

Converting Colors

YUV(83.3580, -9.5435, 27.7500)

Have a look what the booklet for
YUV(83.3580, -9.5435, 27.7500)
contains.

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Color

**YUV(83.3580, -9.5435,
27.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	734740
RGB	115, 71, 64
RGB Percent	45%, 28%, 25%
CMY	0.5490, 0.7216, 0.7490
CMYK	0.00, 0.38, 0.44, 0.55
HSL	8°, 28%, 35%
HSV	8°, 44%, 45%
XYZ	10.2489, 8.5215, 5.9551
YIQ	83.3580, 28.4710, 7.1510

Conversions

Conversions Part 2

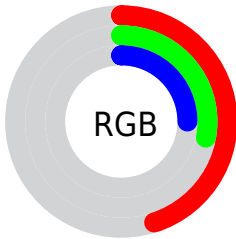
Format	Color
RYB	115, 72, 64
Decimal	7554880
CIELab	35.05, 17.96, 12.09
CIELCh	35, 21.651, 33.957
Yxy	8.5215, 0.4145, 0.3446
Android (android.graphics.Color)	4285744960 (0xFF734740)
YUV	83.3580, -9.5435, 27.7500
Hunter-Lab	29.1916, 11.5844, 8.3389

Details

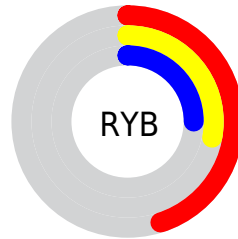
The YUV color **83.3580, -9.5435, 27.7500** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **95.6420, 9.5435, -27.7500**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7390, -10.7173, 30.9239**, and **36.9060, -7.3487, 23.7614** is the 20% darker color. If you saturate the color by 10%, you get **76.2340, -11.4544, 33.9978**, and if you desaturate by 10%, it is **90.5960, -7.1958, 21.4023**.

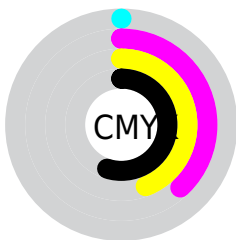
Distribution



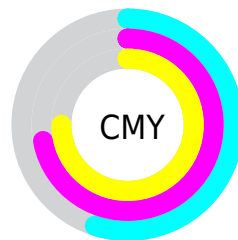
- Red (45%)
- Green (28%)
- Blue (25%)



- Red (45%)
- Yellow (28%)
- Blue (25%)



- Cyan (0%)
- Magenta (38%)
- Yellow (44%)
- Black (55%)



- Cyan (55%)
- Magenta (72%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3580, -9.5435, 27.7500 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 83.3580, -9.5435, 27.7500 by changing the saturation by 10% instead.

83.3580, -9.5435,
27.7500

83.3580, -9.5435,
27.7500

255.0000, 0.0000,
0.0000

59.5750, -8.6645,
25.8057

133.7390,
-10.7173, 30.9239

36.9060, -7.3487,
23.7614

160.2230,
-11.4489, 32.2534

14.3190, -7.0593,
24.2762

186.8210,
-11.7438, 33.4830

0.0000, 0.0000,
0.0000

215.0060,
-12.3280, 34.1977

234.9330, -8.3480,
17.5988

254.0880, -3.4944,

0.7998

■ 83.3580, -9.5435,
27.7500

■ 83.3580, -9.5435,
27.7500

■ 76.2340, -11.4544,
33.9978

■ 90.5960, -7.1958,
21.4023

■ 68.9960, -13.8020,
40.3455

■ 97.7200, -5.2850,
15.1546

■ 61.7580, -16.1497,
46.6932

■ 104.8440, -3.3741,
8.9068

■ 54.6340, -18.0606,
52.9410

■ 112.0820, -1.0264,
2.5591

■ 47.3960, -20.4082,
59.2887

■ 119.3200, 1.3212,
-3.7886

■ 43.7770, -21.5821,
62.4626

■ 126.4440, 3.2321,
-10.0364

■ 133.0950, 5.8692,
-15.8693

■ 140.2190, 7.7800,
-22.1171

■ 147.4570, 10.1277,
-28.4648

Harmonies

Analogous

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



84.1220, -1.5391, 27.0800



83.3580, -9.5435, 27.7500



82.2340, -14.9054, 20.8428

Triad

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



83.3580, -9.5435, 27.7500



76.3150, -4.5923, -20.4473



80.5970, 17.9467, -16.3096

Complementary

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



83.3580, -9.5435, 27.7500



95.6420, 9.5435, -27.7500

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.



