

Converting Colors

YUV(83.1670, -3.0403, 41.9495)

Have a look what the booklet for
YUV(83.1670, -3.0403, 41.9495)
contains.

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Color

**YUV(83.1670, -3.0403,
41.9495)**

Conversions

Conversions Part 1

Format	Color
Hex	833C4D
RGB	131, 60, 77
RGB Percent	51%, 24%, 30%
CMY	0.4863, 0.7647, 0.6980
CMYK	0.00, 0.54, 0.41, 0.49
HSL	346°, 37%, 37%
HSV	346°, 54%, 51%
XYZ	12.3155, 8.5928, 8.0307
YIQ	83.1670, 36.8590, 20.3390

Conversions

Conversions Part 2

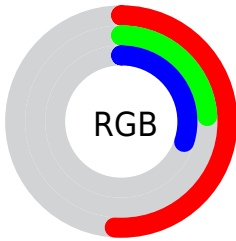
Format	Color
R_{YB}	131, 60, 77
Decimal	8600653
CIE _{Lab}	35.19, 32.37, 4.38
CIE _{LCh}	35, 32.668, 7.708
Yxy	8.5928, 0.4256, 0.2969
Android (android.graphics.Color)	4286790733 (0xFF833C4D)
YUV	83.1670, -3.0403, 41.9495
Hunter-Lab	29.3135, 23.6945, 4.2765

Details

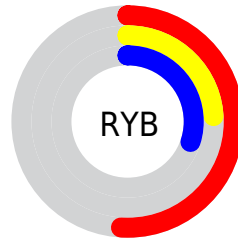
The YUV color **83.1670, -3.0403, 41.9495** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **107.8330, 3.0403, -41.9495**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8470, -4.3616, 45.7382**, and **32.9540, 0.0227, 39.5053** is the 20% darker color. If you saturate the color by 10%, you get **74.3960, -3.6462, 49.6417**, and if you desaturate by 10%, it is **91.9380, -2.4344, 34.2574**.

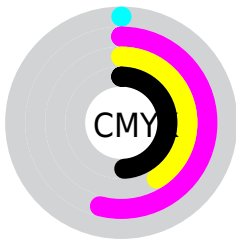
Distribution



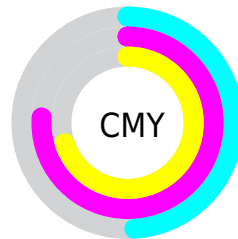
- Red (51%)
- Green (24%)
- Blue (30%)



- Red (51%)
- Yellow (24%)
- Blue (30%)



- Cyan (0%)
- Magenta (54%)
- Yellow (41%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1670, -3.0403, 41.9495 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 83.1670, -3.0403, 41.9495 by changing the saturation by 10% instead.

■ 83.1670, -3.0403,
41.9495

■ 83.1670, -3.0403,
41.9495

■ 255.0000, 0.0000,
0.0000

■ 58.3840, -2.1613,
40.0052

■ 134.8470, -4.3616,
45.7382

■ 32.9540, 0.0227,
39.5053

■ 161.4450, -4.6564,
46.9677

■ 16.9870, -3.4446,
31.5834

■ 188.9290, -5.3880,
48.2973

■ 7.2900, -3.1010,
14.6547

■ 211.2590, -2.5927,
38.3609

■ 0.0000, 0.0000,
0.0000

■ 230.8870, 1.5347,
21.1471

■ 250.3040, 2.3151,

4.1184

■ 83.1670, -3.0403,
41.9495

■ 83.1670, -3.0403,
41.9495

■ 74.3960, -3.6462,
49.6417

■ 91.9380, -2.4344,
34.2574

■ 65.6250, -4.2521,
57.3339

■ 100.7090, -1.8285,
26.5652

■ 56.8540, -4.8580,
65.0260

■ 109.4800, -1.2226,
18.8730

■ 48.0830, -5.4639,
72.7182

■ 118.2510, -0.6167,
11.1809

■ 42.7030, -5.7696,
77.4365

■ 127.6090, -0.3002,
2.9739

■ 136.3800, 0.3057,
-4.7183

■ 145.1510, 0.9116,
-12.4104

■ 153.9220, 1.5175,
-20.1026

■ 162.6930, 2.1234,
-27.7948

Harmonies

Analogous

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



85.1900, 8.7803, 30.5284



83.1670, -3.0403, 41.9495



82.3550, -14.9650, 40.0307

Triad

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



83.1670, -3.0403, 41.9495



76.5260, -18.0073, -10.9853



68.3510, 30.8860, -59.9438

Complementary

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



83.1670, -3.0403, 41.9495



107.8330, 3.0403, -41.9495

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.



