

Converting Colors

YUV(85.8670, 35.5616, 27.3036)

Have a look what the booklet for
YUV(85.8670, 35.5616, 27.3036)
contains.

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Color

**YUV(85.8670, 35.5616,
27.3036)**

Conversions

Conversions Part 1

Format	Color
Hex	75389E
RGB	117, 56, 158
RGB Percent	46%, 22%, 62%
CMY	0.5412, 0.7804, 0.3804
CMYK	0.26, 0.65, 0.00, 0.38
HSL	276°, 48%, 42%
HSV	276°, 65%, 62%
XYZ	14.9218, 9.0789, 33.3137
YIQ	85.8670, 3.6140, 44.6540

Conversions

Conversions Part 2

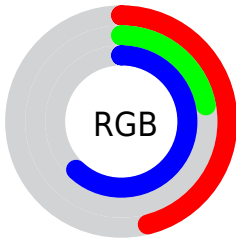
Format	Color
R_{YB}	117, 56, 158
Decimal	7682206
CIE _{Lab}	36.14, 45.01, -44.88
CIE _{LCh}	36, 63.559, 315.083
Yxy	9.0789, 0.2604, 0.1584
Android (android.graphics.Color)	4285872286 (0xFF75389E)
YUV	85.8670, 35.5616, 27.3036
Hunter-Lab	30.1312, 35.6689, -44.4605

Details

The YUV color **85.8670, 35.5616, 27.3036** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **128.1330, -35.5616, -27.3036**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5190, 36.7191, 29.3628**, and **31.2200, 36.8665, 28.7481** is the 20% darker color. If you saturate the color by 10%, you get **74.6810, 41.0763, 31.8518**, and if you desaturate by 10%, it is **97.0530, 30.0469, 22.7555**.

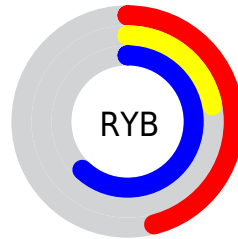
Distribution



Red (46%)

Green (22%)

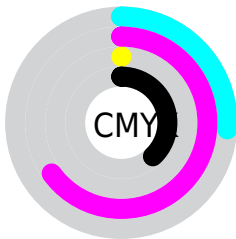
Blue (62%)



Red (46%)

Yellow (22%)

Blue (62%)

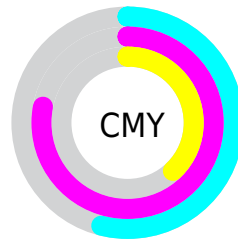


Cyan (26%)

Magenta (65%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (78%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.8670, 35.5616, 27.3036 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 85.8670, 35.5616, 27.3036 by changing the saturation by 10% instead.

85.8670, 35.5616,
27.3036

85.8670, 35.5616,
27.3036

255.0000, 0.0000,
0.0000

59.4540, 35.2722,
26.7888

138.5190, 36.7191,
29.3628

31.2200, 36.8665,
28.7481

165.4590, 37.7347,
30.2925

20.2970, 29.9266,
14.6485

191.4610, 31.3247,
32.9217

9.4880, 23.4234,
0.4490

215.0840, 19.6786,
35.0063

5.1640, 14.7091,
-4.5288

232.1070, 11.2862,
20.0772

1.0260, 3.9312,
-0.8998

248.5430, 3.1833,

0.0000, 0.0000,

5.6628

0.0000

■ 85.8670, 35.5616,
27.3036

■ 85.8670, 35.5616,
27.3036

■ 74.6810, 41.0763,
31.8518

■ 97.0530, 30.0469,
22.7555

■ 63.1960, 46.7384,
35.7851

■ 108.5380, 24.3848,
18.8222

■ 52.5970, 51.9637,
39.8184

■ 119.1370, 19.1595,
14.7889

■ 46.1180, 55.1578,
41.9925

■ 130.3230, 13.6448,
10.2407

■ 141.8080, 7.9827,
6.3074

■ 152.9940, 2.4680,
1.7593

■ 164.1800, -3.0467,
-2.7889

■ 175.0780, -8.4195,
-6.2074

■ 186.2640,
-13.9342, -10.7555

Harmonies

Analogous

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



69.8110, 56.7882, -61.2242



85.8670, 35.5616, 27.3036



69.2390, 21.5742, 80.4744

Triad

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



85.8670, 35.5616, 27.3036



80.2260, -39.5514, 39.2668



74.7620, 17.3723, -65.5663

Complementary

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



85.8670, 35.5616, 27.3036



128.1330, -35.5616, -27.3036

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.



