

Converting Colors

YUV(85.0770, 6.8640, 38.5205)

Have a look what the booklet for
YUV(85.0770, 6.8640, 38.5205)
contains.

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Color

**YUV(85.0770, 6.8640,
38.5205)**

Conversions

Conversions Part 1

Format	Color
Hex	813C63
RGB	129, 60, 99
RGB Percent	51%, 24%, 39%
CMY	0.4941, 0.7647, 0.6118
CMYK	0.00, 0.53, 0.23, 0.49
HSL	326°, 37%, 37%
HSV	326°, 53%, 51%
XYZ	12.9213, 8.7997, 12.8219
YIQ	85.0770, 28.6050, 26.7570

Conversions

Conversions Part 2

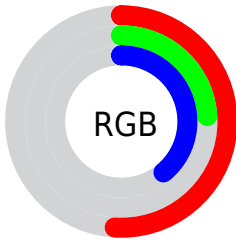
Format	Color
R_{YB}	129, 60, 99
Decimal	8469603
CIE Lab	35.60, 34.70, -9.07
CIE LCh	36, 35.865, 345.348
Yxy	8.7997, 0.3741, 0.2547
Android (android.graphics.Color)	4286659683 (0xFF813C63)
YUV	85.0770, 6.8640, 38.5205
Hunter-Lab	29.6643, 25.8390, -4.8621

Details

The YUV color **85.0770, 6.8640, 38.5205** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **103.9230, -6.8640, -38.5205**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6860, 6.5638, 41.4944**, and **34.2340, 8.7586, 37.5058** is the 20% darker color. If you saturate the color by 10%, you get **76.7620, 8.0053, 45.8127**, and if you desaturate by 10%, it is **93.3920, 5.7227, 31.2282**.

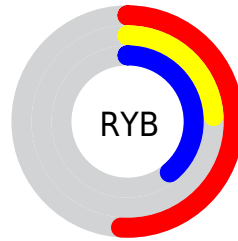
Distribution



Red (51%)

Green (24%)

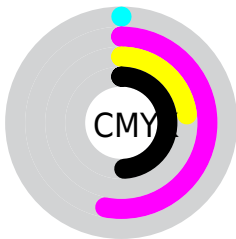
Blue (39%)



Red (51%)

Yellow (24%)

Blue (39%)

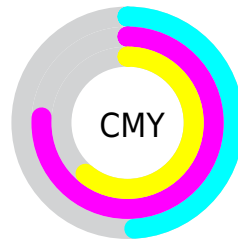


Cyan (0%)

Magenta (53%)

Yellow (23%)

Black (49%)



Cyan (49%)

Magenta (76%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0770, 6.8640, 38.5205 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 85.0770, 6.8640, 38.5205 by changing the saturation by 10% instead.

85.0770, 6.8640,
38.5205

85.0770, 6.8640,
38.5205

255.0000, 0.0000,
0.0000

60.4790, 7.1589,
37.2909

136.6860, 6.5638,
41.4944

34.2340, 8.7586,
37.5058

163.2840, 6.2690,
42.7239

19.3810, 5.7282,
29.4839

190.9960, 6.4110,
43.8535

8.8280, -2.3802,
16.8138

214.2230, 8.7641,
35.7614

0.0000, 0.0000,
0.0000

233.8680, 10.4181,
18.5328

250.3040, 2.3151,

4.1184

■ 85.0770, 6.8640,
38.5205

■ 85.0770, 6.8640,
38.5205

■ 76.7620, 8.0053,
45.8127

■ 93.3920, 5.7227,
31.2282

■ 68.5610, 9.5834,
53.0050

■ 101.5930, 4.1447,
24.0359

■ 60.2460, 10.7247,
60.2973

■ 109.9080, 3.0034,
16.7437

■ 52.0450, 12.3028,
67.4895

■ 118.1090, 1.4253,
9.5514

■ 46.8930, 12.8708,
72.0078

■ 126.4240, 0.2840,
2.2592

■ 134.1520, -0.5679,
-4.5183

■ 142.3530, -2.1460,
-11.7106

■ 150.6680, -3.2873,
-19.0028

■ 158.8690, -4.8654,
-26.1951

Harmonies

Analogous

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



86.3220, 18.5753, 15.5036



85.0770, 6.8640, 38.5205



82.9890, -6.4036, 47.3676

Triad

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



85.0770, 6.8640, 38.5205



79.2200, -27.2235, 5.0691



70.4880, 26.3814, -61.8180

Complementary

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



85.0770, 6.8640, 38.5205



103.9230, -6.8640, -38.5205

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.



