

Converting Colors

YUV(80.0330, -9.8763, 41.1901)

Have a look what the booklet for
YUV(80.0330, -9.8763, 41.1901)
contains.

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Color

**YUV(80.0330, -9.8763,
41.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	7F3C3C
RGB	127, 60, 60
RGB Percent	50%, 24%, 24%
CMY	0.5020, 0.7647, 0.7647
CMYK	0.00, 0.53, 0.53, 0.50
HSL	0°, 36%, 37%
HSV	0°, 53%, 50%
XYZ	11.1839, 8.0700, 5.2432
YIQ	80.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

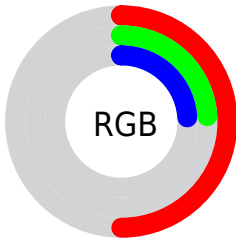
Format	Color
R_{YB}	127, 60, 60
Decimal	8338492
CIE _{Lab}	34.13, 28.94, 13.67
CIE _{LCh}	34, 32.006, 25.275
Yxy	8.0700, 0.4565, 0.3294
Android (android.graphics.Color)	4286528572 (0xFF7F3C3C)
YUV	80.0330, -9.8763, 41.1901
Hunter-Lab	28.4077, 20.5603, 8.9423

Details

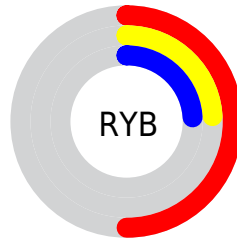
The YUV color **80.0330, -9.8763, 41.1901** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **106.9670, 9.8763, -41.1901**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8980, -11.7817, 45.6935**, and **31.2220, -6.5184, 37.5163** is the 20% darker color. If you saturate the color by 10%, you get **70.9200, -11.7926, 49.1822**, and if you desaturate by 10%, it is **89.1460, -7.9600, 33.1980**.

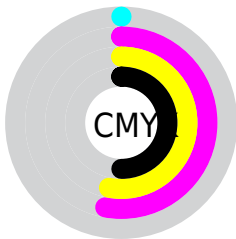
Distribution



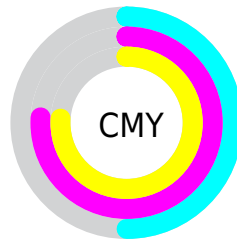
- Red (50%)
- Green (24%)
- Blue (24%)



- Red (50%)
- Yellow (24%)
- Blue (24%)



- Cyan (0%)
- Magenta (53%)
- Yellow (53%)
- Black (50%)



- Cyan (50%)
- Magenta (76%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.0330, -9.8763, 41.1901 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 80.0330, -9.8763, 41.1901 by changing the saturation by 10% instead.

80.0330, -9.8763,
41.1901

80.0330, -9.8763,
41.1901

255.0000, 0.0000,
0.0000

55.3640, -8.5605,
39.1458

130.8980,
-11.7817, 45.6935

31.2220, -6.5184,
37.5163

157.3820,
-12.5133, 47.0230

14.6510, -7.2229,
30.1241

185.2790,
-12.9555, 48.8673

2.6910, -1.3267,
5.5330

208.3920,
-11.0393, 40.8752

0.0000, 0.0000,
0.0000

227.9060, -7.3487,
23.7614

248.2350, -3.0739,

5.9329

■ 80.0330, -9.8763,
41.1901

■ 80.0330, -9.8763,
41.1901

■ 70.9200, -11.7926,
49.1822

■ 89.1460, -7.9600,
33.1980

■ 62.5080, -13.5614,
56.5595

■ 97.5580, -6.1911,
25.8206

■ 53.3950, -15.4777,
64.5516

■ 106.6710, -4.2748,
17.8285

■ 44.2820, -17.3940,
72.5437

■ 115.7840, -2.3585,
9.8364

■ 37.9730, -18.7207,
78.0767

■ 124.8970, -0.4422,
1.8443

■ 133.3090, 1.3267,
-5.5330

■ 142.4220, 3.2430,
-13.5251

■ 151.5350, 5.1592,
-21.5172

■ 159.9470, 6.9281,
-28.8945

Harmonies

Analogous

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



81.6980, 1.6279, 37.9759



80.0330, -9.8763, 41.1901



79.3450, -19.8901, 33.0234

Triad

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



80.0330, -9.8763, 41.1901



71.0880, -10.3964, -25.5102



67.2320, 31.4376, -50.1925

Complementary

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



80.0330, -9.8763, 41.1901



106.9670, 9.8763, -41.1901

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.