68.1330, -5.4886, -59.7526



85.8670, 35.5616, 27.3036



77.6360, -38.2745, 2.9502

Square

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



85.8670, 35.5616, 27.3036



74.3840, -32.2343, 72.4542



58.7000, -28.9391, -51.4799



79.5330, 38.1912, -69.7504

Rectangle

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



85.8670, 35.5616, 27.3036



60.1350, 9.3004, 97.2286



58.7000, -28.9391, -51.4799



72.8240, 9.9468, -63.8666

Sweetspot

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



85.8670, 35.5616, 27.3036



178.7360, 13.9342, 10.7555



92.8690, 32.1096, -32.3341



87.9220, 8.4195, 6.2074



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



85.8670, 35.5616, 27.3036



94.5310, 55.4472, 42.5073



97.2140, 26.0235, 53.3093



73.4070, 2.7573, 2.2741



41.7170, 49.9325, 37.9592



4.4010, 5.2253, 4.0333

Inverse Universe

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



91.1720, 2.8732, 58.6082



102.7230, 4.0806, 91.4509



116.7860, -26.0235, -53.3093



73.7340, 0.1311, 4.6183



49.2550, 3.8183, 82.2144



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 85.8670, 35.5616, 27.3036 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



This preview shows how the YUV color 85.8670, 35.5616, 27.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

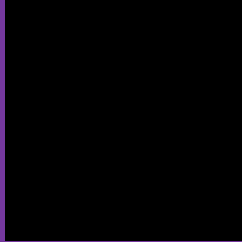
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.8670, 35.5616, 27.3036

Background



This preview shows how black text looks on a background with the YUV color 85.8670, 35.5616, 27.3036.



This preview shows how white text looks on a background with the YUV color 85.8670, 35.5616,

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

85.8670, 35.5616, 27.3036

Protanopia

68.0840, 52.7096, -59.7097

Deuteranopia

75.5730, 37.6785, -45.2295



Tritanopia

86.7570, -1.3592, 15.9991

Trichromacy



Original Color

85.8670, 35.5616, 27.3036

Protanomaly

74.9740, 46.3548, -28.0412

Deuteranomaly

79.5100, 36.7236, -18.8643

Tritanomaly

86.3350, 12.1598, 19.8772

Monochromacy



Original Color

85.8670, 35.5616, 27.3036

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7960, 12.9186, 9.8259

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8670, 35.5616, 27.3036 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, 56, 158)` looks like.

```
.text, #text, p{  
    color:rgb(117, 56, 158)  
}
```

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, 56, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 56, 158) }
```

Border

The CSS property to change the border of an element to YUV 85.8670, 35.5616, 27.3036 is called "border". The border property can be set on classes, ids or directly on the HTML element.

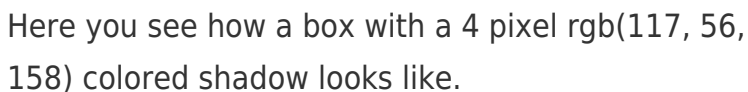
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 56, 158) }
```


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

```
.border{ border-color:rgb(117, 56, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 56, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 56, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 56, 158); box-shadow:4px 4px 4px 4px rgb(117, 56, 158) }
```

Background

The CSS property to change the background color of an element to YUV 85.8670, 35.5616, 27.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 56, 158) }
```

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

```
.background{ background-color: rgb(117, 56,  
158) }
```

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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