

Converting Colors

YUV(89.6880, 16.9158, 34.4766)

Have a look what the booklet for
YUV(89.6880, 16.9158, 34.4766)
contains.

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Color

**YUV(89.6880, 16.9158,
34.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	813F7C
RGB	129, 63, 124
RGB Percent	51%, 25%, 49%
CMY	0.4941, 0.7529, 0.5137
CMYK	0.00, 0.51, 0.04, 0.49
HSL	305°, 34%, 38%
HSV	305°, 51%, 51%
XYZ	14.4689, 9.6774, 20.1741
YIQ	89.6880, 19.7550, 32.9630

Conversions

Conversions Part 2

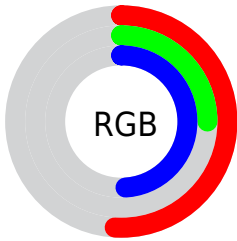
Format	Color
RYB	129, 63, 124
Decimal	8470396
CIELab	37.26, 37.42, -22.20
CIElCh	37, 43.505, 329.324
Yxy	9.6774, 0.3265, 0.2184
Android (android.graphics.Color)	4286660476 (0xFF813F7C)
YUV	89.6880, 16.9158, 34.4766
Hunter-Lab	31.1085, 28.5822, -16.6741

Details

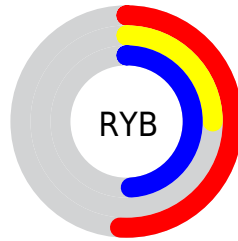
The YUV color **89.6880, 16.9158, 34.4766** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **102.3120, -16.9158, -34.4766**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2260, 17.6366, 36.6358**, and **38.6170, 17.9368, 33.6619** is the 20% darker color. If you saturate the color by 10%, you get **81.9430, 20.2411, 41.2690**, and if you desaturate by 10%, it is **97.4330, 13.5905, 27.6843**.

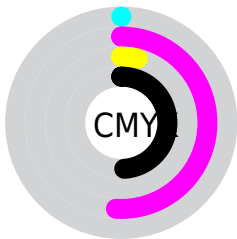
Distribution



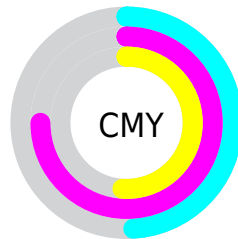
- Red (51%)
- Green (25%)
- Blue (49%)



- Red (51%)
- Yellow (25%)
- Blue (49%)



- Cyan (0%)
- Magenta (51%)
- Yellow (4%)
- Black (49%)



- Cyan (49%)
- Magenta (75%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6880, 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 89.6880, 16.9158, 34.4766 by changing the saturation by 10% instead.

■ 89.6880, 16.9158,
34.4766

■ 89.6880, 16.9158,
34.4766

■ 255.0000, 0.0000,
0.0000

■ 64.3890, 17.0632,
33.8618

■ 141.2260, 17.6366,
36.6358

■ 38.6170, 17.9368,
33.6619

■ 168.8240, 17.3418,
37.8654

■ 21.7750, 14.9009,
27.3843

■ 196.6500, 17.9205,
38.8949

■ 12.8030, 8.9711,
15.9588

■ 219.1930, 17.6529,
31.4027

■ 0.1140, 0.4368,
-0.1000

■ 236.2160, 9.2605,
16.4736

■ 0.0000, 0.0000,
0.0000

■ 252.6520, 1.1576,

2.0592

■ 89.6880, 16.9158,
34.4766

■ 89.6880, 16.9158,
34.4766

■ 81.9430, 20.2411,
41.2690

■ 97.4330, 13.5905,
27.6843

■ 74.1980, 23.5664,
48.0614

■ 105.1780, 10.2652,
20.8919

■ 66.4530, 26.8917,
54.8537

■ 112.9230, 6.9400,
14.0995

■ 58.7080, 30.2170,
61.6461

■ 120.6680, 3.6147,
7.3072

■ 52.1370, 32.9635,
67.4089

■ 128.4130, 0.2894,
0.5148

■ 135.5710, -2.7465,
-5.7628

■ 143.3160, -6.0718,
-12.5551

■ 151.0610, -9.3971,
-19.3475

■ 158.8060,
-12.7224, -26.1399

Harmonies

Analogous

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



89.0730, 29.5440, -2.6950



89.6880, 16.9158, 34.4766



85.9220, 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.