66.7380, 27.2442, -58.5292



80.0330, -9.8763, 41.1901



63.1410, 5.8465, -55.3747

Square

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



80.0330, -9.8763, 41.1901



75.3700, -21.3814, -2.0785



66.1050, 17.2032, -57.9741



80.8140, 22.2767, -5.0989

Rectangle

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



80.0330, -9.8763, 41.1901



78.2530, -23.7887, 23.4571



66.1050, 17.2032, -57.9741



65.7750, 31.1699, -57.6847

Sweetspot

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



80.0330, -9.8763, 41.1901



147.0730, -3.9800, 16.5990



87.6710, 19.3892, 34.4915



72.7840, -2.3585, 9.8364



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.



80.0330, -9.8763, 41.1901



92.3950, -15.4777, 64.5516



99.9910, -19.7156, 23.6869



59.0930, -1.0318, 4.3034



38.2720, -18.8681, 78.6915



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.9670, 9.8763, -41.1901



134.6050, 15.4777, -64.5516



87.5960, 19.4262, -24.2017



61.9070, 1.0318, -4.3034



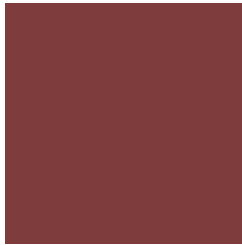
89.7280, 18.8681, -78.6915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 80.0330, -9.8763, 41.1901 looks on a white background.

Color Contrast Check

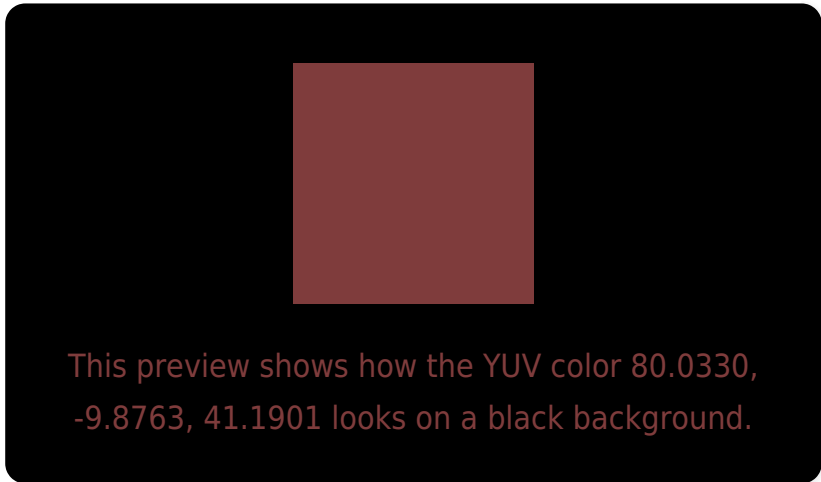
Large Text (above 18pt) WCAG AA ✓ Pass

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

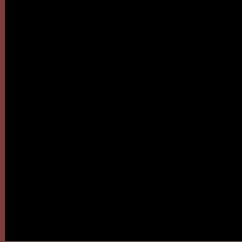
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0330, -9.8763, 41.1901

Background



This preview shows how black text looks on a background with the YUV color 80.0330, -9.8763, 41.1901.

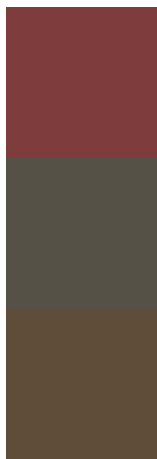


This preview shows how white text looks on a background with the YUV color 80.0330, -9.8763,

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

80.0330, -9.8763, 41.1901

Protanopia

80.9420, -5.3944, 3.5589

Deuteranopia

80.4010, -11.5367, 13.6803



Tritanopia

79.9020, -7.8397, 41.3049

Trichromacy



Original Color

80.0330, -9.8763, 41.1901

Protanomaly

80.2750, -7.0376, 17.2988

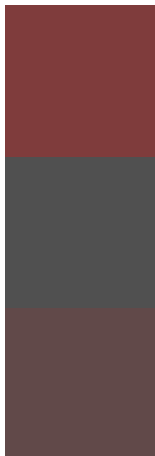
Deuteranomaly

80.2820, -10.9850, 23.4317

Tritanomaly

79.7880, -8.2765, 41.4049

Monochromacy



Original Color

80.0330, -9.8763, 41.1901

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1760, -3.5378, 14.7546

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0330, -9.8763, 41.1901 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(127, 60, 60)` looks like.

```
.text, #text, p{  
    color:rgb(127, 60, 60)  
}
```

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(127, 60, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 60, 60) }
```

Border

The CSS property to change the border of an element to YUV 80.0330, -9.8763, 41.1901 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(127, 60, 60) }
```


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

```
.border{ border-color:rgb(127, 60, 60) }
```

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

Here you see how a box with a 4 pixel rgb(127, 60, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 60, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 60, 60);  
box-shadow:4px 4px 4px 4px rgb(127, 60,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 80.0330, -9.8763, 41.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 60, 60) }
```

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

```
.background{ background-color: rgb(127, 60,  
60) }
```

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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