

Converting Colors

YUV(86.8880, 0.0552, 29.0392)

Have a look what the booklet for
YUV(86.8880, 0.0552, 29.0392)
contains.

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Color

**YUV(86.8880, 0.0552,
29.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	784657
RGB	120, 70, 87
RGB Percent	47%, 27%, 34%
CMY	0.5294, 0.7255, 0.6588
CMYK	0.00, 0.42, 0.27, 0.53
HSL	340°, 26%, 37%
HSV	340°, 42%, 47%
XYZ	11.6562, 9.0615, 10.1515
YIQ	86.8880, 24.3430, 15.8870

Conversions

Conversions Part 2

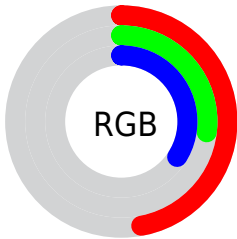
Format	Color
R_{YB}	120, 70, 87
Decimal	7882327
CIE Lab	36.10, 23.83, -0.86
CIE LCh	36, 23.850, 357.941
Yxy	9.0615, 0.3776, 0.2935
Android (android.graphics.Color)	4286072407 (0xFF784657)
YUV	86.8880, 0.0552, 29.0392
Hunter-Lab	30.1023, 16.4394, 1.0771

Details

The YUV color **86.8880, 0.0552, 29.0392** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **103.1120, -0.0552, -29.0392**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4970, -0.2450, 32.0131**, and **39.8060, 1.0816, 26.4801** is the 20% darker color. If you saturate the color by 10%, you get **78.9320, 0.0335, 36.0166**, and if you desaturate by 10%, it is **94.8440, 0.0769, 22.0618**.

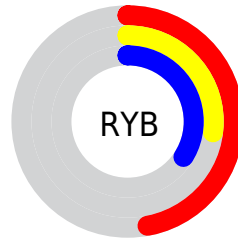
Distribution



Red (47%)

Green (27%)

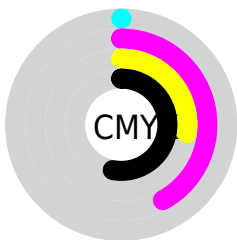
Blue (34%)



Red (47%)

Yellow (27%)

Blue (34%)

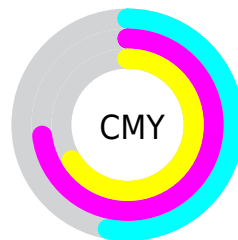


Cyan (0%)

Magenta (42%)

Yellow (27%)

Black (53%)



Cyan (53%)

Magenta (73%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8880, 0.0552, 29.0392 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 86.8880, 0.0552, 29.0392 by changing the saturation by 10% instead.

86.8880, 0.0552,
29.0392

86.8880, 0.0552,
29.0392

255.0000, 0.0000,
0.0000

62.9910, 0.4974,
27.1949

137.4970, -0.2450,
32.0131

39.8060, 1.0816,
26.4801

163.7960, -0.3924,
32.6279

17.3220, 1.8133,
25.1506

191.3940, -0.6872,
33.8575

5.0830, -2.5059,
10.4512

218.4970, -0.2450,
32.0131

0.0000, 0.0000,
0.0000

238.1250, 3.8824,
14.7994

86.8880, 0.0552,
29.0392

86.8880, 0.0552,
29.0392

78.9320, 0.0335,
36.0166

94.8440, 0.0769,
22.0618

70.9760, 0.0118,
42.9940

102.8000, 0.0986,
15.0844

63.0200, -0.0099,
49.9715

110.7560, 0.1203,
8.1070

55.0640, -0.0316,
56.9489

118.7120, 0.1420,
1.1296

47.1080, -0.0532,
63.9263

126.6680, 0.1637,
-5.8478

40.5540, 0.2199,
69.6741

134.6240, 0.1854,
-12.8252

142.4660, -0.2297,
-19.7027

150.4220, -0.2080,

-26.6801

■ 158.3780, -0.1864,
-33.6575

Harmonies

Analogous

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



87.7000, 8.5289, 17.8031



86.8880, 0.0552, 29.0392



85.9070, -8.8282, 31.6536

Triad

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



86.8880, 0.0552, 29.0392



81.5640, -15.5611, -2.2486



71.8270, 22.2703, -49.8373

Complementary

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



86.8880, 0.0552, 29.0392



103.1120, -0.0552, -29.0392

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.



