

Converting Colors

YUV(67.2880, 10.2110, 38.3354)

Have a look what the booklet for
YUV(67.2880, 10.2110, 38.3354)
contains.

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Color

**YUV(67.2880, 10.2110,
38.3354)**

Conversions

Conversions Part 1

Format	Color
Hex	6F2958
RGB	111, 41, 88
RGB Percent	44%, 16%, 35%
CMY	0.5647, 0.8392, 0.6549
CMYK	0.00, 0.63, 0.21, 0.56
HSL	320°, 46%, 30%
HSV	320°, 63%, 44%
XYZ	9.1099, 5.6700, 9.8468
YIQ	67.2880, 26.6330, 29.4570

Conversions

Conversions Part 2

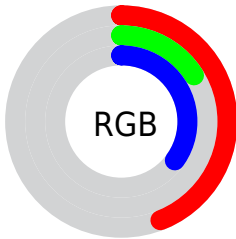
Format	Color
R_{YB}	111, 41, 88
Decimal	7285080
CIE _{Lab}	28.56, 36.73, -12.94
CIE _{LCh}	29, 38.946, 340.598
Yxy	5.6700, 0.3699, 0.2302
Android (android.graphics.Color)	4285475160 (0xFF6F2958)
YUV	67.2880, 10.2110, 38.3354
Hunter-Lab	23.8117, 26.6205, -7.8499

Details

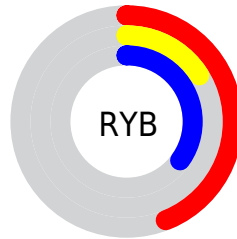
The YUV color **67.2880, 10.2110, 38.3354** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **84.7120, -10.2110, -38.3354**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4840, 9.6214, 40.7945**, and **22.7280, 9.5011, 32.6875** is the 20% darker color. If you saturate the color by 10%, you get **60.3750, 11.6471, 44.3981**, and if you desaturate by 10%, it is **74.2010, 8.7749, 32.2727**.

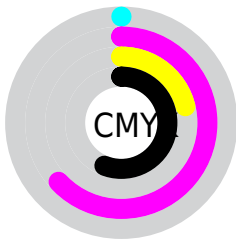
Distribution



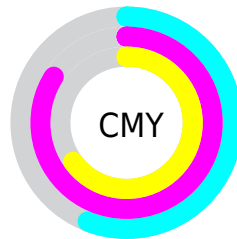
- Red (44%)
- Green (16%)
- Blue (35%)



- Red (44%)
- Yellow (16%)
- Blue (35%)



- Cyan (0%)
- Magenta (63%)
- Yellow (21%)
- Black (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2880, 10.2110, 38.3354 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 67.2880, 10.2110, 38.3354 by changing the saturation by 10% instead.

67.2880, 10.2110,
38.3354

67.2880, 10.2110,
38.3354

255.0000, 0.0000,
0.0000

41.6300, 11.5214,
38.0355

118.4840, 9.6214,
40.7945

22.7280, 9.5011,
32.6875

144.4950, 9.6160,
42.5389

14.1690, 3.8607,
21.7768

171.7940, 9.4686,
43.1537

0.0000, 0.0000,
0.0000

199.5060, 9.6105,
44.2832

220.1560, 13.7271,
30.5582

237.9770, 8.3923,

14.9292

■ 67.2880, 10.2110,
38.3354

■ 67.2880, 10.2110,
38.3354

■ 60.3750, 11.6471,
44.3981

■ 74.2010, 8.7749,
32.2727

■ 53.5760, 13.5200,
50.3608

■ 81.0000, 6.9020,
26.3100

■ 46.6630, 14.9561,
56.4235

■ 87.9130, 5.4659,
20.2473

■ 41.7390, 16.3977,
60.7419

■ 94.8260, 4.0298,
14.1846

■ 102.2120, 1.8675,
7.7071

■ 109.1250, 0.4314,
1.6444

■ 116.0380, -1.0047,
-4.4183

■ 122.8370, -2.8776,
-10.3810

■ 129.7500, -4.3137,
-16.4438

Harmonies

Analogous

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



69.0980, 21.6437, 11.3151



67.2880, 10.2110, 38.3354



64.5100, -3.2094, 49.5417

Triad

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



67.2880, 10.2110, 38.3354



62.0310, -30.5813, 8.7428



59.0440, 23.1493, -51.7816

Complementary

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



67.2880, 10.2110, 38.3354



84.7120, -10.2110, -38.3354

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.



