

Converting Colors

YUV(83.3770, 1.7861, 33.8724)

Have a look what the booklet for
YUV(83.3770, 1.7861, 33.8724)
contains.

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Color

**YUV(83.3770, 1.7861,
33.8724)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7A3F57 |
| RGB | 122, 63, 87 |
| RGB Percent | 48%, 25%, 34% |
| CMY | 0.5216, 0.7529, 0.6588 |
| CMYK | 0.00, 0.48, 0.29, 0.52 |
| HSL | 336°, 32%, 36% |
| HSV | 336°, 48%, 48% |
| XYZ | 11.5238, 8.3807, 10.0271 |
| YIQ | 83.3770, 27.4600, 19.9720 |

Conversions

Conversions Part 2

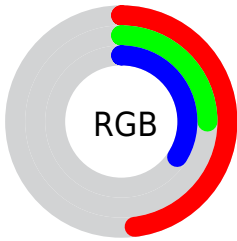
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 122, 63, 87 |
| Decimal | 8011607 |
| CIE _{Lab} | 34.76, 28.66, -2.79 |
| CIE _{LCh} | 35, 28.798, 354.433 |
| Yxy | 8.3807, 0.3850, 0.2800 |
| Android (android.graphics.Color) | 4286201687 (0xFF7A3F57) |
| YUV | 83.3770, 1.7861, 33.8724 |
| Hunter-Lab | 28.9495, 20.3936, -0.2714 |

Details

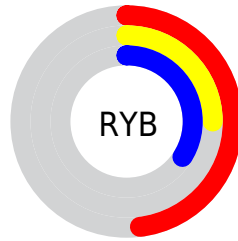
The YUV color **83.3770, 1.7861, 33.8724** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **101.6230, -1.7861, -33.8724**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9860, 1.4859, 36.8463**, and **35.4090, 3.2494, 31.2133** is the 20% darker color. If you saturate the color by 10%, you get **75.5350, 2.2012, 40.7498**, and if you desaturate by 10%, it is **91.2190, 1.3710, 26.9949**.

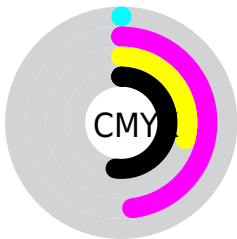
Distribution



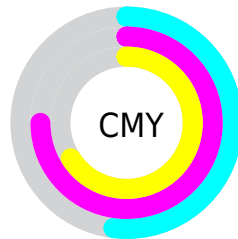
- Red (48%)
- Green (25%)
- Blue (34%)



- Red (48%)
- Yellow (25%)
- Blue (34%)



- Cyan (0%)
- Magenta (48%)
- Yellow (29%)
- Black (52%)



- Cyan (52%)
- Magenta (75%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3770, 1.7861, 33.8724 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 83.3770, 1.7861, 33.8724 by changing the saturation by 10% instead.


 83.3770, 1.7861,
33.8724

 83.3770, 1.7861,
33.8724

255.0000, 0.0000,
0.0000


 58.8930, 2.5178,
32.5428


 133.9860, 1.4859,
36.8463


 35.4090, 3.2494,
31.2133

 160.5840, 1.1911,
38.0758


 16.4470, 2.2446,
26.7950

 188.1820, 0.8963,
39.3054

 4.4850, -2.2111,
9.2217

 213.8010, 2.0701,
36.1315

 0.0000, 0.0000,
0.0000

 233.4290, 6.1975,
18.9178

 251.4780, 1.7363,

3.0888

■ 83.3770, 1.7861,
33.8724

■ 83.3770, 1.7861,
33.8724

■ 75.5350, 2.2012,
40.7498

■ 91.2190, 1.3710,
26.9949

■ 67.6930, 2.6164,
47.6272

■ 99.0610, 0.9559,
20.1175

■ 59.1500, 2.8840,
55.1194

■ 107.6040, 0.6882,
12.6253

■ 51.3080, 3.2992,
61.9969

■ 115.4460, 0.2731,
5.7479

■ 43.4660, 3.7143,
68.8743

■ 123.2880, -0.1420,
-1.1296

■ 42.1780, 3.8562,
70.0039

■ 131.1300, -0.5571,
-8.0070

■ 139.0860, -0.5354,
-14.9844

■ 147.5150, -1.2399,
-22.3767

■ 155.3570, -1.6550,
-29.2541

Harmonies

Analogous

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



84.6230, 12.0179, 18.7476



83.3770, 1.7861, 33.8724



82.2390, -8.9918, 37.5014

Triad

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



83.3770, 1.7861, 33.8724



77.8370, -19.6396, -0.7340



66.9830, 25.6444, -58.7441

Complementary

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



83.3770, 1.7861, 33.8724



101.6230, -1.7861, -33.8724

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.



