

Converting Colors

YUV(68.0230, 5.4117, 37.6908)

Have a look what the booklet for
YUV(68.0230, 5.4117, 37.6908)
contains.

YUV(68.0230, 5.4117, 37.6908)	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(68.0230, 5.4117,
37.6908)**

Conversions

Conversions Part 1

Format	Color
Hex	6F2C4F
RGB	111, 44, 79
RGB Percent	44%, 17%, 31%
CMY	0.5647, 0.8275, 0.6902
CMYK	0.00, 0.60, 0.29, 0.56
HSL	329°, 43%, 30%
HSV	329°, 60%, 44%
XYZ	8.8675, 5.7454, 8.0387
YIQ	68.0230, 28.6970, 25.0890

Conversions

Conversions Part 2

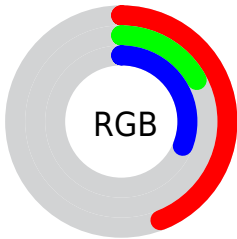
Format	Color
R_{YB}	111, 44, 79
Decimal	7285839
CIE _{Lab}	28.76, 33.84, -6.73
CIE _{LCh}	29, 34.501, 348.754
Yxy	5.7454, 0.3915, 0.2536
Android (android.graphics.Color)	4285475919 (0xFF6F2C4F)
YUV	68.0230, 5.4117, 37.6908
Hunter-Lab	23.9695, 24.0893, -3.1056

Details

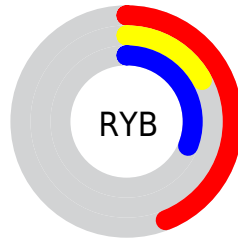
The YUV color **68.0230, 5.4117, 37.6908** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.9770, -5.4117, -37.6908**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.5180, 4.6746, 40.7647**, and **21.9300, 6.4435, 33.3874** is the 20% darker color. If you saturate the color by 10%, you get **60.9960, 6.4110, 43.8535**, and if you desaturate by 10%, it is **75.0500, 4.4124, 31.5282**.

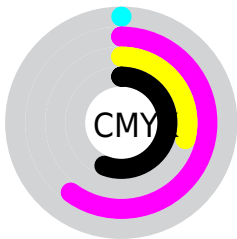
Distribution



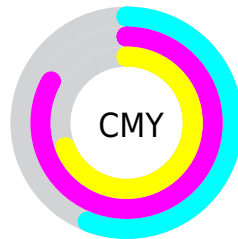
- Red (44%)
- Green (17%)
- Blue (31%)



- Red (44%)
- Yellow (17%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (56%)



- Cyan (56%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0230, 5.4117, 37.6908 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 68.0230, 5.4117, 37.6908 by changing the saturation by 10% instead.

68.0230, 5.4117,
37.6908

68.0230, 5.4117,
37.6908

255.0000, 0.0000,
0.0000

42.9520, 6.4327,
36.8761

118.5180, 4.6746,
40.7647

21.9300, 6.4435,
33.3874

145.1160, 4.3798,
41.9943

13.3280, -0.6547,
23.3913

171.8280, 4.5218,
43.1238

0.0000, 0.0000,
0.0000

199.4260, 4.2270,
44.3534

220.6630, 8.0541,
30.1135

239.1510, 7.8136,

13.8996

■ 68.0230, 5.4117,
37.6908

■ 68.0230, 5.4117,
37.6908

■ 60.9960, 6.4110,
43.8535

■ 75.0500, 4.4124,
31.5282

■ 53.8550, 6.9735,
50.1162

■ 82.1910, 3.8498,
25.2655

■ 46.8280, 7.9728,
56.2788

■ 89.2180, 2.8505,
19.1028

■ 39.8010, 8.9721,
62.4415

■ 96.2450, 1.8512,
12.9401

■ 103.9730, 0.9993,
6.1627

■ 111.0000, 0.0000,
0.0000

■ 118.0270, -0.9993,
-6.1627

■ 125.0540, -1.9986,
-12.3254

■ 132.1950, -2.5611,
-18.5880

Harmonies

Analogous

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



69.7630, 16.3858, 17.7478



68.0230, 5.4117, 37.6908



66.4400, -7.1189, 43.4641

Triad

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



68.0230, 5.4117, 37.6908



63.2520, -25.7602, 2.4100



58.5710, 23.8755, -51.3668

Complementary

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



68.0230, 5.4117, 37.6908



86.9770, -5.4117, -37.6908

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.



