

Converting Colors

YUV(83.3880, 1.7807, 35.6167)

Have a look what the booklet for
YUV(83.3880, 1.7807, 35.6167)
contains.

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Color

**YUV(83.3880, 1.7807,
35.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3E57
RGB	124, 62, 87
RGB Percent	49%, 24%, 34%
CMY	0.5137, 0.7569, 0.6588
CMYK	0.00, 0.50, 0.30, 0.51
HSL	336°, 33%, 36%
HSV	336°, 50%, 49%
XYZ	11.7551, 8.4185, 10.0222
YIQ	83.3880, 28.9270, 20.9190

Conversions

Conversions Part 2

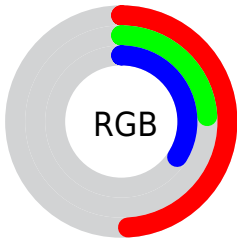
Format	Color
R_{YB}	124, 62, 87
Decimal	8142423
CIE _{Lab}	34.84, 29.98, -2.65
CIE _{LCh}	35, 30.095, 354.953
Yxy	8.4185, 0.3893, 0.2788
Android (android.graphics.Color)	4286332503 (0xFF7C3E57)
YUV	83.3880, 1.7807, 35.6167
Hunter-Lab	29.0146, 21.5428, -0.1697

Details

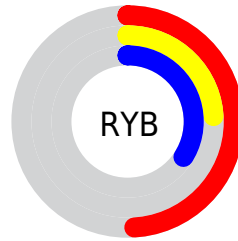
The YUV color **83.3880, 1.7807, 35.6167** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **102.6120, -1.7807, -35.6167**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9970, 1.4805, 38.5906**, and **34.8330, 3.5333, 33.4725** is the 20% darker color. If you saturate the color by 10%, you get **75.5460, 2.1958, 42.4942**, and if you desaturate by 10%, it is **91.2300, 1.3656, 28.7393**.

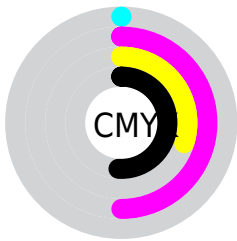
Distribution



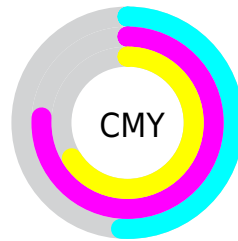
- Red (49%)
- Green (24%)
- Blue (34%)



- Red (49%)
- Yellow (24%)
- Blue (34%)



- Cyan (0%)
- Magenta (50%)
- Yellow (30%)
- Black (51%)



- Cyan (51%)
- Magenta (76%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3880, 1.7807, 35.6167 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 83.3880, 1.7807, 35.6167 by changing the saturation by 10% instead.

83.3880, 1.7807,
35.6167

83.3880, 1.7807,
35.6167

255.0000, 0.0000,
0.0000

58.9040, 2.5123,
34.2872

133.9970, 1.4805,
38.5906

34.8330, 3.5333,
33.4725

160.8940, 1.0383,
40.4350

17.0450, 1.9498,
28.0245

188.1930, 0.8909,
41.0497

5.3820, -2.6533,
11.0660

213.8010, 2.0701,
36.1315

0.0000, 0.0000,
0.0000

233.4290, 6.1975,
18.9178

250.8910, 2.0257,

3.6036

■ 83.3880, 1.7807,
35.6167

■ 83.3880, 1.7807,
35.6167

■ 75.5460, 2.1958,
42.4942

■ 91.2300, 1.3656,
28.7393

■ 67.0030, 2.4635,
49.9864

■ 99.7730, 1.0979,
21.2471

■ 59.1610, 2.8786,
56.8638

■ 107.6150, 0.6828,
14.3696

■ 50.6180, 3.1463,
64.3560

■ 116.1580, 0.4151,
6.8774

■ 42.7760, 3.5614,
71.2334

■ 124.0000, 0.0000,
0.0000

■ 131.8420, -0.4151,
-6.8774

■ 140.3850, -0.6828,
-14.3696

■ 148.2270, -1.0979,
-21.2471

■ 156.7700, -1.3656,
-28.7393

Harmonies

Analogous

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



84.7480, 12.4492, 20.3920



83.3880, 1.7807, 35.6167



82.1360, -9.4340, 39.3457

Triad

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



83.3880, 1.7807, 35.6167



78.0110, -20.2184, -1.7636



67.2110, 26.5180, -58.9440

Complementary

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



83.3880, 1.7807, 35.6167



102.6120, -1.7807, -35.6167

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.