65.9910, 16.7664, -57.8741



83.3770, 1.7861, 33.8724



74.2240, -9.9704, -22.1214

Square

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



83.3770, 1.7861, 33.8724



79.9640, -22.1673, 16.6946



63.3690, 6.7201, -55.5746



73.3430, 26.4529, -38.0118

Rectangle

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



83.3770, 1.7861, 33.8724



81.6100, -15.0907, 33.6680



63.3690, 6.7201, -55.5746



66.8860, 22.7342, -58.6590

Sweetspot

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



83.3770, 1.7861, 33.8724



142.3160, 0.8302, 13.7549



79.8920, 20.7592, 15.0037



69.8700, 0.5571, 8.0070



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



83.3770, 1.7861, 33.8724



97.8400, 3.0369, 52.7603



83.5760, -10.1440, 33.6978



57.1360, 0.4260, 3.3887



43.1890, 3.8508, 71.7482



87.0900, 7.8436, 144.6261

Inverse Universe

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



83.3770, 1.7861, 33.8724



97.8400, 3.0369, 52.7603



101.4240, 10.1440, -33.6978



57.1360, 0.4260, 3.3887



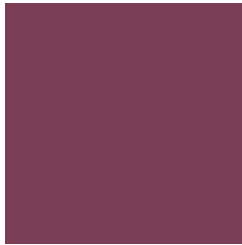
43.1890, 3.8508, 71.7482



87.0900, 7.8436, 144.6261

Previews

White Background



This preview shows how the YUV color 83.3770, 1.7861, 33.8724 looks on a white background.

Color Contrast Check

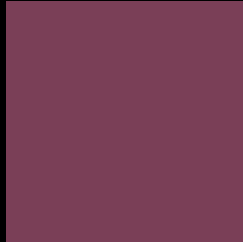
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 83.3770, 1.7861, 33.8724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

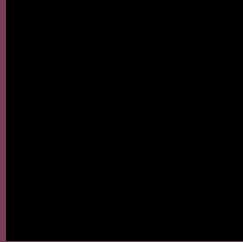
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.3770, 1.7861, 33.8724

Background



This preview shows how black text looks on a background with the YUV color 83.3770, 1.7861, 33.8724.



This preview shows how white text looks on a background with the YUV color 83.3770, 1.7861, 33.8724.

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

83.3770, 1.7861, 33.8724

Protanopia

83.0410, 7.8678, -3.5440

Deuteranopia

83.1470, 0.4205, 5.1331



Tritanopia

83.0150, -5.9234, 33.3128

Trichromacy



Original Color

83.3770, 1.7861, 33.8724

Protanomaly

83.2600, 5.7878, 10.2960

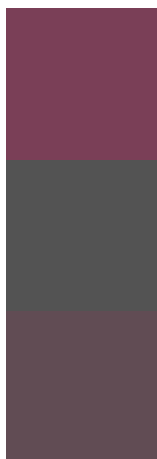
Deuteranomaly

83.3270, 0.8248, 15.4992

Tritanomaly

83.1120, -3.0132, 33.2278

Monochromacy



Original Color

83.3770, 1.7861, 33.8724

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1910, 0.3988, 12.1105

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3770, 1.7861, 33.8724 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(122, 63, 87)` looks like.

```
.text, #text, p{  
    color:rgb(122, 63, 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(122, 63, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 63, 87) }
```

Border

The CSS property to change the border of an element to YUV 83.3770, 1.7861, 33.8724 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(122, 63, 87) }
```


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

```
.border{ border-color:rgb(122, 63, 87) }
```

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

Here you see how a box with a 4 pixel rgb(122, 63, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 63, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 63, 87);  
box-shadow:4px 4px 4px 4px rgb(122, 63,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 83.3770, 1.7861, 33.8724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 63, 87) }
```

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

```
.background{ background-color: rgb(122, 63,  
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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