57.1230, 13.2504, -50.0969



68.0230, 5.4117, 37.6908



58.6000, -13.6068, -22.4512

Square

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



68.0230, 5.4117, 37.6908



65.1450, -26.6935, 21.7978



53.4580, 1.7462, -46.8827



57.1180, 31.0008, -50.0925

Rectangle

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



68.0230, 5.4117, 37.6908



66.3550, -14.9650, 40.0307



53.4580, 1.7462, -46.8827



58.4740, 20.9653, -51.2817

Sweetspot

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



68.0230, 5.4117, 37.6908



128.3700, 2.2826, 14.5845



60.9070, 24.6958, 12.3596



63.6960, 1.1359, 9.0366



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



68.0230, 5.4117, 37.6908



78.2520, 8.2568, 58.5380



64.2610, -9.0027, 40.9901



52.1360, 0.4260, 3.3887



43.0620, 9.8294, 67.4746



88.5590, 19.9374, 138.9528

Inverse Universe

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



68.0230, 5.4117, 37.6908



78.2520, 8.2568, 58.5380



90.7390, 9.0027, -40.9901



52.1360, 0.4260, 3.3887



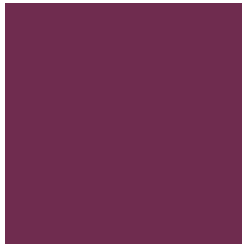
43.0620, 9.8294, 67.4746



88.5590, 19.9374, 138.9528

Previews

White Background



This preview shows how the YUV color 68.0230, 5.4117, 37.6908 looks on a white background.

Color Contrast Check

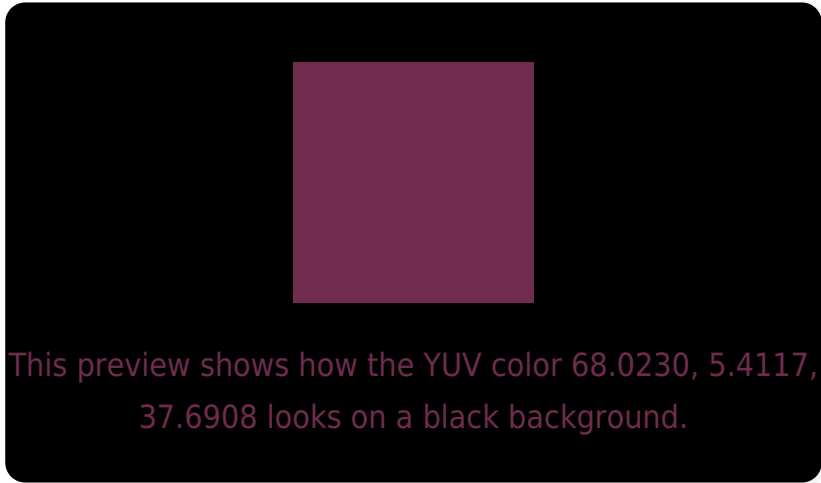
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

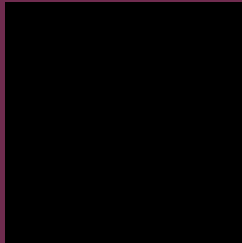
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.0230, 5.4117, 37.6908

Background



This preview shows how black text looks on a background with the YUV color 68.0230, 5.4117, 37.6908.



This preview shows how white text looks on a background with the YUV color 68.0230, 5.4117, 37.6908.

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

68.0230, 5.4117, 37.6908

Protanopia

68.6860, 12.9728, -7.6176

Deuteranopia

69.5210, 3.1941, 2.1741



Tritanopia

67.9830, -7.3866, 35.9719

Trichromacy



Original Color

68.0230, 5.4117, 37.6908

Protanomaly

68.4000, 10.1558, 9.2962

Deuteranomaly

69.1250, 3.8824, 14.7994

Tritanomaly

68.1340, -3.0241, 36.7165

Monochromacy



Original Color

68.0230, 5.4117, 37.6908

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9570, 1.9932, 14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0230, 5.4117, 37.6908 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(111, 44, 79)` looks like.

```
.text, #text, p{  
    color:rgb(111, 44, 79)  
}
```

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(111, 44, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 44, 79) }
```

Border

The CSS property to change the border of an element to YUV 68.0230, 5.4117, 37.6908 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(111, 44, 79) }
```


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

```
.border{ border-color:rgb(111, 44, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 44, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 44, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 44, 79);  
box-shadow:4px 4px 4px 4px rgb(111, 44,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 68.0230, 5.4117, 37.6908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 44, 79) }
```

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

```
.background{ background-color: rgb(111, 44,  
79) }
```

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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