

Converting Colors

YUV(85.6880, 16.9158, 34.4766)

Have a look what the booklet for
YUV(85.6880, 16.9158, 34.4766)
contains.

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Color

**YUV(85.6880, 16.9158,
34.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	7D3B78
RGB	125, 59, 120
RGB Percent	49%, 23%, 47%
CMY	0.5098, 0.7686, 0.5294
CMYK	0.00, 0.53, 0.04, 0.51
HSL	305°, 36%, 36%
HSV	305°, 53%, 49%
XYZ	13.4116, 8.8440, 18.7695
YIQ	85.6880, 19.7550, 32.9630

Conversions

Conversions Part 2

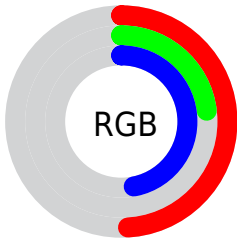
Format	Color
R_{YB}	125, 59, 120
Decimal	8207224
CIE _{Lab}	35.68, 37.54, -22.20
CIE _{LCh}	36, 43.612, 329.399
Yxy	8.8440, 0.3269, 0.2156
Android (android.graphics.Color)	4286397304 (0xFF7D3B78)
YUV	85.6880, 16.9158, 34.4766
Hunter-Lab	29.7388, 28.4568, -16.6034

Details

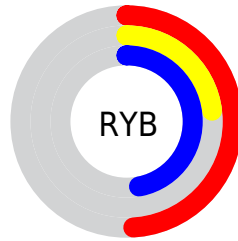
The YUV color **85.6880, 16.9158, 34.4766** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.3120, -16.9158, -34.4766**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2260, 17.6366, 36.6358**, and **33.7420, 18.3682, 35.3063** is the 20% darker color. If you saturate the color by 10%, you get **78.5300, 19.9517, 40.7542**, and if you desaturate by 10%, it is **93.4330, 13.5905, 27.6843**.

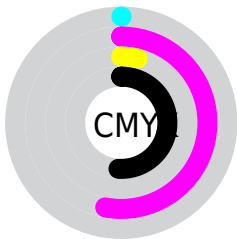
Distribution



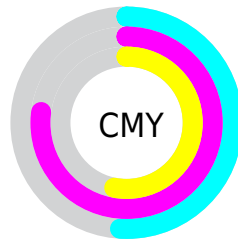
- Red (49%)
- Green (23%)
- Blue (47%)



- Red (49%)
- Yellow (23%)
- Blue (47%)



- Cyan (0%)
- Magenta (53%)
- Yellow (4%)
- Black (51%)



- Cyan (51%)
- Magenta (77%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6880, 16.9158, 34.4766 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 85.6880, 16.9158, 34.4766 by changing the saturation by 10% instead.

85.6880, 16.9158,
34.4766

85.6880, 16.9158,
34.4766

255.0000, 0.0000,
0.0000

60.3890, 17.0632,
33.8618

137.2260, 17.6366,
36.6358

33.7420, 18.3682,
35.3063

163.9380, 17.7786,
37.7654

20.4220, 13.5960,
25.9399

191.6500, 17.9206,
38.8950

10.5530, 8.1084,
12.6700

216.8450, 18.8104,
33.4619

0.0000, 0.0000,
0.0000

233.2810, 10.7075,
19.0476

250.3040, 2.3151,

4.1184

■ 85.6880, 16.9158,
34.4766

■ 85.6880, 16.9158,
34.4766

■ 78.5300, 19.9517,
40.7542

■ 93.4330, 13.5905,
27.6843

■ 70.7850, 23.2770,
47.5466

■ 100.5910, 10.5546,
21.4067

■ 63.6270, 26.3129,
53.8241

■ 108.3360, 7.2294,
14.6143

■ 55.8820, 29.6382,
60.6165

■ 115.4940, 4.1935,
8.3368

■ 50.5990, 32.2427,
65.2497

■ 123.2390, 0.8682,
1.5444

■ 130.3970, -2.1677,
-4.7332

■ 138.1420, -5.4930,
-11.5255

■ 145.3000, -8.5289,
-17.8031

■ 153.0450,
-11.8542, -24.5955

Harmonies

Analogous

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



85.0730, 29.5440, -2.6950



85.6880, 16.9158, 34.4766



81.9220, 2.0105, 55.3194

Triad

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



85.6880, 16.9158, 34.4766



78.7460, -38.3288, 20.3938



72.0380, 22.1663, -63.1773

Complementary

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



85.6880, 16.9158, 34.4766



98.3120, -16.9158, -34.4766

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.



