

Converting Colors

YUV(49.5380, 68.2618, 38.9932)

Have a look what the booklet for
YUV(49.5380, 68.2618, 38.9932)
contains.

| | |
|--|----|
| YUV(49.5380, 68.2618, 38.9932) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 30 |

Color

**YUV(49.5380, 68.2618,
38.9932)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 5E00BC |
| RGB | 94, 0, 188 |
| RGB Percent | 37%, 0%, 74% |
| CMY | 0.6314, 1.0000, 0.2627 |
| CMYK | 0.50, 1.00, 0.00, 0.26 |
| HSL | 270°, 100%, 37% |
| HSV | 270°, 100%, 74% |
| XYZ | 13.6932, 6.0105, 48.0154 |
| YIQ | 49.5380, -4.3240, 78.3960 |

Conversions

Conversions Part 2

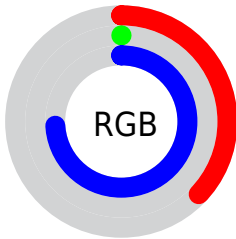
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 94, 0, 188 |
| Decimal | 6160572 |
| CIELab | 29.44, 66.26, -73.89 |
| CIELCh | 29, 99.245, 311.883 |
| Yxy | 6.0105, 0.2022, 0.0888 |
| Android (android.graphics.Color) | 4284350652 (0xFF5E00BC) |
| YUV | 49.5380, 68.2618, 38.9932 |
| Hunter-Lab | 24.5164, 56.7944, -98.9582 |

Details

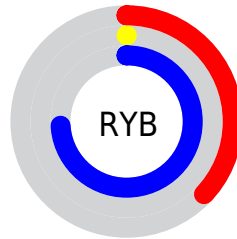
The YUV color **49.5380, 68.2618, 38.9932** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **138.4620, -68.2618, -38.9932**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.7670, 64.2049, 33.5303**, and **21.1420, 55.1460, -1.0015** is the 20% darker color. If you saturate the color by 10%, you get **49.5380, 68.2618, 38.9932**, and if you desaturate by 10%, it is **63.3820, 61.4367, 34.7450**.

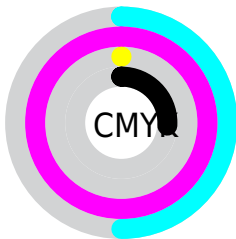
Distribution



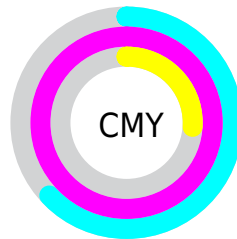
- Red (37%)
- Green (0%)
- Blue (74%)



- Red (37%)
- Yellow (0%)
- Blue (74%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (63%)
- Magenta (100%)
- Yellow (26%)
- Black (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.5380, 68.2618, 38.9932 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 49.5380, 68.2618, 38.9932 by changing the saturation by 10% instead.

■ 49.5380, 68.2618,
38.9932

■ 49.5380, 68.2618,
38.9932

■ 255.0000, 0.0000,
0.0000

■ 36.7780, 60.7484,
22.1197

■ 115.7670, 64.2049,
33.5303

■ 21.1420, 55.1460,
-1.0015

■ 141.6120, 55.9003,
37.1743

■ 12.1980, 46.7374,
-10.6976

■ 166.4310, 43.6645,
41.7180

■ 9.3480, 35.8174,
-8.1982

■ 192.1360, 30.9920,
46.3617

■ 9.4330, 23.4505,
-8.2727

■ 211.5620, 21.4149,
38.0951

■ 5.1640, 14.7091,
-4.5288

■ 228.5850, 13.0226,


■ 1.1400, 4.3680,


23.1660


-0.9998


 245.6080, 4.6303,
8.2368


 0.0000, 0.0000,
0.0000


 49.5380, 68.2618,
38.9932

 63.3820, 61.4367,
34.7450

 77.5250, 54.4642,
31.1116

 90.7820, 47.9285,
27.3782

 104.9250, 40.9560,
23.7448

 118.7690, 34.1309,
19.4966

■ 132.6130, 27.3058,
15.2484

■ 146.7560, 20.3333,
11.6150

■ 160.0130, 13.7976,
7.8816

■ 174.1560, 6.8251,
4.2482

Harmonies

Analogous

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



69.3160, 77.7382, -60.7901



49.5380, 68.2618, 38.9932



65.5920, 26.3301, 95.0738

Triad

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



49.5380, 68.2618, 38.9932



63.4800, -31.2956, 51.3220



66.5780, 16.4770, -58.3889

Complementary

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



49.5380, 68.2618, 38.9932



138.4620, -68.2618, -38.9932

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.



54.7850, -21.0930, -48.0464



49.5380, 68.2618, 38.9932



61.6550, -30.3959, -4.0824

Square

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



49.5380, 68.2618, 38.9932



50.2320, -24.7644, 103.2825



51.6560, -25.4664, -45.3023



76.1880, 48.2213, -66.8169

Rectangle

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



49.5380, 68.2618, 38.9932



64.3770, 2.2791, 109.2944



51.6560, -25.4664, -45.3023



62.9130, 4.9729, -55.1747

Sweetspot

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



49.5380, 68.2618, 38.9932



190.4990, 26.8690, 15.3484



76.6100, 54.9153, -67.1870



89.5940, 15.9762, 9.1261



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



49.5380, 68.2618, 38.9932



64.4080, 89.0319, 50.5082



77.6440, 54.4055, 96.7822



87.5210, 3.1941, 2.1741



41.6330, 57.3689, 32.7709



8.0190, 11.3296, 6.1223

Inverse Universe

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



66.9280, 13.3465, 106.1801



87.1630, 17.1746, 138.4230



110.3560, -54.4055, -96.7822



88.2610, 0.8573, 5.0331



56.2480, 11.2167, 89.2365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 49.5380, 68.2618, 38.9932 looks on a white background.

Color Contrast Check

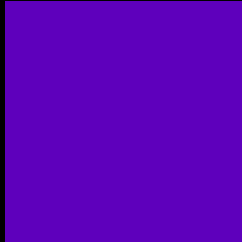
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 49.5380, 68.2618, 38.9932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

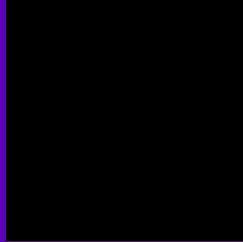
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.5380, 68.2618, 38.9932

Background



This preview shows how black text looks on a background with the YUV color 49.5380, 68.2618, 38.9932.



This preview shows how white text looks on a background with the YUV color 49.5380, 68.2618,

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



Protanopia

57.1470, 43.8045, -50.1179

Deuteranopia

57.6880, 33.1848, -50.5924

Tritanopia

70.6940, 4.0949, -6.7476

Trichromacy



Protanomaly

54.3480, 52.5794, -17.8452

Deuteranomaly

54.6270, 46.0329, -18.0899

Tritanomaly

62.6940, 27.7589, 9.9154

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9180, 24.6904, 14.1039

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.5380, 68.2618, 38.9932 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(94, 0, 188)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 188)  
}
```

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(94, 0, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 188) }
```

Border

The CSS property to change the border of an element to YUV 49.5380, 68.2618, 38.9932 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(94, 0, 188) }
```

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

```
.border{ border-color:rgb(94, 0, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 0, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 0, 188);  
box-shadow:4px 4px 4px 4px rgb(94, 0, 188)  
}
```


Background

The CSS property to change the background color of an element to YUV 49.5380, 68.2618, 38.9932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 0, 188) }
```

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

```
.background{ background-color: rgb(94, 0,  
188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor