

Converting Colors

YUV(85.2900, 0.3500, 27.8097)

Have a look what the booklet for
YUV(85.2900, 0.3500, 27.8097)
contains.

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Color

**YUV(85.2900, 0.3500,
27.8097)**

Conversions

Conversions Part 1

Format	Color
Hex	754556
RGB	117, 69, 86
RGB Percent	46%, 27%, 34%
CMY	0.5412, 0.7294, 0.6627
CMYK	0.00, 0.41, 0.26, 0.54
HSL	339°, 26%, 36%
HSV	339°, 41%, 46%
XYZ	11.1440, 8.7100, 9.8980
YIQ	85.2900, 23.1510, 15.4630

Conversions

Conversions Part 2

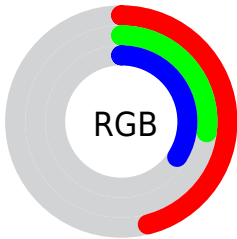
Format	Color
R_{YB}	117, 69, 86
Decimal	7685462
CIE Lab	35.42, 23.08, -1.27
CIE LCh	35, 23.118, 356.845
Yxy	8.7100, 0.3746, 0.2928
Android (android.graphics.Color)	4285875542 (0xFF754556)
YUV	85.2900, 0.3500, 27.8097
Hunter-Lab	29.5128, 15.7538, 0.7743

Details

The YUV color **85.2900, 0.3500, 27.8097** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **100.7100, -0.3500, -27.8097**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6000, 0.1972, 30.1688**, and **38.7950, 1.0871, 24.7358** is the 20% darker color. If you saturate the color by 10%, you get **77.3340, 0.3283, 34.7871**, and if you desaturate by 10%, it is **93.2460, 0.3717, 20.8323**.

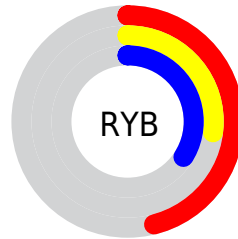
Distribution



Red (46%)

Green (27%)

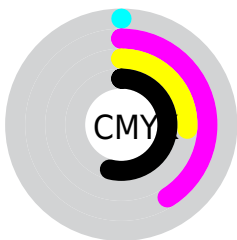
Blue (34%)



Red (46%)

Yellow (27%)

Blue (34%)

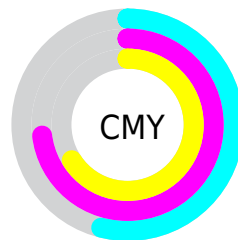


Cyan (0%)

Magenta (41%)

Yellow (26%)

Black (54%)



Cyan (54%)

Magenta (73%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.2900, 0.3500, 27.8097 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 85.2900, 0.3500, 27.8097 by changing the saturation by 10% instead.

85.2900, 0.3500,
27.8097

85.2900, 0.3500,
27.8097

255.0000, 0.0000,
0.0000

61.6920, 0.6448,
26.5801

135.6000, 0.1972,
30.1688

38.7950, 1.0871,
24.7358

162.1980, -0.0976,
31.3984

16.1370, 2.3975,
24.4359

189.4970, -0.2450,
32.0131

2.6910, -1.3267,
5.5330

217.2090, -0.1030,
33.1427

0.0000, 0.0000,
0.0000

236.8370, 4.0244,
15.9290

■ 85.2900, 0.3500,
27.8097

■ 85.2900, 0.3500,
27.8097

■ 77.3340, 0.3283,
34.7871

■ 93.2460, 0.3717,
20.8323

■ 70.0790, 0.4541,
41.1497

■ 100.5010, 0.2460,
14.4696

■ 62.1230, 0.4324,
48.1271

■ 108.4570, 0.2677,
7.4922

■ 54.2810, 0.8475,
55.0046

■ 116.2990, -0.1474,
0.6148

■ 46.9120, 0.5364,
61.4672

■ 124.2550, -0.1257,
-6.3626

■ 39.6570, 0.6621,
67.8298

■ 131.5100, -0.2514,
-12.7253

■ 139.4660, -0.2297,
-19.7027

■ 147.3080, -0.6448,

-26.5801

■ 154.6770, -0.3338,
-33.0427

Harmonies

Analogous

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



86.1020, 8.8237, 16.5735



85.2900, 0.3500, 27.8097



84.4230, -8.0965, 30.3240

Triad

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



85.2900, 0.3500, 27.8097



80.0910, -14.8349, -1.8338



70.9090, 21.2439, -47.2782

Complementary

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



85.2900, 0.3500, 27.8097



100.7100, -0.3500, -27.8097

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.



