

Converting Colors

YUV(86.4270, 16.0585, 29.4435)

Have a look what the booklet for
YUV(86.4270, 16.0585, 29.4435)
contains.

YUV(86.4270, 16.0585, 29.4435)	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(86.4270, 16.0585,
29.4435)**

Conversions

Conversions Part 1

Format	Color
Hex	783F77
RGB	120, 63, 119
RGB Percent	47%, 25%, 47%
CMY	0.5294, 0.7529, 0.5333
CMYK	0.00, 0.47, 0.01, 0.53
HSL	301°, 31%, 36%
HSV	301°, 48%, 47%
XYZ	12.8530, 8.8800, 18.4893
YIQ	86.4270, 15.9960, 29.5000

Conversions

Conversions Part 2

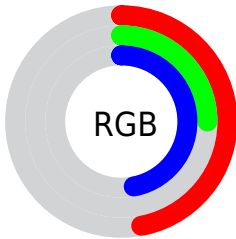
Format	Color
R_{YB}	120, 63, 119
Decimal	7880567
CIE _{Lab}	35.75, 33.57, -21.52
CIE _{LCh}	36, 39.878, 327.334
Yxy	8.8800, 0.3195, 0.2208
Android (android.graphics.Color)	4286070647 (0xFF783F77)
YUV	86.4270, 16.0585, 29.4435
Hunter-Lab	29.7993, 24.8416, -15.9277




Details

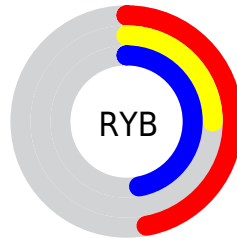
The YUV color **86.4270, 16.0585, 29.4435** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96.5730, -16.0585, -29.4435**, and the grayscale version is **86.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **137.8510, 16.3425, 31.7027**, and **36.8290, 16.3533, 28.2140** is the 20% darker color. If you saturate the color by 10%, you get **79.3830, 19.5312, 35.6211**, and if you desaturate by 10%, it is **93.4710, 12.5858, 23.2659**.

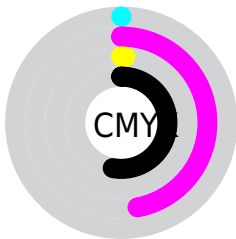
Distribution







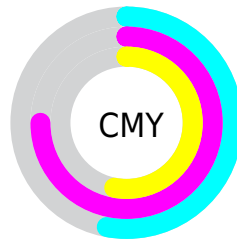
-  Red (47%)
-  Green (25%)
-  Blue (47%)






-  Red (47%)
-  Yellow (25%)
-  Blue (47%)



-  Cyan (0%)
-  Magenta (47%)
-  Yellow (1%)
-  Black (53%)



-  Cyan (53%)
-  Magenta (75%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4270, 16.0585, 29.4435 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 86.4270, 16.0585, 29.4435 by changing the saturation by 10% instead.

86.4270, 16.0585,
29.4435

86.4270, 16.0585,
29.4435

255.0000, 0.0000,
0.0000

61.7150, 15.9165,
28.3139

137.8510, 16.3425,
31.7027

36.8290, 16.3533,
28.2140

164.6770, 16.9212,
32.7323

19.2260, 14.1856,
23.4808

192.0900, 17.2106,
33.2471

9.0580, 8.8454,
9.5961

218.6060, 17.9422,
31.9175

0.0000, 0.0000,
0.0000

235.0420, 9.8393,
17.5032

252.0650, 1.4470,

2.5740

■ 86.4270, 16.0585,
29.4435

■ 86.4270, 16.0585,
29.4435

■ 79.3830, 19.5312,
35.6211

■ 93.4710, 12.5858,
23.2659

■ 72.3390, 23.0039,
41.7987

■ 100.5150, 9.1131,
17.0883

■ 65.1810, 26.0398,
48.0763

■ 107.6730, 6.0772,
10.8108

■ 58.1370, 29.5125,
54.2539

■ 114.7170, 2.6045,
4.6332

■ 51.0930, 32.9852,
60.4314

■ 121.7610, -0.8682,
-1.5444

■ 49.3320, 33.8533,
61.9758

■ 128.8050, -4.3409,
-7.7220

■ 135.8490, -7.8136,
-13.8996

■ 143.0070,
-10.8495, -20.1771

■ 150.0510,
-14.3221, -26.3547

Harmonies

Analogous

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



84.8940, 27.6603, -5.1690



86.4270, 16.0585, 29.4435



83.2910, 2.3215, 48.8568

Triad

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



86.4270, 16.0585, 29.4435



80.4130, -33.2346, 19.8088



70.9950, 20.7085, -62.2626

Complementary

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



86.4270, 16.0585, 29.4435



96.5730, -16.0585, -29.4435

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.



