

Converting Colors

YUV(80.5520, -3.7231, 27.5799)

Have a look what the booklet for
YUV(80.5520, -3.7231, 27.5799)
contains.

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Color

**YUV(80.5520, -3.7231,
27.5799)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 704249 |
| RGB | 112, 66, 73 |
| RGB Percent | 44%, 26%, 29% |
| CMY | 0.5608, 0.7412, 0.7137 |
| CMYK | 0.00, 0.41, 0.35, 0.56 |
| HSL | 351°, 26%, 35% |
| HSV | 351°, 41%, 44% |
| XYZ | 9.8329, 7.8222, 7.2949 |
| YIQ | 80.5520, 25.1690, 11.9290 |

Conversions

Conversions Part 2

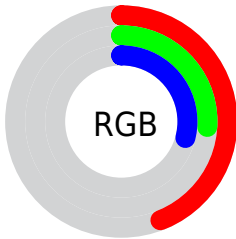
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 112, 66, 73 |
| Decimal | 7357001 |
| CIE Lab | 33.61, 20.89, 4.30 |
| CIE LCh | 34, 21.324, 11.645 |
| Yxy | 7.8222, 0.3941, 0.3135 |
| Android (android.graphics.Color) | 4285547081 (0xFF704249) |
| YUV | 80.5520, -3.7231, 27.5799 |
| Hunter-Lab | 27.9682, 13.8116, 4.1132 |

Details

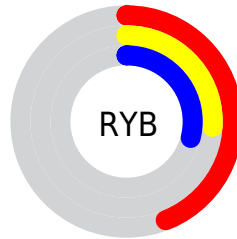
The YUV color $80.5520, -3.7231, 27.5799$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $97.4480, 3.7231, -27.5799$, and the grayscale version is $81.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $130.6340, -4.7496, 30.1390$, and $34.2850, -2.1125, 24.3061$ is the 20% darker color. If you saturate the color by 10%, you get $73.0690, -4.4710, 34.1425$, and if you desaturate by 10%, it is $88.0350, -2.9753, 21.0173$.

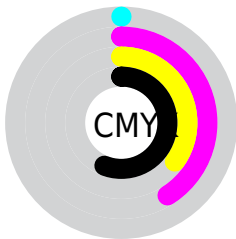
Distribution



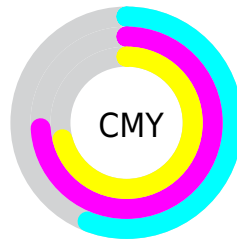
- Red (44%)
- Green (26%)
- Blue (29%)



- Red (44%)
- Yellow (26%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (35%)
- Black (56%)



- Cyan (56%)
- Magenta (74%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.5520, -3.7231, 27.5799 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 80.5520, -3.7231, 27.5799 by changing the saturation by 10% instead.

■ 80.5520, -3.7231,
27.5799

■ 80.5520, -3.7231,
27.5799

■ 255.0000, 0.0000,
0.0000

■ 57.0680, -2.9915,
26.2504

■ 130.6340, -4.7496,
30.1390

■ 34.2850, -2.1125,
24.3061

■ 156.6450, -4.7550,
31.8833

■ 12.7150, -4.2965,
24.8059

■ 183.9440, -4.9024,
32.4981

■ 0.0000, 0.0000,
0.0000

■ 211.5420, -5.1972,
33.7277

■ 232.6650, -1.8068,
19.5878

■ 252.6520, 1.1576,

2.0592

■ 80.5520, -3.7231,
27.5799

■ 80.5520, -3.7231,
27.5799

■ 73.0690, -4.4710,
34.1425

■ 88.0350, -2.9753,
21.0173

■ 65.4720, -5.6557,
40.8051

■ 95.6320, -1.7906,
14.3547

■ 57.4020, -6.1142,
47.8824

■ 103.7020, -1.3321,
7.2773

■ 49.8050, -7.2989,
54.5450

■ 111.2990, -0.1474,
0.6148

■ 42.3220, -8.0467,
61.1076

■ 118.7820, 0.6005,
-5.9478

■ 35.4260, -9.0840,
67.1554

■ 126.3790, 1.7852,
-12.6104

■ 133.8620, 2.5330,
-19.1730

■ 142.0460, 3.4283,
-26.3503

■ 149.5290, 4.1762,
-32.9129

Harmonies

Analogous

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



80.9840, 4.4449, 21.0620



80.5520, -3.7231, 27.5799



79.5920, -11.1379, 25.7908

Triad

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



80.5520, -3.7231, 27.5799



75.3720, -11.0294, -9.0962



73.0250, 18.7217, -31.5939

Complementary

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



80.5520, -3.7231, 27.5799



97.4480, 3.7231, -27.5799

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.



