

Converting Colors

YUV(67.4780, 8.6383, 29.3988)

Have a look what the booklet for
YUV(67.4780, 8.6383, 29.3988)
contains.

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Color

**YUV(67.4780, 8.6383,
29.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	652F55
RGB	101, 47, 85
RGB Percent	40%, 18%, 33%
CMY	0.6039, 0.8157, 0.6667
CMYK	0.00, 0.53, 0.16, 0.60
HSL	318°, 36%, 29%
HSV	318°, 53%, 40%
XYZ	8.0230, 5.4556, 9.2245
YIQ	67.4780, 19.9860, 23.2660

Conversions

Conversions Part 2

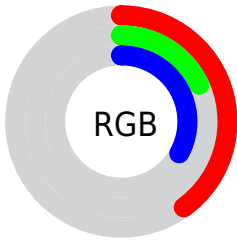
Format	Color
R _Y B	101, 47, 85
Decimal	6631253
CIE Lab	28.00, 29.70, -11.99
CIE LCh	28, 32.026, 338.021
Yxy	5.4556, 0.3534, 0.2403
Android (android.graphics.Color)	4284821333 (0xFF652F55)
YUV	67.4780, 8.6383, 29.3988
Hunter-Lab	23.3572, 20.4382, -7.0654

Details

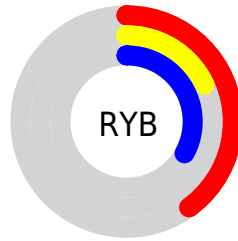
The YUV color **67.4780, 8.6383, 29.3988** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **80.5220, -8.6383, -29.3988**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9020, 8.9223, 31.6579**, and **20.1080, 9.8068, 27.9693** is the 20% darker color. If you saturate the color by 10%, you get **61.2660, 10.2219, 34.8467**, and if you desaturate by 10%, it is **73.6900, 7.0548, 23.9509**.

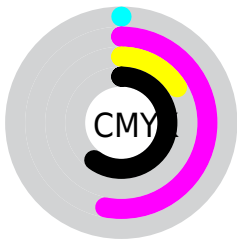
Distribution



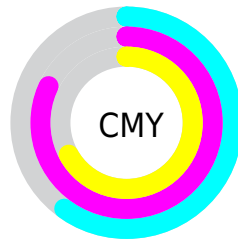
- Red (40%)
- Green (18%)
- Blue (33%)



- Red (40%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (53%)
- Yellow (16%)
- Black (60%)



- Cyan (60%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4780, 8.6383, 29.3988 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 67.4780, 8.6383, 29.3988 by changing the saturation by 10% instead.

67.4780, 8.6383,
29.3988

67.4780, 8.6383,
29.3988

255.0000, 0.0000,
0.0000

43.8800, 8.9332,
28.1692

116.9020, 8.9223,
31.6579

20.1080, 9.8068,
27.9693

143.5000, 8.6275,
32.8875

11.4350, 3.7295,
17.1585

170.2120, 8.7695,
34.0171

0.0000, 0.0000,
0.0000

197.6250, 9.0589,
34.5319

222.0480, 10.8223,
28.8989

240.3250, 7.2348,

12.8700

■ 67.4780, 8.6383,
29.3988

■ 67.4780, 8.6383,
29.3988

■ 61.2660, 10.2219,
34.8467

■ 73.6900, 7.0548,
23.9509

■ 55.0540, 11.8054,
40.2946

■ 79.9020, 5.4713,
18.5029

■ 48.8420, 13.3889,
45.7426

■ 86.1140, 3.8878,
13.0550

■ 42.6300, 14.9724,
51.1905

■ 92.3260, 2.3043,
7.6071

■ 38.2930, 16.1246,
54.9940

■ 99.1250, 0.4314,
1.6444

■ 105.3370, -1.1521,
-3.8035

■ 111.5490, -2.7357,
-9.2515

■ 117.7610, -4.3192,
-14.6994

■ 123.9730, -5.9027,
-20.1473

Harmonies

Analogous

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



68.1530, 18.1656, 6.8818



67.4780, 8.6383, 29.3988



65.2700, -2.5981, 40.1052

Triad

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



67.4780, 8.6383, 29.3988



62.6380, -24.4715, 9.0875



56.1430, 19.6495, -49.2374

Complementary

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



67.4780, 8.6383, 29.3988



80.5220, -8.6383, -29.3988

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.