56.4390, 10.6296, -49.4970



67.2880, 10.2110, 38.3354



58.2110, -20.3170, -16.8480

Square

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



67.2880, 10.2110, 38.3354



64.3910, -29.7728, 29.4751



52.2040, -3.0586, -45.7829



58.7480, 32.1692, -51.5220

Rectangle

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



67.2880, 10.2110, 38.3354



64.6810, -12.6607, 47.6378



52.2040, -3.0586, -45.7829



58.6050, 18.9287, -51.3966

Sweetspot

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



67.2880, 10.2110, 38.3354



128.1250, 3.8824, 14.7994



55.5580, 27.3329, 6.5266



63.3370, 2.2989, 9.3515



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.



67.2880, 10.2110, 38.3354



76.3260, 16.1083, 60.2271



63.4120, -4.6401, 41.7347



52.2500, 0.8628, 3.2888



45.0000, 17.2550, 65.7750



92.7770, 36.0989, 135.2536

Inverse Universe

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



67.2880, 10.2110, 38.3354



76.3260, 16.1083, 60.2271



88.5880, 4.6401, -41.7347



52.2500, 0.8628, 3.2888



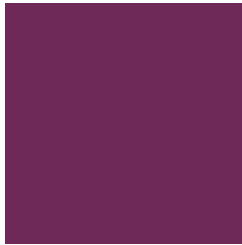
45.0000, 17.2550, 65.7750



92.7770, 36.0989, 135.2536

Previews

White Background



This preview shows how the YUV color 67.2880, 10.2110, 38.3354 looks on a white background.

Color Contrast Check

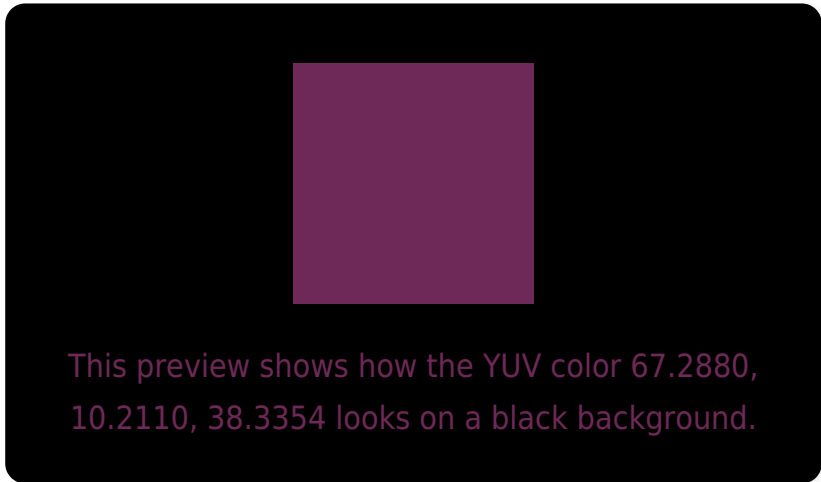
Large Text (above 18pt) WCAG AA ✓ Pass

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

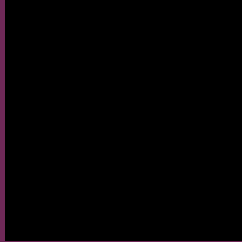
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.2880, 10.2110, 38.3354

Background



This preview shows how black text looks on a background with the YUV color 67.2880, 10.2110, 38.3354.



This preview shows how white text looks on a background with the YUV color 67.2880, 10.2110,

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

67.2880, 10.2110, 38.3354

Protanopia

67.4880, 19.9724, -12.7060

Deuteranopia

68.9380, 7.4256, -1.6996



Tritanopia

67.6840, -7.2392, 35.3571

Trichromacy



Original Color

67.2880, 10.2110, 38.3354

Protanomaly

67.6860, 16.4238, 5.5374

Deuteranomaly

68.5530, 8.1084, 12.6700

Tritanomaly

67.7040, -0.8401, 36.2166

Monochromacy



Original Color

67.2880, 10.2110, 38.3354

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.4130, 3.7404, 13.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2880, 10.2110, 38.3354 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, 41, 88)` looks like.

```
.text, #text, p{  
    color:rgb(111, 41, 88)  
}
```

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, 41, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 41, 88) }
```

Border

The CSS property to change the border of an element to YUV 67.2880, 10.2110, 38.3354 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, 41, 88) }
```


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

```
.border{ border-color:rgb(111, 41, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 41, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 41, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 41, 88);  
box-shadow:4px 4px 4px 4px rgb(111, 41,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 67.2880, 10.2110, 38.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 41, 88) }
```

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

```
.background{ background-color: rgb(111, 41,  
88) }
```

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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