

Converting Colors

YUV(85.4400, 9.6431, 33.8171)

Have a look what the booklet for
YUV(85.4400, 9.6431, 33.8171)
contains.

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Color

**YUV(85.4400, 9.6431,
33.8171)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3E69
RGB	124, 62, 105
RGB Percent	49%, 24%, 41%
CMY	0.5137, 0.7569, 0.5882
CMYK	0.00, 0.50, 0.15, 0.51
HSL	318°, 33%, 36%
HSV	318°, 50%, 49%
XYZ	12.5846, 8.7503, 14.3903
YIQ	85.4400, 23.1490, 26.5170

Conversions

Conversions Part 2

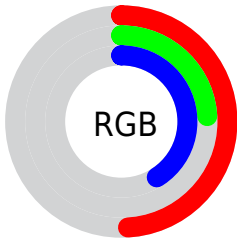
Format	Color
R_{YB}	124, 62, 105
Decimal	8142441
CIE _{Lab}	35.50, 32.86, -13.08
CIE _{LCh}	35, 35.372, 338.292
Yxy	8.7503, 0.3523, 0.2449
Android (android.graphics.Color)	4286332521 (0xFF7C3E69)
YUV	85.4400, 9.6431, 33.8171
Hunter-Lab	29.5808, 24.1730, -8.1364

Details

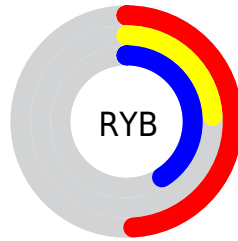
The YUV color **85.4400, 9.6431, 33.8171** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.5600, -9.6431, -33.8171**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7500, 9.4902, 36.1763**, and **36.0700, 10.8115, 32.3876** is the 20% darker color. If you saturate the color by 10%, you get **77.9400, 11.3686, 40.3946**, and if you desaturate by 10%, it is **92.9400, 7.9176, 27.2396**.

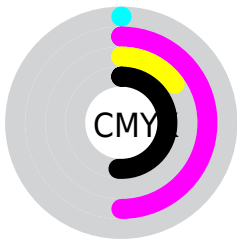
Distribution



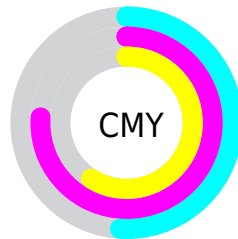
- Red (49%)
- Green (24%)
- Blue (41%)



- Red (49%)
- Yellow (24%)
- Blue (41%)



- Cyan (0%)
- Magenta (50%)
- Yellow (15%)
- Black (51%)



- Cyan (51%)
- Magenta (76%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4400, 9.6431, 33.8171 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 85.4400, 9.6431, 33.8171 by changing the saturation by 10% instead.

85.4400, 9.6431,
33.8171

85.4400, 9.6431,
33.8171

255.0000, 0.0000,
0.0000

60.8420, 9.9379,
32.5876

136.7500, 9.4902,
36.1763

36.0700, 10.8115,
32.3876

163.4620, 9.6322,
37.3058

18.7550, 8.5018,
26.5249

191.1740, 9.7742,
38.4354

8.3590, 2.2880,
12.8402

216.1950, 11.2429,
34.0320

0.0000, 0.0000,
0.0000

234.4550, 10.1287,
18.0180

251.4780, 1.7363,

3.0888

■ 85.4400, 9.6431,
33.8171

■ 85.4400, 9.6431,
33.8171

■ 77.9400, 11.3686,
40.3946

■ 92.9400, 7.9176,
27.2396

■ 69.8530, 13.3835,
47.4869

■ 101.0270, 5.9027,
20.1473

■ 62.4670, 15.5458,
53.9644

■ 108.4130, 3.7404,
13.6698

■ 54.3800, 17.5607,
61.0567

■ 116.5000, 1.7255,
6.5775

■ 46.8800, 19.2862,
67.6342

■ 124.0000, 0.0000,
0.0000

■ 131.5000, -1.7255,
-6.5775

■ 139.5870, -3.7404,
-13.6698

■ 146.9730, -5.9027,
-20.1473

■ 155.0600, -7.9176,
-27.2396

Harmonies

Analogous

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



85.8480, 20.7809, 8.0263



85.4400, 9.6431, 33.8171



83.1890, -3.0512, 45.4382

Triad

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



85.4400, 9.6431, 33.8171



80.1390, -27.6765, 10.4021



69.8040, 23.7606, -61.2181

Complementary

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



85.4400, 9.6431, 33.8171



100.5600, -9.6431, -33.8171

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.