53.9940, 8.8770, -47.3527



67.4780, 8.6383, 29.3988



59.7540, -17.1337, -11.1853

Square

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



67.4780, 8.6383, 29.3988



64.3180, -22.3418, 26.0311



50.5570, -1.7536, -44.3385



56.0920, 27.0696, -49.1927

Rectangle

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



67.4780, 8.6383, 29.3988



64.9080, -10.3076, 39.5457



50.5570, -1.7536, -44.3385



55.8180, 15.8657, -48.9524

Sweetspot

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



67.4780, 8.6383, 29.3988



116.9890, 3.4564, 11.4106



57.6410, 21.3760, 3.8228



58.6140, 2.1623, 6.4775



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



67.4780, 8.6383, 29.3988



78.4290, 13.0995, 45.2278



64.5140, -2.7184, 31.9982



47.8370, 0.5734, 2.7740



43.6190, 18.4288, 62.6011



91.7380, 38.5832, 131.7798

Inverse Universe

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



67.4780, 8.6383, 29.3988



78.4290, 13.0995, 45.2278



83.4860, 2.7184, -31.9982



47.8370, 0.5734, 2.7740



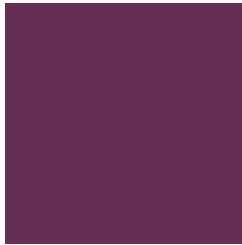
43.6190, 18.4288, 62.6011



91.7380, 38.5832, 131.7798

Previews

White Background



This preview shows how the YUV color 67.4780, 8.6383, 29.3988 looks on a white background.

Color Contrast Check

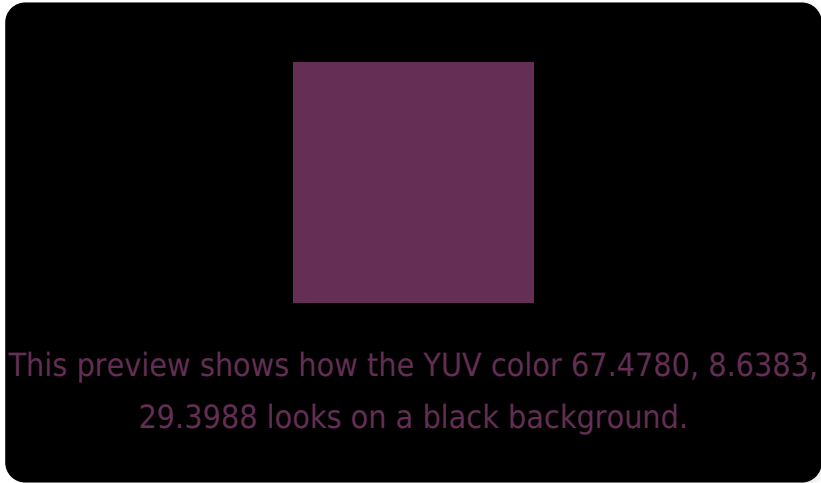
Large Text (above 18pt) WCAG AA ✓ Pass

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

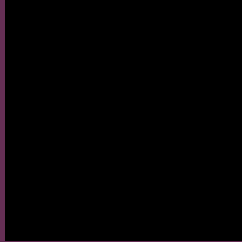
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.4780, 8.6383, 29.3988

Background



This preview shows how black text looks on a background with the YUV color 67.4780, 8.6383, 29.3988.



This preview shows how white text looks on a background with the YUV color 67.4780, 8.6383,

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

67.4780, 8.6383, 29.3988

Protanopia

66.4730, 16.0358, -10.0618

Deuteranopia

67.2370, 7.2782, -1.0848



Tritanopia

66.9110, -4.8861, 27.2651

Trichromacy



Original Color

67.4780, 8.6383, 29.3988

Protanomaly

66.8770, 13.3716, 4.4929

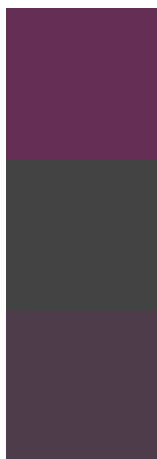
Deuteranomaly

67.1290, 7.8244, 10.4109

Tritanomaly

67.1760, -0.0868, 27.9096

Monochromacy



Original Color

67.4780, 8.6383, 29.3988

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2770, 3.3144, 10.2811

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4780, 8.6383, 29.3988 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(101, 47, 85)` looks like.

```
.text, #text, p{  
    color:rgb(101, 47, 85)  
}
```

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(101, 47, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 47, 85) }
```

Border

The CSS property to change the border of an element to YUV 67.4780, 8.6383, 29.3988 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(101, 47, 85) }
```


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

```
.border{ border-color:rgb(101, 47, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 47, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 47, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 47, 85);  
box-shadow:4px 4px 4px 4px rgb(101, 47,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 67.4780, 8.6383, 29.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 47, 85) }
```

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

```
.background{ background-color: rgb(101, 47,  
85) }
```

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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