68.0480, 6.8783, -59.6781



85.6880, 16.9158, 34.4766



75.7470, -29.9483, -7.6711

Square

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



85.6880, 16.9158, 34.4766



80.6960, -28.9371, 41.4856



62.4820, -8.1256, -53.9197



72.7680, 35.1174, -63.8175

Rectangle

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



85.6880, 16.9158, 34.4766



80.7730, -8.7621, 57.2041



62.4820, -8.1256, -53.9197



70.7840, 17.3615, -62.0776

Sweetspot

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



85.6880, 16.9158, 34.4766



147.5100, 6.6506, 13.5847



67.7200, 28.2390, -4.1394



72.3800, 3.7567, 8.4367



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



85.6880, 16.9158, 34.4766



101.6270, 26.3129, 53.8241



82.0400, 2.9383, 37.6759



59.7770, 1.5889, 3.7036



51.7240, 32.6741, 66.8941



0.0000, 0.0000, 0.0000

Inverse Universe

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



85.6880, 16.9158, 34.4766



101.6270, 26.3129, 53.8241



101.9600, -2.9383, -37.6759



59.7770, 1.5889, 3.7036



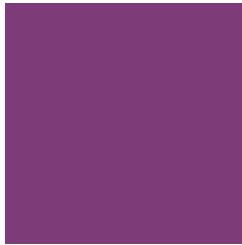
51.7240, 32.6741, 66.8941



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 85.6880, 16.9158, 34.4766 looks on a white background.

Color Contrast Check

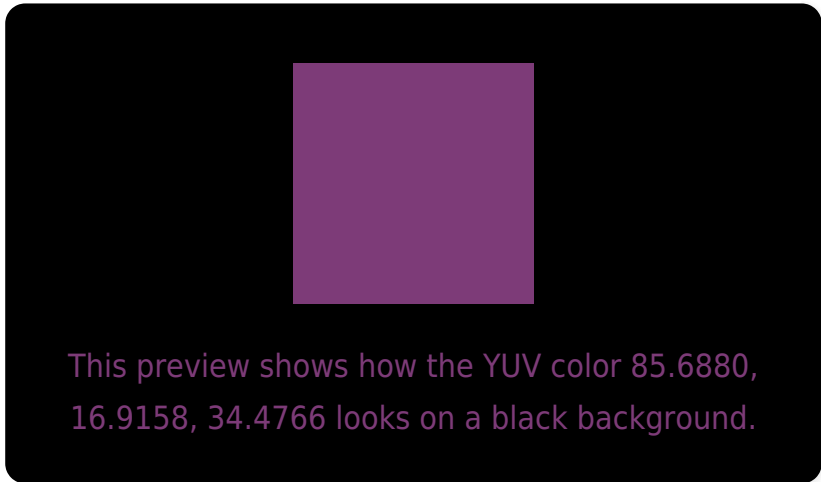
Large Text (above 18pt) WCAG AA ✓ Pass

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

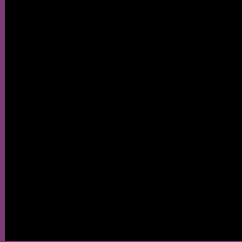
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6880, 16.9158, 34.4766

Background



This preview shows how black text looks on a background with the YUV color 85.6880, 16.9158, 34.4766.



This preview shows how white text looks on a background with the YUV color 85.6880, 16.9158,

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

85.6880, 16.9158, 34.4766

Protanopia

82.9200, 28.1404, -19.2238

Deuteranopia

84.3700, 15.5936, -8.2175



Tritanopia

85.5200, -5.1864, 30.2390

Trichromacy



Original Color

85.6880, 16.9158, 34.4766

Protanomaly

83.7160, 24.2970, 0.2491

Deuteranomaly

84.5830, 15.9816, 7.3817

Tritanomaly

85.5940, 2.6652, 31.9281

Monochromacy



Original Color

85.6880, 16.9158, 34.4766

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.6840, 6.0718, 12.5551

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6880, 16.9158, 34.4766 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(125, 59, 120)` looks like.

```
.text, #text, p{  
    color:rgb(125, 59, 120)  
}
```

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(125, 59, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 59, 120) }
```

Border

The CSS property to change the border of an element to YUV 85.6880, 16.9158, 34.4766 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(125, 59, 120) }
```


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

```
.border{ border-color:rgb(125, 59, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 59, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 59, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 59, 120);  
box-shadow:4px 4px 4px 4px rgb(125, 59,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 85.6880, 16.9158, 34.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 59, 120) }
```

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

```
.background{ background-color: rgb(125, 59,  
120) }
```

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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