

Converting Colors

YUV(68.6960, 38.1109, 2.8976)

Have a look what the booklet for
YUV(68.6960, 38.1109, 2.8976)
contains.

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Color

**YUV(68.6960, 38.1109,
2.8976)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 483492 |
| RGB | 72, 52, 146 |
| RGB Percent | 28%, 20%, 57% |
| CMY | 0.7176, 0.7961, 0.4275 |
| CMYK | 0.51, 0.64, 0.00, 0.43 |
| HSL | 253°, 47%, 39% |
| HSV | 253°, 64%, 57% |
| XYZ | 9.0888, 5.9090, 27.8557 |
| YIQ | 68.6960, -18.2540, 33.4740 |

Conversions

Conversions Part 2

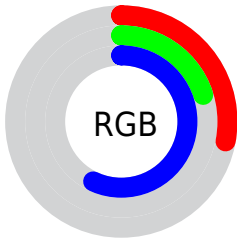
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 72, 52, 146 |
| Decimal | 4732050 |
| CIE Lab | 29.18, 33.89, -49.06 |
| CIE LCh | 29, 59.634, 304.637 |
| Yxy | 5.9090, 0.2121, 0.1379 |
| Android (android.graphics.Color) | 4282922130 (0xFF483492) |
| YUV | 68.6960, 38.1109, 2.8976 |
| Hunter-Lab | 24.3085, 24.2002, -50.9258 |

Details

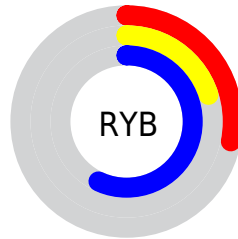
The YUV color **68.6960, 38.1109, 2.8976** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **129.3040, -38.1109, -2.8976**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5870, 40.1366, 6.5012**, and **17.2060, 37.8594, -9.8277** is the 20% darker color. If you saturate the color by 10%, you get **56.6020, 44.0732, 3.8570**, and if you desaturate by 10%, it is **80.7900, 32.1485, 1.9382**.

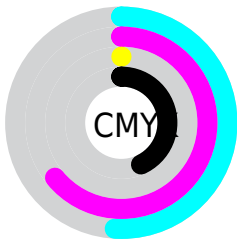
Distribution



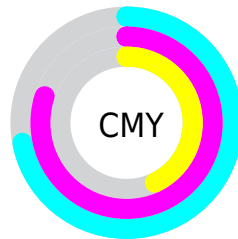
- Red (28%)
- Green (20%)
- Blue (57%)



- Red (28%)
- Yellow (20%)
- Blue (57%)



- Cyan (51%)
- Magenta (64%)
- Yellow (0%)
- Black (43%)



- Cyan (72%)
- Magenta (80%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.6960, 38.1109, 2.8976 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 68.6960, 38.1109, 2.8976 by changing the saturation by 10% instead.