67.2330, 6.2941, -58.9633



86.4270, 16.0585, 29.4435



77.4530, -27.3383, -4.7823

Square

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



86.4270, 16.0585, 29.4435



81.8960, -25.5847, 39.5562



69.5980, -10.6478, -38.2354



71.9700, 32.0598, -63.1177

Rectangle

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



86.4270, 16.0585, 29.4435



82.3810, -7.5828, 52.2859



69.5980, -10.6478, -38.2354



69.7410, 15.9037, -61.1629

Sweetspot

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



86.4270, 16.0585, 29.4435



142.9720, 5.9298, 11.4256



69.7970, 24.7501, -5.0840



71.3690, 3.7621, 6.6924



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



86.4270, 16.0585, 29.4435



103.5290, 24.8822, 46.0171



83.2350, 3.8281, 32.2429



57.4780, 1.7363, 3.0888



51.3970, 35.3003, 64.5498



103.6200, 71.1793, 130.1293

Inverse Universe

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



86.4270, 16.0585, 29.4435



103.5290, 24.8822, 46.0171



99.7650, -3.8281, -32.2429



57.4780, 1.7363, 3.0888



51.3970, 35.3003, 64.5498



103.6200, 71.1793, 130.1293

Previews

White Background



This preview shows how the YUV color 86.4270, 16.0585, 29.4435 looks on a white background.

Color Contrast Check

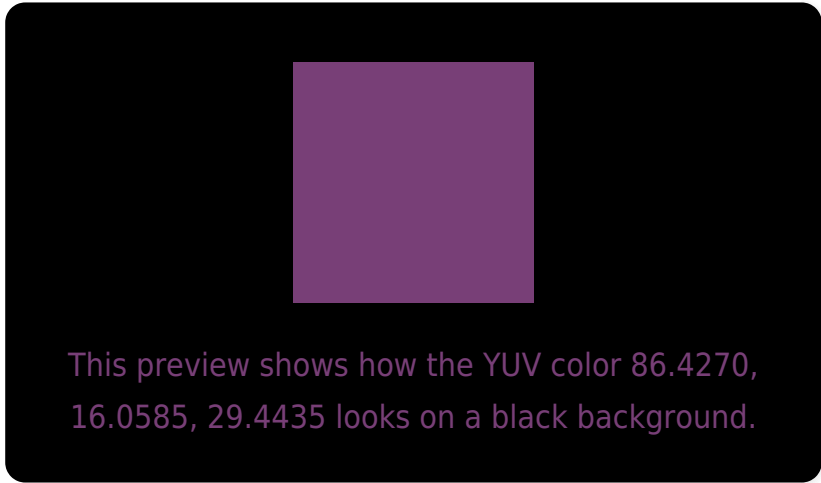
Large Text (above 18pt) WCAG AA ✓ Pass

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

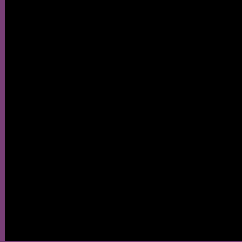
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.4270, 16.0585, 29.4435

Background



This preview shows how black text looks on a background with the YUV color 86.4270, 16.0585, 29.4435.



This preview shows how white text looks on a background with the YUV color 86.4270, 16.0585,

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

86.4270, 16.0585, 29.4435

Protanopia

83.3610, 25.9510, -16.9796

Deuteranopia

84.2560, 15.1568, -8.1175



Tritanopia

86.1280, -4.0071, 25.3207

Trichromacy



Original Color

86.4270, 16.0585, 29.4435

Protanomaly

84.5480, 22.4078, -0.4806

Deuteranomaly

85.0450, 15.2608, 5.2225

Tritanomaly

86.0880, 3.4076, 27.1098

Monochromacy



Original Color

86.4270, 16.0585, 29.4435

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2600, 5.7878, 10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4270, 16.0585, 29.4435 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(120, 63, 119)` looks like.

```
.text, #text, p{  
    color:rgb(120, 63, 119)  
}
```

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(120, 63, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 63, 119) }
```

Border

The CSS property to change the border of an element to YUV 86.4270, 16.0585, 29.4435 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(120, 63, 119) }
```


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

```
.border{ border-color:rgb(120, 63, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 63, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 63, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 63, 119);  
box-shadow:4px 4px 4px 4px rgb(120, 63,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 86.4270, 16.0585, 29.4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 63, 119) }
```

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

```
.background{ background-color: rgb(120, 63,  
119) }
```

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