

Converting Colors

YUV(68.3370, 39.2739, 3.2125)

Have a look what the booklet for
YUV(68.3370, 39.2739, 3.2125)
contains.

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Color

**YUV(68.3370, 39.2739,
3.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	483394
RGB	72, 51, 148
RGB Percent	28%, 20%, 58%
CMY	0.7176, 0.8000, 0.4196
CMYK	0.51, 0.66, 0.00, 0.42
HSL	253°, 49%, 39%
HSV	253°, 66%, 58%
XYZ	9.2016, 5.8835, 28.6676
YIQ	68.3370, -18.6210, 34.6190

Conversions

Conversions Part 2

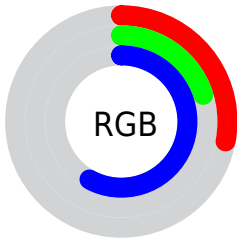
Format	Color
R_{YB}	72, 51, 148
Decimal	4731796
CIE _{Lab}	29.12, 35.12, -50.40
CIE _{LCh}	29, 61.427, 304.869
Yxy	5.8835, 0.2103, 0.1345
Android (android.graphics.Color)	4282921876 (0xFF483394)
YUV	68.3370, 39.2739, 3.2125
Hunter-Lab	24.2559, 25.2671, -53.0947

Details

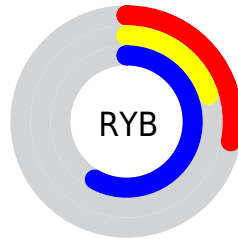
The YUV color **68.3370, 39.2739, 3.2125** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **130.6630, -39.2739, -3.2125**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2280, 41.2996, 6.8160**, and **16.2490, 39.3172, -10.7424** is the 20% darker color. If you saturate the color by 10%, you get **55.9440, 45.3836, 3.5571**, and if you desaturate by 10%, it is **80.7300, 33.1641, 2.8678**.

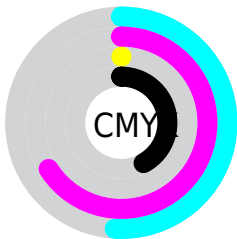
Distribution



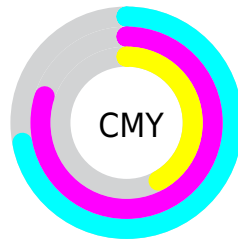
- Red (28%)
- Green (20%)
- Blue (58%)



- Red (28%)
- Yellow (20%)
- Blue (58%)



- Cyan (51%)
- Magenta (66%)
- Yellow (0%)
- Black (42%)



- Cyan (72%)
- Magenta (80%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3370, 39.2739, 3.2125 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 68.3370, 39.2739, 3.2125 by changing the saturation by 10% instead.

68.3370, 39.2739,
3.2125

68.3370, 39.2739,
3.2125

255.0000, 0.0000,
0.0000

43.7880, 38.5585,
-0.6911

119.2280, 41.2996,
6.8160

16.2490, 39.3172,
-10.7424

145.4670, 42.1678,
8.3604

8.2080, 31.4495,
-7.1984

171.8370, 40.9994,
9.7900

7.8200, 19.8087,
-6.8581

196.3570, 28.9110,
13.7189

3.6650, 11.5042,
-3.2142

221.4640, 16.5332,
17.1331

0.0000, 0.0000,
0.0000

242.0860, 6.3666,

11.3256

■ 68.3370, 39.2739,
3.2125

■ 68.3370, 39.2739,
3.2125

■ 55.9440, 45.3836,
3.5571

■ 80.7300, 33.1641,
2.8678

■ 43.8500, 51.3460,
4.5165

■ 92.8240, 27.2018,
1.9084

■ 32.0440, 57.1663,
4.3464

■ 104.6300, 21.3814,
2.0785

■ 26.4400, 59.9291,
4.8761

■ 116.7240, 15.4191,
1.1191

■ 129.1170, 9.3093,
0.7744

■ 141.5100, 3.1996,
0.4297

■ 153.6040, -2.7628,
-0.5297

■ 165.4100, -8.5831,
-0.3596

■ 177.5040,
-14.5455, -1.3190

Harmonies

Analogous

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



61.6610, 50.9461, -54.0767



68.3370, 39.2739, 3.2125



54.0460, 27.5853, 65.7347

Triad

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



68.3370, 39.2739, 3.2125



64.0340, -31.5688, 45.5742



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.



68.3370, 39.2739, 3.2125



130.6630, -39.2739, -3.2125

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.



52.6310, -14.1151, -46.1574



68.3370, 39.2739, 3.2125



64.4120, -31.7551, 11.9167

Square

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



68.3370, 39.2739, 3.2125



49.3800, -15.9633, 80.3507



54.1360, -26.6890, -26.4293



65.5640, 27.8229, -57.4996

Rectangle

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



68.3370, 39.2739, 3.2125



52.3610, 13.1330, 81.2444



54.1360, -26.6890, -26.4293



57.7950, 0.5941, -50.6862

Sweetspot

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



68.3370, 39.2739, 3.2125



159.7240, 15.4191, 1.1191



107.8440, 19.7969, -49.8522



78.1170, 9.3093, 0.7744



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.



68.3370, 39.2739, 3.2125



67.0810, 61.0921, 5.1910



82.3900, 32.3457, 32.1070



68.0970, 2.9102, -0.0851



24.7020, 55.8559, 4.6463



1.7380, 4.0732, 0.2298

Inverse Universe

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



88.6670, 18.8982, 52.0350



98.7150, 29.7205, 80.9339



116.6100, -32.3457, -32.1070



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 68.3370, 39.2739, 3.2125 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 68.3370, 39.2739, 3.2125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

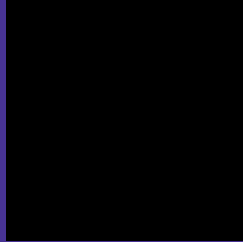
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3370, 39.2739, 3.2125

Background



This preview shows how black text looks on a background with the YUV color 68.3370, 39.2739, 3.2125.



This preview shows how white text looks on a background with the YUV color 68.3370, 39.2739,

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

68.3370, 39.2739, 3.2125

Protanopia

54.7020, 42.0519, -47.9737

Deuteranopia

55.4710, 32.3058, -48.6481



Tritanopia

66.1060, 5.8637, -14.1250

Trichromacy



Original Color

68.3370, 39.2739, 3.2125

Protanomaly

59.8830, 40.9767, -29.7154

Deuteranomaly

60.2760, 34.8669, -30.0601

Tritanomaly

66.6520, 17.9196, -7.5878

Monochromacy



Original Color

68.3370, 39.2739, 3.2125

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0830, 14.2561, 0.8042

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3370, 39.2739, 3.2125 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, 51, 148)` looks like.

```
.text, #text, p{  
    color:rgb(72, 51, 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(72, 51, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 51, 148) }
```

Border

The CSS property to change the border of an element to YUV 68.3370, 39.2739, 3.2125 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, 51, 148) }
```


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

```
.border{ border-color:rgb(72, 51, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 51, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 51, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 51, 148);  
box-shadow:4px 4px 4px 4px rgb(72, 51,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 68.3370, 39.2739, 3.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 51, 148) }
```

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

```
.background{ background-color: rgb(72, 51,  
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](#).

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