■ 68.6960, 38.1109,
2.8976

■ 68.6960, 38.1109,
2.8976

■ 255.0000, 0.0000,
0.0000

■ 44.4460, 37.2481,
-0.3911

■ 119.5870, 40.1366,
6.5012

■ 17.2060, 37.8594,
-9.8277

■ 145.5270, 41.1522,
7.4308

■ 7.9800, 30.5759,
-6.9985

■ 172.1250, 40.8574,
8.6604

■ 7.7060, 19.3719,
-6.7582

■ 196.6450, 28.7690,
12.5893

■ 3.4370, 10.6306,
-3.0142

■ 221.7520, 16.3913,
16.0035

■ 0.0000, 0.0000,
0.0000

■ 242.6730, 6.0772,

10.8108

■ 68.6960, 38.1109,
2.8976

■ 68.6960, 38.1109,
2.8976

■ 56.6020, 44.0732,
3.8570

■ 80.7900, 32.1485,
1.9382

■ 44.7960, 49.8936,
3.6869

■ 92.5960, 26.3282,
2.1083

■ 32.7020, 55.8559,
4.6463

■ 104.6900, 20.3658,
1.1489

■ 25.9130, 59.2029,
4.4613

■ 116.4960, 14.5455,
1.3190

■ 128.5900, 8.5831,
0.3596

■ 140.9830, 2.4734,
0.0149

■ 152.4900, -3.1996,
-0.4297

■ 164.8830, -9.3093,
-0.7744

■ 176.3900,
-14.9823, -1.2190

Harmonies

Analogous

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



61.4330, 50.0725, -53.8767



68.6960, 38.1109, 2.8976



58.0300, 25.1282, 60.4867

Triad

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



68.6960, 38.1109, 2.8976



63.7350, -31.4214, 44.9594



59.6190, 7.5828, -52.2859

Complementary

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



68.6960, 38.1109, 2.8976



129.3040, -38.1109, -2.8976

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.



52.7450, -13.6783, -46.2574



68.6960, 38.1109, 2.8976



64.1240, -31.6131, 13.0463

Square

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



68.6960, 38.1109, 2.8976



52.2440, -16.3893, 76.9620



55.3320, -27.2787, -23.9702



64.8630, 27.6755, -56.8849

Rectangle

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



68.6960, 38.1109, 2.8976



51.7630, 13.4278, 80.0148



55.3320, -27.2787, -23.9702



57.7950, 0.5941, -50.6862

Sweetspot

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



68.6960, 38.1109, 2.8976



159.1970, 14.6929, 0.7042



106.7410, 19.3547, -48.0079



76.5900, 8.5831, 0.3596



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



68.6960, 38.1109, 2.8976



68.9130, 59.2029, 4.4613



82.4500, 31.3301, 31.1773



68.0970, 2.9102, -0.0851



24.4030, 56.0033, 4.0316



1.7380, 4.0732, 0.2298

Inverse Universe

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



88.5420, 18.4668, 50.3907



99.7640, 28.7103, 78.2600



115.5500, -31.3301, -31.1773



69.6630, 1.1521, 3.8035



53.5740, 26.8320, 74.0416



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 68.6960, 38.1109, 2.8976 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 68.6960, 38.1109, 2.8976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

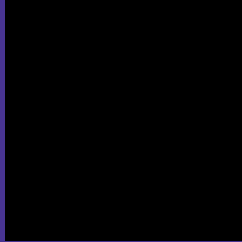
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.6960, 38.1109, 2.8976

Background



This preview shows how black text looks on a background with the YUV color 68.6960, 38.1109, 2.8976.



This preview shows how white text looks on a background with the YUV color 68.6960, 38.1109,

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

68.6960, 38.1109, 2.8976

Protanopia

54.8160, 42.4887, -48.0736

Deuteranopia

55.5850, 32.7426, -48.7480



Tritanopia

66.4050, 5.7163, -13.5102

Trichromacy



Original Color

68.6960, 38.1109, 2.8976

Protanomaly

59.8830, 40.9767, -29.7154

Deuteranomaly

60.2760, 34.8669, -30.0601

Tritanomaly

67.5380, 17.4828, -7.4878

Monochromacy



Original Color

68.6960, 38.1109, 2.8976

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.9690, 13.8193, 0.9042

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.6960, 38.1109, 2.8976 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(72, 52, 146)` looks like.

```
.text, #text, p{  
    color:rgb(72, 52, 146)  
}
```

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(72, 52, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 52, 146) }
```

Border

The CSS property to change the border of an element to YUV 68.6960, 38.1109, 2.8976 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(72, 52, 146) }
```


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

```
.border{ border-color:rgb(72, 52, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 52, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 52, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 52, 146);  
box-shadow:4px 4px 4px 4px rgb(72, 52,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 68.6960, 38.1109, 2.8976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 52, 146) }
```

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

```
.background{ background-color: rgb(72, 52,  
146) }
```

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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