89.6880, 16.9158, 34.4766



82.7460, -38.3288, 20.3938



74.8420, 22.7559, -65.6364

Complementary

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



89.6880, 16.9158, 34.4766



102.3120, -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.



70.8520, 7.4680, -62.1372



89.6880, 16.9158, 34.4766



79.7470, -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.



89.6880, 16.9158, 34.4766



84.9950, -29.0845, 42.1004



67.9770, -8.8627, -50.8458



75.5720, 35.7070, -66.2766

Rectangle

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



89.6880, 16.9158, 34.4766



85.0720, -8.9095, 57.8189



67.9770, -8.8627, -50.8458



73.5880, 17.9511, -64.5367

Sweetspot

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



89.6880, 16.9158, 34.4766



153.0970, 6.3612, 13.0699



71.7200, 28.2390, -4.1394



75.0810, 3.9041, 7.8220



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.



89.6880, 16.9158, 34.4766



107.3280, 26.4603, 53.2093



86.0400, 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.



89.6880, 16.9158, 34.4766



107.3280, 26.4603, 53.2093



105.9600, -2.9383, -37.6759



59.7770, 1.5889, 3.7036



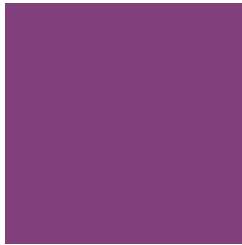
51.7240, 32.6741, 66.8941



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.6880, 16.9158, 34.4766 looks on a white background.

Color Contrast Check

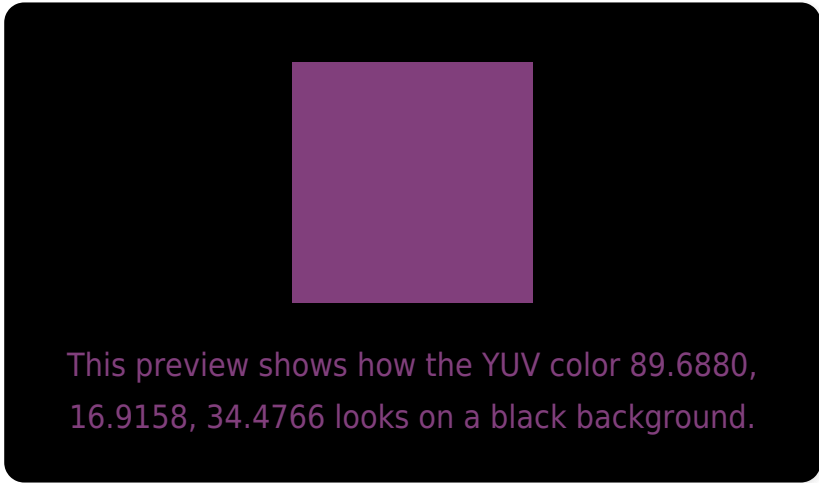
Large Text (above 18pt) WCAG AA ✓ Pass

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

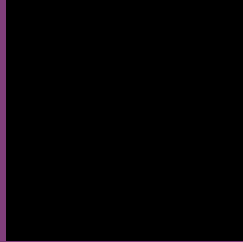
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6880, 16.9158, 34.4766

Background



This preview shows how black text looks on a background with the YUV color 89.6880, 16.9158, 34.4766.



This preview shows how white text looks on a background with the YUV color 89.6880, 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

89.6880, 16.9158, 34.4766

Protanopia

86.6320, 28.2824, -18.0943

Deuteranopia

88.3700, 15.5936, -8.2175



Tritanopia

89.5200, -5.1864, 30.2390

Trichromacy



Original Color

89.6880, 16.9158, 34.4766

Protanomaly

88.0150, 24.1496, 0.8638

Deuteranomaly

88.5830, 15.9816, 7.3817

Tritanomaly

89.5940, 2.6652, 31.9281

Monochromacy



Original Color

89.6880, 16.9158, 34.4766

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.6840, 6.0718, 12.5551

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6880, 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(129, 63, 124)` looks like.

```
.text, #text, p{  
    color:rgb(129, 63, 124)  
}
```

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, 63, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 63, 124) }
```

Border

The CSS property to change the border of an element to YUV 89.6880, 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(129, 63, 124) }
```


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

```
.border{ border-color:rgb(129, 63, 124) }
```

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

Here you see how a box with a 4 pixel rgb(129, 63, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 63, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 63, 124);  
box-shadow:4px 4px 4px 4px rgb(129, 63,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 89.6880, 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(129, 63, 124) }
```

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

```
.background{ background-color: rgb(129, 63,  
124) }
```

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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