66.6920, 16.9138, -58.4889



83.3880, 1.7807, 35.6167



73.5120, -10.1124, -23.2510

Square

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



83.3880, 1.7807, 35.6167



80.0350, -23.1883, 17.5093



63.9560, 6.4307, -56.0894



72.9620, 27.6267, -41.1857

Rectangle

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



83.3880, 1.7807, 35.6167



81.9800, -16.2591, 35.0975



63.9560, 6.4307, -56.0894



67.1140, 23.6078, -58.8590

Sweetspot

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



83.3880, 1.7807, 35.6167



145.2020, 0.3934, 13.8548



79.8320, 21.7748, 15.9333



72.1690, 0.4097, 8.6218



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.



83.3880, 1.7807, 35.6167



97.4490, 2.7366, 55.7342



83.4730, -10.5862, 35.5422



57.1360, 0.4260, 3.3887



43.0750, 3.4140, 71.8482



86.9760, 7.4068, 144.7260

Inverse Universe

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



83.3880, 1.7807, 35.6167



97.4490, 2.7366, 55.7342



102.5270, 10.5862, -35.5422



57.1360, 0.4260, 3.3887



43.0750, 3.4140, 71.8482



86.9760, 7.4068, 144.7260

Previews

White Background



This preview shows how the YUV color 83.3880, 1.7807, 35.6167 looks on a white background.

Color Contrast Check

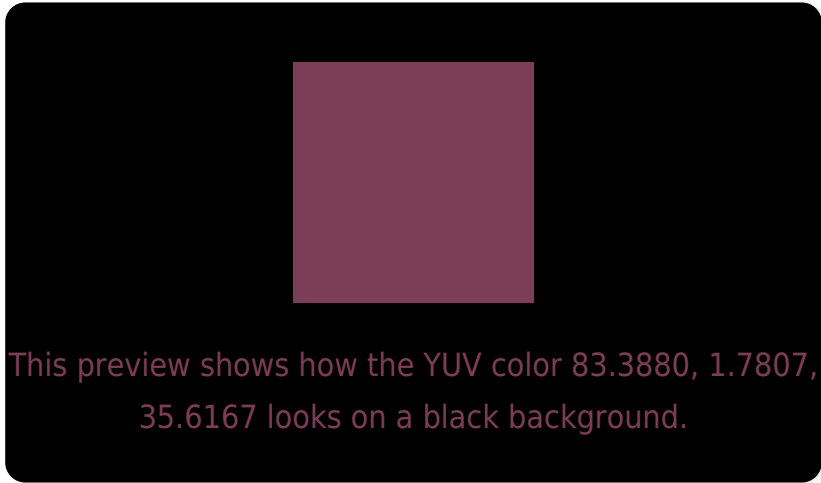
Large Text (above 18pt) WCAG AA ✓ Pass

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

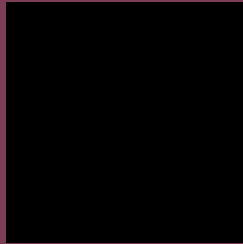
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.3880, 1.7807, 35.6167

Background



This preview shows how black text looks on a background with the YUV color 83.3880, 1.7807, 35.6167.



This preview shows how white text looks on a background with the YUV color 83.3880, 1.7807,

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

83.3880, 1.7807, 35.6167

Protanopia

83.1550, 8.3046, -3.6439

Deuteranopia

83.4460, 0.2731, 5.7479



Tritanopia

82.6130, -6.2182, 34.5424

Trichromacy



Original Color

83.3880, 1.7807, 35.6167

Protanomaly

83.2600, 5.7878, 10.2960

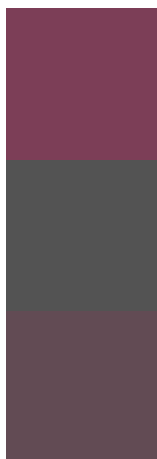
Deuteranomaly

83.0390, 0.9668, 16.6288

Tritanomaly

83.0090, -3.4554, 35.0721

Monochromacy



Original Color

83.3880, 1.7807, 35.6167

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9030, 0.5408, 13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3880, 1.7807, 35.6167 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, 87)` looks like.

```
.text, #text, p{  
    color:rgb(124, 62, 87)  
}
```

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, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 62, 87) }
```

Border

The CSS property to change the border of an element to YUV 83.3880, 1.7807, 35.6167 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, 87) }
```


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

```
.border{ border-color:rgb(124, 62, 87) }
```

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, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 62, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 62, 87);  
box-shadow:4px 4px 4px 4px rgb(124, 62,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 83.3880, 1.7807, 35.6167 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, 87) }
```

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

```
.background{ background-color: rgb(124, 62,  
87) }
```

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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