67.3130, 11.6777, -59.0335



85.4400, 9.6431, 33.8171



76.4610, -19.4543, -13.5593

Square

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



85.4400, 9.6431, 33.8171



82.1290, -25.6996, 29.7049



66.1110, -2.0267, -50.0863



69.5080, 32.7806, -60.9585

Rectangle

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



85.4400, 9.6431, 33.8171



82.4850, -12.0711, 45.1787



66.1110, -2.0267, -50.0863



69.3650, 19.5401, -60.8331

Sweetspot

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



85.4400, 9.6431, 33.8171



146.0000, 3.4510, 13.1550



74.7490, 24.2807, 5.4821



72.6250, 2.1569, 8.2219



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.



85.4400, 9.6431, 33.8171



100.6410, 14.9670, 52.9348



81.9060, -3.8977, 36.9164



57.2500, 0.8628, 3.2887



47.2930, 19.5756, 68.1490



95.2980, 39.2931, 137.4277

Inverse Universe

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



85.4400, 9.6431, 33.8171



100.6410, 14.9670, 52.9348



104.0940, 3.8977, -36.9164



57.2500, 0.8628, 3.2887



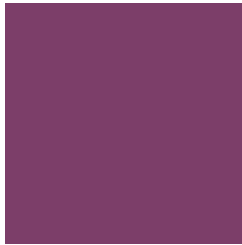
47.2930, 19.5756, 68.1490



95.2980, 39.2931, 137.4277

Previews

White Background



This preview shows how the YUV color 85.4400, 9.6431, 33.8171 looks on a white background.

Color Contrast Check

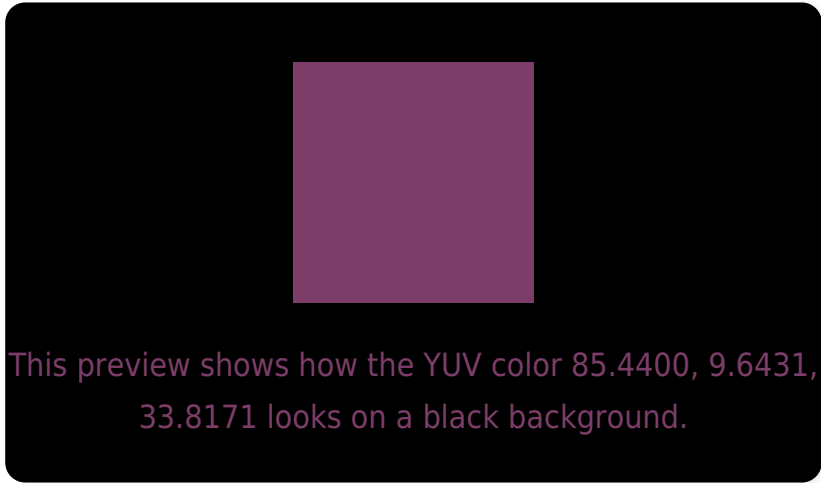
Large Text (above 18pt) WCAG AA ✓ Pass

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

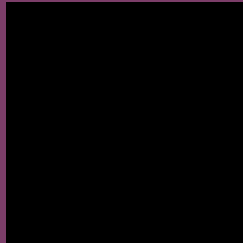
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4400, 9.6431, 33.8171

Background



This preview shows how black text looks on a background with the YUV color 85.4400, 9.6431, 33.8171.



This preview shows how white text looks on a background with the YUV color 85.4400, 9.6431,

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

85.4400, 9.6431, 33.8171

Protanopia

83.9290, 17.7830, -10.4617

Deuteranopia

84.8780, 8.4411, -0.7700



Tritanopia

85.1180, -5.4812, 31.4685

Trichromacy



Original Color

85.4400, 9.6431, 33.8171

Protanomaly

84.3440, 15.1134, 5.8373

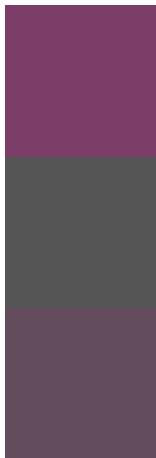
Deuteranomaly

85.3680, 8.6926, 11.9553

Tritanomaly

84.9100, 0.0444, 32.5279

Monochromacy



Original Color

85.4400, 9.6431, 33.8171

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2880, 3.3090, 12.0254

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4400, 9.6431, 33.8171 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(124, 62, 105)` looks like.

```
.text, #text, p{  
    color:rgb(124, 62, 105)  
}
```

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(124, 62, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 62, 105) }
```

Border

The CSS property to change the border of an element to YUV 85.4400, 9.6431, 33.8171 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(124, 62, 105) }
```


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

```
.border{ border-color:rgb(124, 62, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 62, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 62, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 62, 105);  
box-shadow:4px 4px 4px 4px rgb(124, 62,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 85.4400, 9.6431, 33.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 62, 105) }
```

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

```
.background{ background-color: rgb(124, 62,  
105) }
```

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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