66.1760, 16.1822, -57.1594



85.2900, 0.3500, 27.8097



77.5280, -7.6553, -18.0031

Square

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



85.2900, 0.3500, 27.8097



82.3810, -17.9358, 12.8209



73.0940, 3.8977, -36.9164



80.0090, 19.7156, -23.6869

Rectangle

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



85.2900, 0.3500, 27.8097



83.7340, -13.1799, 27.4203



73.0940, 3.8977, -36.9164



67.1530, 21.1236, -55.3852

Sweetspot

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



85.2900, 0.3500, 27.8097



141.0660, -0.0325, 10.4661



83.4420, 16.5441, 13.6444



69.7450, 0.1257, 6.3626



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



85.2900, 0.3500, 27.8097



103.5030, 0.7380, 43.4089



86.8740, -8.8119, 26.4205



55.0220, -0.0108, 3.4887



41.3800, 0.7987, 70.7037



84.8960, 2.0233, 144.7962

Inverse Universe

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



85.2900, 0.3500, 27.8097



103.5030, 0.7380, 43.4089



99.1260, 8.8119, -26.4205



55.0220, -0.0108, 3.4887



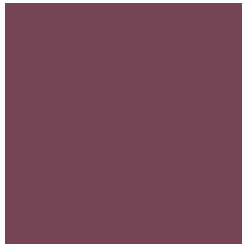
41.3800, 0.7987, 70.7037



84.8960, 2.0233, 144.7962

Previews

White Background



This preview shows how the YUV color 85.2900, 0.3500, 27.8097 looks on a white background.

Color Contrast Check

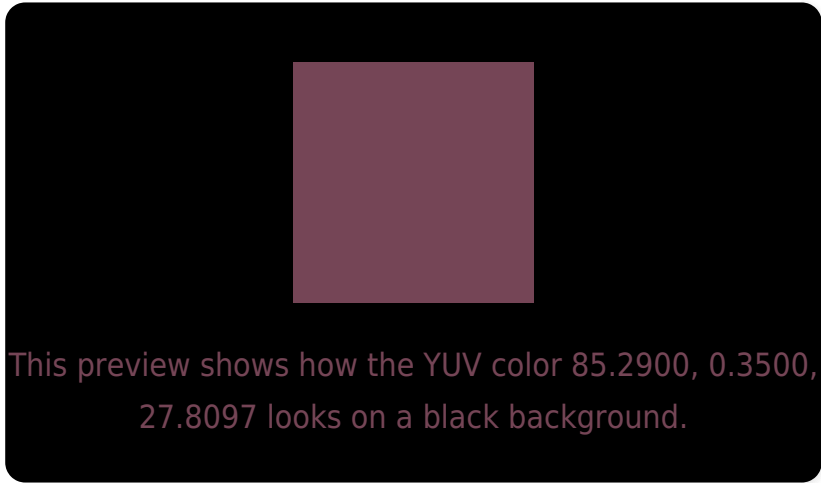
Large Text (above 18pt) WCAG AA ✓ Pass

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

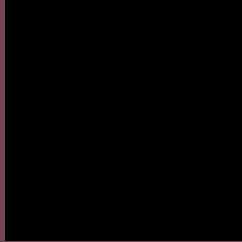
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.2900, 0.3500, 27.8097

Background



This preview shows how black text looks on a background with the YUV color 85.2900, 0.3500, 27.8097.



This preview shows how white text looks on a background with the YUV color 85.2900, 0.3500,

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

85.2900, 0.3500, 27.8097

Protanopia

84.0690, 5.3890, -1.8145

Deuteranopia

84.6310, -0.3111, 6.4626



Tritanopia

85.0250, -4.4493, 27.1651

Trichromacy



Original Color

85.2900, 0.3500, 27.8097

Protanomaly

84.6790, 3.6093, 9.0515

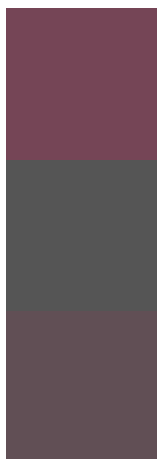
Deuteranomaly

85.0880, -0.0434, 13.9548

Tritanomaly

84.8940, -2.4127, 27.2800

Monochromacy



Original Color

85.2900, 0.3500, 27.8097

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0660, -0.0325, 10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2900, 0.3500, 27.8097 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(117, 69, 86)` looks like.

```
.text, #text, p{  
    color:rgb(117, 69, 86)  
}
```

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(117, 69, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 69, 86) }
```

Border

The CSS property to change the border of an element to YUV 85.2900, 0.3500, 27.8097 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(117, 69, 86) }
```


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

```
.border{ border-color:rgb(117, 69, 86) }
```

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

Here you see how a box with a 4 pixel rgb(117, 69, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 69, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 69, 86);  
box-shadow:4px 4px 4px 4px rgb(117, 69,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 85.2900, 0.3500, 27.8097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 69, 86) }
```

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

```
.background{ background-color: rgb(117, 69,  
86) }
```

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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