74.1060, 19.1747, -36.9270



83.3580, -9.5435, 27.7500



72.5500, 5.6449, -37.3163

Square

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



83.3580, -9.5435, 27.7500



78.9380, -12.7874, -5.2076



69.1170, 15.7183, -48.3376



83.8660, 13.3771, 2.7485

Rectangle

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



83.3580, -9.5435, 27.7500



81.4350, -16.4835, 13.6505



69.1170, 15.7183, -48.3376



78.6670, 18.4052, -23.3870

Sweetspot

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



83.3580, -9.5435, 27.7500



138.4420, -3.6689, 10.1364



84.2650, 11.7014, 26.9546



69.0610, -2.4951, 6.9625



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



83.3580, -9.5435, 27.7500



101.0780, -14.8285, 42.9046



98.0330, -16.7783, 14.8801



55.3810, -1.1738, 3.1739



46.4570, -22.9033, 66.2512



94.7080, -46.6910, 136.1911

Inverse Universe

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



95.6420, 9.5435, -27.7500



120.5090, 14.5391, -43.4194



80.9670, 16.7783, -14.8801



56.6190, 1.1738, -3.1739



76.1300, 22.6139, -66.7660



155.2920, 46.6910, -136.1911

Previews

White Background



This preview shows how the YUV color 83.3580, -9.5435, 27.7500 looks on a white background.

Color Contrast Check

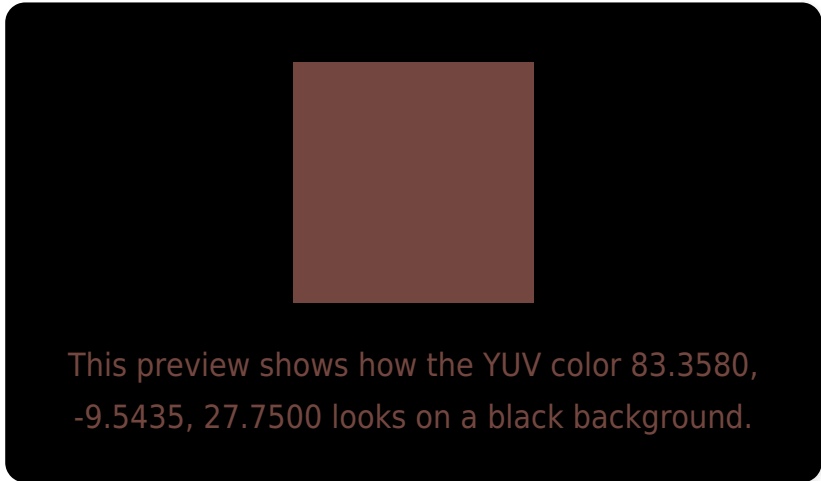
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.3580, -9.5435, 27.7500

Background



This preview shows how black text looks on a background with the YUV color 83.3580, -9.5435, 27.7500.

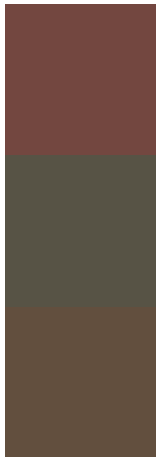


This preview shows how white text looks on a background with the YUV color 83.3580, -9.5435,

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

83.3580, -9.5435, 27.7500

Protanopia

82.6000, -6.7048, 3.8588

Deuteranopia

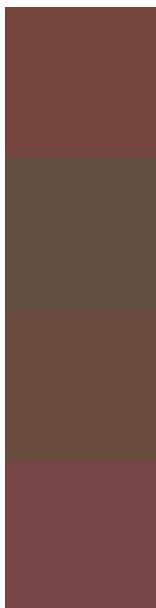
82.7430, -10.2263, 13.3804



Tritanopia

83.7370, -4.3073, 28.2947

Trichromacy



Original Color

83.3580, -9.5435, 27.7500

Protanomaly

83.0140, -7.8949, 12.2657

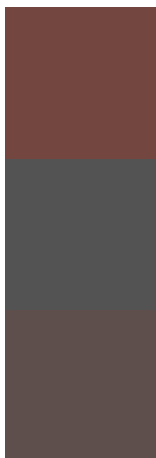
Deuteranomaly

82.8900, -9.8058, 18.5135

Tritanomaly

83.8680, -6.3439, 28.1798

Monochromacy



Original Color

83.3580, -9.5435, 27.7500

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.4420, -3.6689, 10.1364

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3580, -9.5435, 27.7500 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(115, 71, 64)` looks like.

```
.text, #text, p{  
    color:rgb(115, 71, 64)  
}
```

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(115, 71, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 71, 64) }
```

Border

The CSS property to change the border of an element to YUV 83.3580, -9.5435, 27.7500 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(115, 71, 64) }
```


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

```
.border{ border-color:rgb(115, 71, 64) }
```

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

Here you see how a box with a 4 pixel rgb(115, 71, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 71, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 71, 64);  
box-shadow:4px 4px 4px 4px rgb(115, 71,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 83.3580, -9.5435, 27.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 71, 64) }
```

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

```
.background{ background-color: rgb(115, 71,  
64) }
```

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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