

Converting Colors

YUV(70.3970, 38.2583, 2.2828)

Have a look what the booklet for
YUV(70.3970, 38.2583, 2.2828)
contains.

YUV(70.3970, 38.2583, 2.2828)	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>	31

Color

**YUV(70.3970, 38.2583,
2.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	493694
RGB	73, 54, 148
RGB Percent	29%, 21%, 58%
CMY	0.7137, 0.7882, 0.4196
CMYK	0.51, 0.64, 0.00, 0.42
HSL	252°, 47%, 40%
HSV	252°, 64%, 58%
XYZ	9.4121, 6.1929, 28.7163
YIQ	70.3970, -18.8500, 33.2620

Conversions

Conversions Part 2

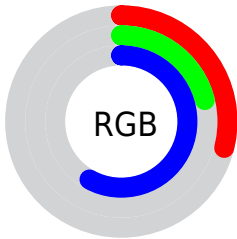
Format	Color
R_{YB}	73, 54, 148
Decimal	4798100
CIE _{Lab}	29.89, 33.50, -49.13
CIE _{LCh}	30, 59.467, 304.292
Yxy	6.1929, 0.2124, 0.1397
Android (android.graphics.Color)	4282988180 (0xFF493694)
YUV	70.3970, 38.2583, 2.2828
Hunter-Lab	24.8856, 23.9617, -50.9967

Details

The YUV color **70.3970, 38.2583, 2.2828** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **131.6030, -38.2583, -2.2828**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2880, 40.2840, 5.8864**, and **18.9070, 38.0068, -10.4424** is the 20% darker color. If you saturate the color by 10%, you get **58.0040, 44.3680, 2.6275**, and if you desaturate by 10%, it is **82.7900, 32.1485, 1.9382**.

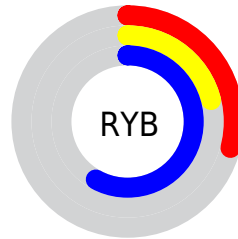
Distribution



Red (29%)

Green (21%)

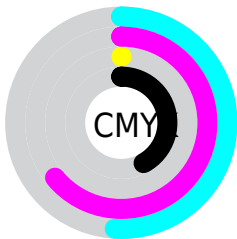
Blue (58%)



Red (29%)

Yellow (21%)

Blue (58%)

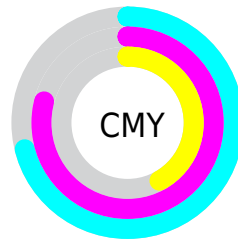


Cyan (51%)

Magenta (64%)

Yellow (0%)

Black (42%)



Cyan (71%)

Magenta (79%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3970, 38.2583, 2.2828 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 70.3970, 38.2583, 2.2828 by changing the saturation by 10% instead.

70.3970, 38.2583,
2.2828

70.3970, 38.2583,
2.2828

255.0000, 0.0000,
0.0000

46.1470, 37.3955,
-1.0059

121.2880, 40.2840,
5.8864

18.9070, 38.0068,
-10.4424

147.2280, 41.2996,
6.8160

8.2080, 31.4495,
-7.1984

173.8970, 39.9838,
8.8603

7.8200, 19.8087,
-6.8581

198.1180, 28.0428,
12.1745

3.6650, 11.5042,
-3.2142

223.5240, 15.5177,
16.2035

0.0000, 0.0000,
0.0000

243.8470, 5.4984,

9.7812

■ 70.3970, 38.2583,
2.2828

■ 70.3970, 38.2583,
2.2828

■ 58.0040, 44.3680,
2.6275

■ 82.7900, 32.1485,
1.9382

■ 45.6110, 50.4778,
2.9722

■ 95.1830, 26.0388,
1.5935

■ 34.1040, 56.1507,
3.4168

■ 106.6900, 20.3658,
1.1489

■ 25.8420, 60.2239,
3.6466

■ 119.0830, 14.2561,
0.8042

■ 131.4760, 8.1463,
0.4595

■ 143.8690, 2.0366,
0.1149

■ 156.2620, -4.0732,
-0.2298

■ 167.7690, -9.7461,
-0.6744

■ 180.1620,
-15.8559, -1.0191

Harmonies

Analogous

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



62.7210, 49.9305, -55.0063



70.3970, 38.2583, 2.2828



61.2040, 24.5494, 59.4571

Triad

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



70.3970, 38.2583, 2.2828



65.8060, -32.4424, 45.7741



60.9070, 7.4408, -53.4154

Complementary

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



70.3970, 38.2583, 2.2828



131.6030, -38.2583, -2.2828

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.



54.0330, -13.8203, -47.3869



70.3970, 38.2583, 2.2828



65.8960, -32.4867, 13.2462

Square

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



70.3970, 38.2583, 2.2828



54.8310, -16.6787, 76.4472



57.1040, -28.1523, -23.7702



66.1510, 27.5336, -58.0144

Rectangle

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



70.3970, 38.2583, 2.2828



52.5890, 14.0066, 81.0444



57.1040, -28.1523, -23.7702



59.0830, 0.4521, -51.8158

Sweetspot

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



70.3970, 38.2583, 2.2828



161.1970, 14.6929, 0.7042



108.7410, 19.3547, -48.0079



78.7040, 9.0199, 0.2596



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



70.3970, 38.2583, 2.2828



71.2010, 59.0609, 3.3317



84.4500, 31.3302, 31.1774



68.0970, 2.9102, -0.0851



24.1040, 56.1507, 3.4168



1.7380, 4.0732, 0.2298

Inverse Universe

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



90.6560, 18.9036, 50.2907



102.5790, 29.2946, 77.5452



117.5500, -31.3301, -31.1773



69.6630, 1.1521, 3.8035



53.8020, 27.7056, 73.8416



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 70.3970, 38.2583, 2.2828 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 70.3970, 38.2583, 2.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

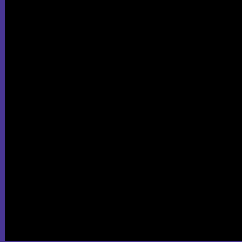
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.3970, 38.2583, 2.2828

Background



This preview shows how black text looks on a background with the YUV color 70.3970, 38.2583, 2.2828.



This preview shows how white text looks on a background with the YUV color 70.3970, 38.2583,

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

70.3970, 38.2583, 2.2828

Protanopia

56.3320, 43.2203, -49.4032

Deuteranopia

56.5140, 33.7636, -49.5628



Tritanopia

68.1060, 5.8637, -14.1250

Trichromacy



Original Color

70.3970, 38.2583, 2.2828

Protanomaly

61.5840, 41.1241, -30.3302

Deuteranomaly

61.3900, 35.3037, -30.1600

Tritanomaly

69.2390, 17.6302, -8.1026

Monochromacy



Original Color

70.3970, 38.2583, 2.2828

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9690, 13.8193, 0.9042

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3970, 38.2583, 2.2828 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(73, 54, 148)` looks like.

```
.text, #text, p{  
    color:rgb(73, 54, 148)  
}
```

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(73, 54, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 54, 148) }
```

Border

The CSS property to change the border of an element to YUV 70.3970, 38.2583, 2.2828 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(73, 54, 148) }
```


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

```
.border{ border-color:rgb(73, 54, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 54, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 54, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 54, 148);  
box-shadow:4px 4px 4px 4px rgb(73, 54,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 70.3970, 38.2583, 2.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 54, 148) }
```

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

```
.background{ background-color: rgb(73, 54,  
148) }
```

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