65.8720, 17.3181, -48.1227



80.5520, -3.7231, 27.5799



71.9770, -1.9607, -24.5358

Square

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



80.5520, -3.7231, 27.5799



77.3200, -15.4408, 5.8584



67.6250, 8.5659, -40.8901



78.2880, 16.6200, -10.7766

Rectangle

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



80.5520, -3.7231, 27.5799



78.7610, -14.1792, 21.2576



67.6250, 8.5659, -40.8901



70.2800, 18.5960, -37.9566

Sweetspot

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



80.5520, -3.7231, 27.5799



133.4250, -1.1955, 10.1513



82.6060, 14.4912, 18.7625



67.1040, -1.0373, 6.0478



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



80.5520, -3.7231, 27.5799



96.4830, -5.6611, 42.5494



88.5590, -11.1216, 20.5578



51.9080, -0.4476, 3.5887



37.9320, -9.8265, 71.9736



78.1850, -19.8112, 148.0508

Inverse Universe

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



80.5520, -3.7231, 27.5799



96.4830, -5.6611, 42.5494



89.4410, 11.1216, -20.5578



51.9080, -0.4476, 3.5887



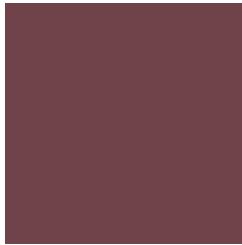
37.9320, -9.8265, 71.9736



78.1850, -19.8112, 148.0508

Previews

White Background



This preview shows how the YUV color 80.5520, -3.7231, 27.5799 looks on a white background.

Color Contrast Check

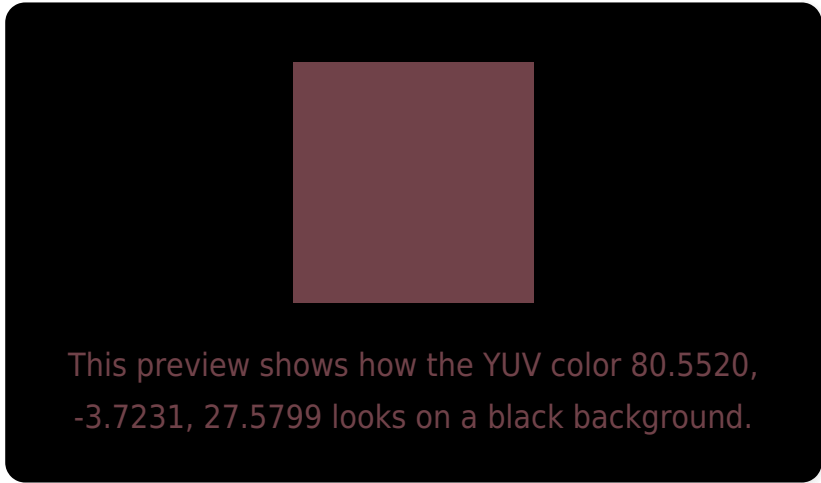
Large Text (above 18pt) WCAG AA ✓ Pass

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

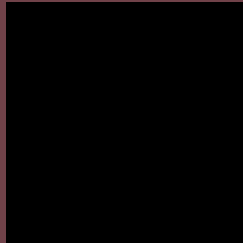
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.5520, -3.7231, 27.5799

Background



This preview shows how black text looks on a background with the YUV color 80.5520, -3.7231, 27.5799.



This preview shows how white text looks on a background with the YUV color 80.5520, -3.7231,

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

80.5520, -3.7231, 27.5799

Protanopia

79.7120, 0.1420, 1.1296

Deuteranopia

80.2030, -4.5371, 8.5920



Tritanopia

80.3240, -4.5967, 27.7799

Trichromacy



Original Color

80.5520, -3.7231, 27.5799

Protanomaly

79.7240, -1.3429, 10.7661

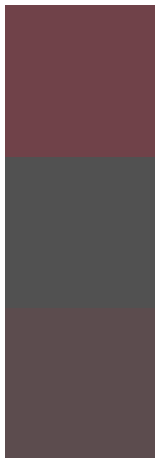
Deuteranomaly

80.3610, -4.1220, 15.4694

Tritanomaly

80.4380, -4.1599, 27.6799

Monochromacy



Original Color

80.5520, -3.7231, 27.5799

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0120, -1.4849, 9.6365

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.5520, -3.7231, 27.5799 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(112, 66, 73)` looks like.

```
.text, #text, p{  
    color:rgb(112, 66, 73)  
}
```

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(112, 66, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 66, 73) }
```

Border

The CSS property to change the border of an element to YUV 80.5520, -3.7231, 27.5799 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(112, 66, 73) }
```


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

```
.border{ border-color:rgb(112, 66, 73) }
```

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

Here you see how a box with a 4 pixel rgb(112, 66, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 66, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 66, 73);  
box-shadow:4px 4px 4px 4px rgb(112, 66,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 80.5520, -3.7231, 27.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 66, 73) }
```

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

```
.background{ background-color: rgb(112, 66,  
73) }
```

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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