67.3930, 17.0613, -59.1037



86.8880, 0.0552, 29.0392



78.6310, -7.2131, -19.8474

Square

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



86.8880, 0.0552, 29.0392



83.5660, -18.5200, 13.5356



73.8980, 4.4873, -39.3755



81.2370, 20.5892, -23.8868

Rectangle

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



86.8880, 0.0552, 29.0392



85.5060, -14.0535, 27.6202



73.8980, 4.4873, -39.3755



67.4730, 22.4448, -59.1738

Sweetspot

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



86.8880, 0.0552, 29.0392



142.0770, -0.0380, 12.2105



85.5670, 16.9755, 15.2887



70.4570, 0.2677, 7.4922



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.



86.8880, 0.0552, 29.0392



104.2860, -0.1410, 45.3532



89.6460, -9.6855, 26.6205



57.0220, -0.0108, 3.4887



42.1630, -0.0804, 72.6480



85.1520, 0.4181, 146.3257

Inverse Universe

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



86.8880, 0.0552, 29.0392



104.2860, -0.1410, 45.3532



100.3540, 9.6855, -26.6205



57.0220, -0.0108, 3.4887



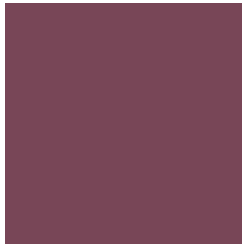
42.1630, -0.0804, 72.6480



85.1520, 0.4181, 146.3257

Previews

White Background



This preview shows how the YUV color 86.8880, 0.0552, 29.0392 looks on a white background.

Color Contrast Check

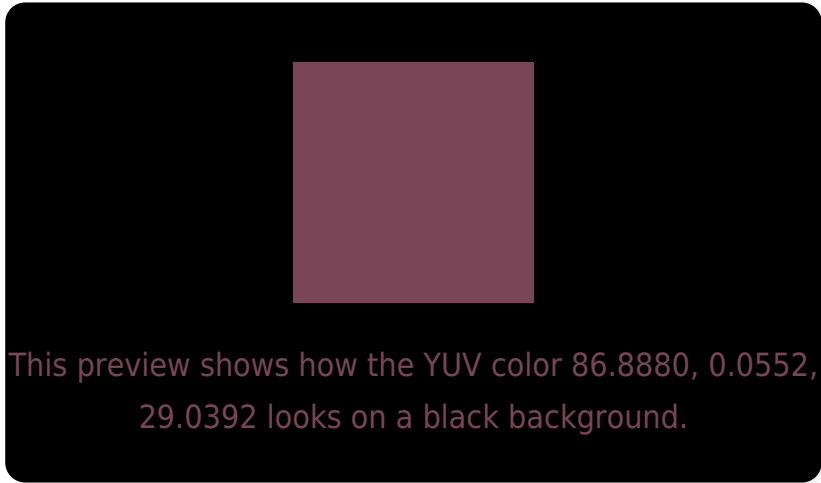
Large Text (above 18pt) WCAG AA ✓ Pass

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

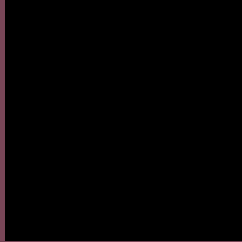
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.8880, 0.0552, 29.0392

Background



This preview shows how black text looks on a background with the YUV color 86.8880, 0.0552, 29.0392.



This preview shows how white text looks on a background with the YUV color 86.8880, 0.0552,

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

86.8880, 0.0552, 29.0392

Protanopia

85.9550, 4.9522, -1.7145

Deuteranopia

86.5170, -0.7479, 6.5626



Tritanopia

86.6230, -4.7441, 28.3946

Trichromacy



Original Color

86.8880, 0.0552, 29.0392

Protanomaly

86.5650, 3.1725, 9.1515

Deuteranomaly

86.3870, -0.1908, 14.5696

Tritanomaly

86.4920, -2.7076, 28.5095

Monochromacy



Original Color

86.8880, 0.0552, 29.0392

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0660, -0.0325, 10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8880, 0.0552, 29.0392 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, 70, 87)` looks like.

```
.text, #text, p{  
    color:rgb(120, 70, 87)  
}
```

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, 70, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 70, 87) }
```

Border

The CSS property to change the border of an element to YUV 86.8880, 0.0552, 29.0392 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, 70, 87) }
```


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

```
.border{ border-color:rgb(120, 70, 87) }
```

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

Here you see how a box with a 4 pixel rgb(120, 70, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 70, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 70, 87);  
box-shadow:4px 4px 4px 4px rgb(120, 70,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 86.8880, 0.0552, 29.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 70, 87) }
```

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

```
.background{ background-color: rgb(120, 70,  
87) }
```

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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