 10%, you get **74.6700, 47.4907, -19.0046**, and if you desaturate by 10%, it is **102.4460, 33.7971, -13.5461**.

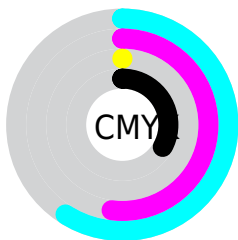
Distribution



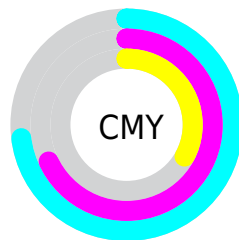
- Red (27%)
- Green (32%)
- Blue (67%)



- Red (27%)
- Yellow (32%)
- Blue (67%)



- Cyan (59%)
- Magenta (52%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (68%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5580, 40.6439, -16.2754 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 88.5580, 40.6439, -16.2754 by changing the saturation by 10% instead.

■ 88.5580, 40.6439,
-16.2754

■ 88.5580, 40.6439,
-16.2754

■ 255.0000, 0.0000,
0.0000

■ 62.7100, 40.0760,
-20.7937

■ 140.7480, 42.5222,
-12.0570

■ 35.7580, 40.5453,
-31.3598

■ 167.5740, 43.1010,
-11.0274

■ 21.7550, 35.1238,
-19.0791

■ 192.0940, 31.0127,
-7.0984

■ 7.8660, 30.1391,
-6.8985

■ 217.2010, 18.6349,
-3.6843

■ 6.8910, 18.7877,
-6.0434

■ 242.3080, 6.2572,
-0.2701

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 88.5580, 40.6439,
-16.2754

■ 88.5580, 40.6439,
-16.2754

■ 74.6700, 47.4907,
-19.0046

■ 102.4460, 33.7971,
-13.5461

■ 60.7820, 54.3375,
-21.7338

■ 116.3340, 26.9503,
-10.8169

■ 46.8940, 61.1843,
-24.4630

■ 130.2220, 20.1036,
-8.0877

■ 33.0060, 68.0310,
-27.1923

■ 144.1100, 13.2568,
-5.3585

■ 31.2340, 68.9046,
-27.3922

■ 157.9980, 6.4100,
-2.6292

■ 172.1850, -0.5842,
0.7148

■ 186.0730, -7.4310,
3.4440

■ 200.5480,
-14.5672, 5.6584

■ 214.4360,
-21.4139, 8.3876

Harmonies

Analogous

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



77.9320, 49.8265, -68.3464



88.5580, 40.6439, -16.2754



91.7730, 24.7619, 37.9101

Triad

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



88.5580, 40.6439, -16.2754



85.1770, -35.0903, 55.0958



73.2170, 3.8370, -64.2113

Complementary

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



88.5580, 40.6439, -16.2754



152.4420, -40.6439, 16.2754

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.



66.2120, -15.3875, -58.0679



88.5580, 40.6439, -16.2754



85.1660, -41.9868, 27.0414

Square

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



88.5580, 40.6439, -16.2754



83.0200, -13.3209, 72.7735



80.2390, -39.5578, -5.4716



78.9340, 23.2035, -69.2251

Rectangle

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



88.5580, 40.6439, -16.2754



86.4680, 14.0663, 61.8566



80.2390, -39.5578, -5.4716



70.8060, -2.8624, -62.0969

Sweetspot

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



88.5580, 40.6439, -16.2754



189.4950, 16.0250, -6.5731



139.3190, 9.2097, -60.7928



91.9100, 9.9044, -3.4291



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5580, 40.6439, -16.2754



93.1650, 63.5157, -25.5777



92.5770, 38.6625, 12.6490



79.6130, 3.6418, -1.4146



27.6660, 60.3107, -24.2631



4.3830, 9.1782, -3.8439

Inverse Universe

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



101.5670, -9.6465, 60.8927



113.4080, -14.9911, 95.2352



148.4230, -38.6625, -12.6490



80.8050, -0.8899, 5.4330



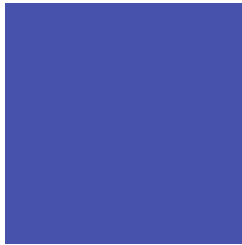
46.9020, -14.2487, 90.4169



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 88.5580, 40.6439, -16.2754 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 88.5580, 40.6439, -16.2754 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 88.5580, 40.6439, -16.2754

Background



This preview shows how black text looks on a background with the YUV color 88.5580, 40.6439, -16.2754.



This preview shows how white text looks on a background with the YUV color 88.5580, 40.6439, -16.2754.

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

88.5580, 40.6439, -16.2754

Protanopia

81.5980, 46.5402, -40.8664

Deuteranopia

72.3580, 43.7005, -63.4580



Tritanopia

82.1680, 11.7492, -35.2273

Trichromacy



Original Color

88.5580, 40.6439, -16.2754

Protanomaly

84.0830, 44.3291, -31.6448

Deuteranomaly

77.9410, 42.9201, -46.4293

Tritanomaly

84.3720, 22.4946, -28.3902

Monochromacy



Original Color

88.5580, 40.6439, -16.2754

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.5660, 15.0040, -5.7584

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5580, 40.6439, -16.2754 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(70, 82, 171)` looks like.

```
.text, #text, p{  
    color:rgb(70, 82, 171)  
}
```

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(70, 82, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 82, 171) }
```

Border

The CSS property to change the border of an element to YUV 88.5580, 40.6439, -16.2754 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(70, 82, 171) }
```


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

```
.border{ border-color:rgb(70, 82, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 82, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 82, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 82, 171);  
box-shadow:4px 4px 4px 4px rgb(70, 82,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 88.5580, 40.6439, -16.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 82, 171) }
```

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

```
.background{ background-color: rgb(70, 82,  
171) }
```

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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