68.6980, 14.4459, -60.2481



85.0770, 6.8640, 38.5205



75.1120, -16.8172, -19.3922

Square

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



85.0770, 6.8640, 38.5205



81.3520, -27.2885, 26.0013



64.6910, 1.6313, -56.7340



69.2630, 34.3803, -60.7437

Rectangle

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



85.0770, 6.8640, 38.5205



82.6760, -15.1233, 44.1341



64.6910, 1.6313, -56.7340



70.1630, 22.5976, -61.5330

Sweetspot

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



85.0770, 6.8640, 38.5205



150.8970, 3.0088, 14.9993



76.8360, 25.7169, 11.5448



73.8100, 1.5727, 8.9366



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



85.0770, 6.8640, 38.5205



99.8330, 10.4353, 59.7825



81.2010, -7.9871, 41.9197



59.5490, 0.7153, 3.9035



46.4800, 12.5814, 71.4930



0.0000, 0.0000, 0.0000

Inverse Universe

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



85.0770, 6.8640, 38.5205



99.8330, 10.4353, 59.7825



107.7990, 7.9871, -41.9197



59.5490, 0.7153, 3.9035



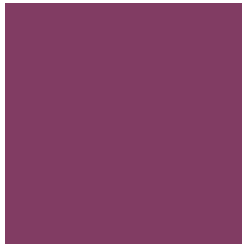
46.4800, 12.5814, 71.4930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 85.0770, 6.8640, 38.5205 looks on a white background.

Color Contrast Check

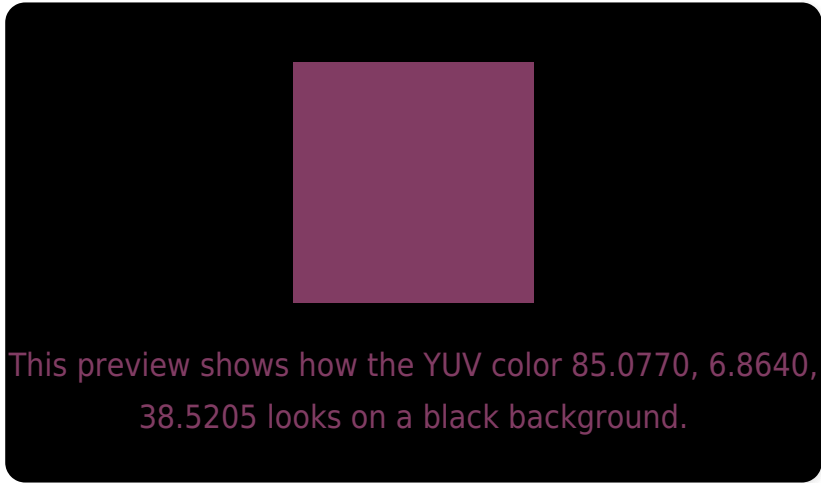
Large Text (above 18pt) WCAG AA ✓ Pass

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

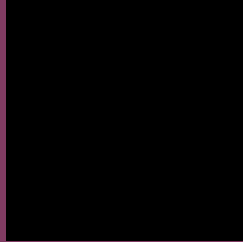
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.0770, 6.8640, 38.5205

Background



This preview shows how black text looks on a background with the YUV color 85.0770, 6.8640, 38.5205.



This preview shows how white text looks on a background with the YUV color 85.0770, 6.8640,

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

85.0770, 6.8640, 38.5205

Protanopia

84.2560, 15.1568, -8.1175

Deuteranopia

84.9770, 4.9413, 1.7742



Tritanopia

84.5100, -6.6604, 36.3867

Trichromacy



Original Color

85.0770, 6.8640, 38.5205

Protanomaly

84.8560, 11.9030, 8.8963

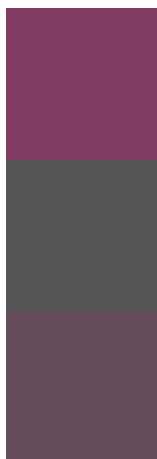
Deuteranomaly

84.8800, 5.4822, 15.0142

Tritanomaly

84.7750, -1.8611, 37.0313

Monochromacy



Original Color

85.0770, 6.8640, 38.5205

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0710, 2.4300, 13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0770, 6.8640, 38.5205 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(129, 60, 99)` looks like.

```
.text, #text, p{  
    color:rgb(129, 60, 99)  
}
```

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(129, 60, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 60, 99) }
```

Border

The CSS property to change the border of an element to YUV 85.0770, 6.8640, 38.5205 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(129, 60, 99) }
```


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

```
.border{ border-color:rgb(129, 60, 99) }
```

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

Here you see how a box with a 4 pixel rgb(129, 60, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 60, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 60, 99);  
box-shadow:4px 4px 4px 4px rgb(129, 60,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 85.0770, 6.8640, 38.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 60, 99) }
```

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

```
.background{ background-color: rgb(129, 60,  
99) }
```

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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