

Converting Colors

YUV(103.3420, 38.2854,
-6.4389)

Have a look what the booklet for
YUV(103.3420, 38.2854, -6.4389)
contains.

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Color

**YUV(103.3420, 38.2854,
-6.4389)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 605CB5 |
| RGB | 96, 92, 181 |
| RGB Percent | 38%, 36%, 71% |
| CMY | 0.6235, 0.6392, 0.2902 |
| CMYK | 0.47, 0.49, 0.00, 0.29 |
| HSL | 243°, 38%, 54% |
| HSV | 243°, 49%, 71% |
| XYZ | 16.9915, 13.4773, 45.4219 |
| YIQ | 103.3420, -26.1850, 28.5270 |

Conversions

Conversions Part 2

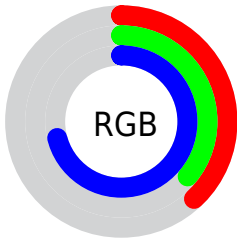
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 96, 92, 181 |
| Decimal | 6315189 |
| CIE _{Lab} | 43.47, 25.31, -46.90 |
| CIE _{LCh} | 43, 53.294, 298.358 |
| Yxy | 13.4773, 0.2239, 0.1776 |
| Android (android.graphics.Color) | 4284505269 (0xFF605CB5) |
| YUV | 103.3420, 38.2854, -6.4389 |
| Hunter-Lab | 36.7114, 18.3719, -47.6597 |

Details

The YUV color $103.3420, 38.2854, -6.4389$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $169.6580, -38.2854, 6.4389$, and the grayscale version is $103.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $155.5210, 40.1691, -3.9649$, and $53.1410, 36.4125, -12.4017$ is the 20% darker color. If you saturate the color by 10%, you get $87.6930, 46.0004, -7.6238$, and if you desaturate by 10%, it is $118.9910, 30.5704, -5.2541$.

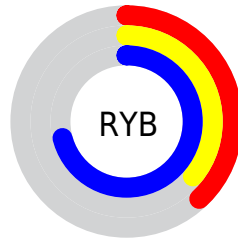
Distribution



Red (38%)

Green (36%)

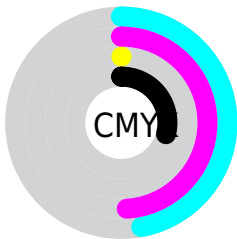
Blue (71%)



Red (38%)

Yellow (36%)

Blue (71%)

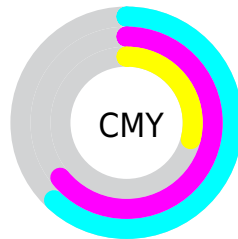


Cyan (47%)

Magenta (49%)

Yellow (0%)

Black (29%)



Cyan (62%)

Magenta (64%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3420, 38.2854, -6.4389 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 103.3420, 38.2854, -6.4389 by changing the saturation by 10% instead.