68.7610, 22.3028, -60.3034



83.1670, -3.0403, 41.9495



69.1230, -3.5116, -40.4499

Square

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



83.1670, -3.0403, 41.9495



79.7090, -25.4925, 9.9022



66.4980, 11.0935, -58.3187



78.3490, 27.4359, -26.6161

Rectangle

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



83.1670, -3.0403, 41.9495



81.7040, -21.0531, 32.7086



66.4980, 11.0935, -58.3187



68.3680, 28.4126, -59.9587

Sweetspot

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



83.1670, -3.0403, 41.9495



152.7570, -1.3592, 15.9991



83.9410, 23.2001, 25.4847



75.5390, -0.7587, 10.0513



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



83.1670, -3.0403, 41.9495



96.1530, -5.0054, 65.6408



91.7950, -15.6749, 34.3828



61.9080, -0.4476, 3.5887



42.4040, -5.6222, 76.8217



1.0110, -0.0054, 1.7444

Inverse Universe

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



83.1670, -3.0403, 41.9495



96.1530, -5.0054, 65.6408



99.2050, 15.6749, -34.3828



61.9080, -0.4476, 3.5887



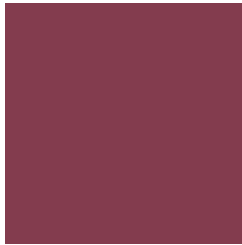
42.4040, -5.6222, 76.8217



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 83.1670, -3.0403, 41.9495 looks on a white background.

Color Contrast Check

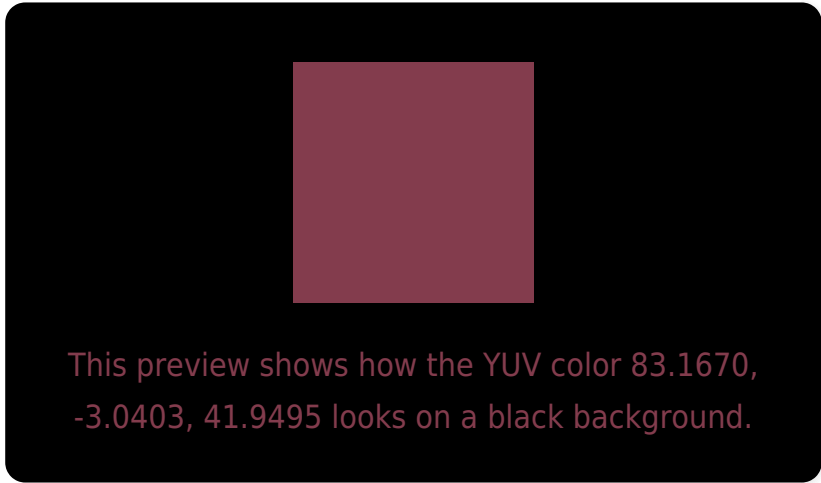
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.1670, -3.0403, 41.9495

Background



This preview shows how black text looks on a background with the YUV color 83.1670, -3.0403, 41.9495.



This preview shows how white text looks on a background with the YUV color 83.1670, -3.0403,

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

83.1670, -3.0403, 41.9495

Protanopia

83.7980, 3.0576, -0.6998

Deuteranopia

83.8010, -4.8319, 9.8215



Tritanopia

82.7880, -8.2765, 41.4049

Trichromacy



Original Color

83.1670, -3.0403, 41.9495

Protanomaly

83.6150, 0.6828, 14.3696

Deuteranomaly

83.6930, -4.2856, 21.3172

Tritanomaly

82.6570, -6.2399, 41.5198

Monochromacy



Original Color

83.1670, -3.0403, 41.9495

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1590, -1.0644, 14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1670, -3.0403, 41.9495 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(131, 60, 77)` looks like.

```
.text, #text, p{  
    color:rgb(131, 60, 77)  
}
```

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(131, 60, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 60, 77) }
```

Border

The CSS property to change the border of an element to YUV 83.1670, -3.0403, 41.9495 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(131, 60, 77) }
```


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

```
.border{ border-color:rgb(131, 60, 77) }
```

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

Here you see how a box with a 4 pixel rgb(131, 60, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 60, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 60, 77);  
box-shadow:4px 4px 4px 4px rgb(131, 60,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 83.1670, -3.0403, 41.9495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 60, 77) }
```

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

```
.background{ background-color: rgb(131, 60,  
77) }
```

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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