■ 103.3420, 38.2854,
-6.4389

■ 103.3420, 38.2854,
-6.4389

255.0000, 0.0000,
0.0000

■ 77.8040, 37.5646,
-8.5981

■ 155.5210, 40.1691,
-3.9649

■ 53.1410, 36.4125,
-12.4017

■ 181.7940, 36.0906,
-2.4503

■ 26.3030, 37.3186,
-23.0677

■ 206.3140, 24.0022,
1.4786

■ 9.9520, 33.0547,
-8.7279

■ 231.4210, 11.6244,
4.8928

■ 9.0910, 22.1401,
-7.9728

253.8260, 0.5788,
1.0296

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 103.3420, 38.2854,
-6.4389

■ 103.3420, 38.2854,
-6.4389

■ 87.6930, 46.0004,
-7.6238

■ 118.9910, 30.5704,
-5.2541

■ 71.7450, 53.8627,
-9.4234

■ 134.9390, 22.7081,
-3.4545

■ 56.0960, 61.5777,
-10.6082

■ 150.5880, 14.9931,
-2.2697

■ 40.4470, 69.2926,
-11.7930

■ 166.2370, 7.2782,
-1.0848

■ 24.2110, 77.2970,
-12.4630

■ 182.4730, -0.7262,
-0.4148

■ 23.0260, 77.8812,
-13.1778

■ 198.4210, -8.5886,
1.3848

■ 214.0700,
-16.3035, 2.5696

■ 229.7190,
-24.0185, 3.7544

■ 245.6670,
-31.8808, 5.5540

Harmonies

Analogous

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



85.7570, 51.8848, -75.2089



103.3420, 38.2854, -6.4389



104.5240, 22.4197, 42.5135

Triad

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



103.3420, 38.2854, -6.4389



98.4110, -36.6846, 53.1366



83.4870, 7.6479, -73.2181

Complementary

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



103.3420, 38.2854, -6.4389



169.6580, -38.2854, 6.4389

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.



75.8950, -11.2872, -66.5599



103.3420, 38.2854, -6.4389



96.3740, -47.5124, 25.9820

Square

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



103.3420, 38.2854, -6.4389



97.7980, -16.6624, 71.2142



91.1740, -41.0048, -8.0456



88.6170, 27.3038, -77.7171

Rectangle

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



103.3420, 38.2854, -6.4389



100.8550, 10.4245, 63.2712



91.1740, -41.0048, -8.0456



81.0760, 0.9485, -71.1037

Sweetspot

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



103.3420, 38.2854, -6.4389



203.7020, 15.4299, -2.3697



152.6280, 13.9874, -53.1708



98.6930, 9.0254, -1.4848



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



103.3420, 38.2854, -6.4389



113.6400, 59.8305, -10.2083



116.1990, 31.9469, 19.9965



81.3250, 3.7838, -0.2850



19.5350, 65.7982, -10.9932



3.2630, 11.2093, -1.9847

Inverse Universe

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



128.3010, 24.0086, 46.2170



152.6090, 37.1678, 72.2569



156.8010, -31.9469, -19.9965



83.7170, 2.6045, 4.6332



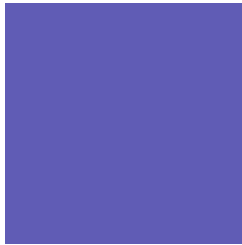
62.3910, 41.2192, 79.4641



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 103.3420, 38.2854, -6.4389 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 103.3420, 38.2854, -6.4389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

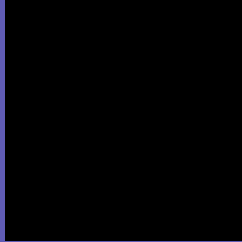
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.3420, 38.2854, -6.4389

Background



This preview shows how black text looks on a background with the YUV color 103.3420, 38.2854, -6.4389.



This preview shows how white text looks on a background with the YUV color 103.3420, 38.2854, -6.4389.

-6.4389.

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

103.3420, 38.2854, -6.4389

Protanopia

97.2890, 45.2135, -35.3335

Deuteranopia

93.5990, 41.6097, -46.1293



Tritanopia

99.3550, 8.2060, -18.7283

Trichromacy



Original Color

103.3420, 38.2854, -6.4389

Protanomaly

99.3720, 42.7076, -24.8822

Deuteranomaly

97.3450, 40.2559, -31.8746

Tritanomaly

101.2490, 19.1042, -14.2504

Monochromacy



Original Color

103.3420, 38.2854, -6.4389

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9470, 13.8301, -2.5845

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3420, 38.2854, -6.4389 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(96, 92, 181)` looks like.

```
.text, #text, p{  
    color:rgb(96, 92, 181)  
}
```

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(96, 92, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 92, 181) }
```

Border

The CSS property to change the border of an element to YUV 103.3420, 38.2854, -6.4389 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(96, 92, 181) }
```


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

```
.border{ border-color:rgb(96, 92, 181) }
```

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

Here you see how a box with a 4 pixel rgb(96, 92, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 92, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 92, 181);  
box-shadow:4px 4px 4px 4px rgb(96, 92,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 103.3420, 38.2854, -6.4389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 92, 181) }
```

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

```
.background{ background-color: rgb(96, 92,  
181) }
```

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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