

Converting Colors

YUV(86.5520, -3.7231, 27.5799)

Have a look what the booklet for
YUV(86.5520, -3.7231, 27.5799)
contains.

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Color

**YUV(86.5520, -3.7231,
27.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	76484F
RGB	118, 72, 79
RGB Percent	46%, 28%, 31%
CMY	0.5373, 0.7176, 0.6902
CMYK	0.00, 0.39, 0.33, 0.54
HSL	351°, 24%, 37%
HSV	351°, 39%, 46%
XYZ	11.1999, 9.0508, 8.5538
YIQ	86.5520, 25.1690, 11.9290

Conversions

Conversions Part 2

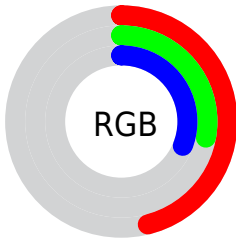
Format	Color
R_{YB}	118, 72, 79
Decimal	7751759
CIE _{Lab}	36.08, 20.64, 4.14
CIE _{LCh}	36, 21.049, 11.341
Yxy	9.0508, 0.3888, 0.3142
Android (android.graphics.Color)	4285941839 (0xFF76484F)
YUV	86.5520, -3.7231, 27.5799
Hunter-Lab	30.0845, 13.8040, 4.2015

Details

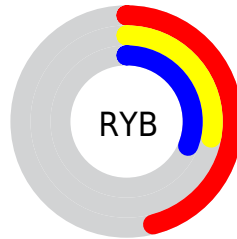
The YUV color **86.5520, -3.7231, 27.5799** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **103.4480, 3.7231, -27.5799**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7480, -4.3128, 30.0390**, and **40.1710, -2.5493, 24.4060** is the 20% darker color. If you saturate the color by 10%, you get **78.3680, -4.6184, 34.7573**, and if you desaturate by 10%, it is **94.7360, -2.8278, 20.4025**.

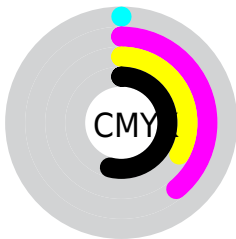
Distribution



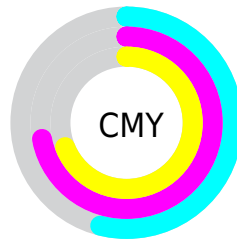
- Red (46%)
- Green (28%)
- Blue (31%)



- Red (46%)
- Yellow (28%)
- Blue (31%)



- Cyan (0%)
- Magenta (39%)
- Yellow (33%)
- Black (54%)



- Cyan (54%)
- Magenta (72%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5520, -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 86.5520, -3.7231, 27.5799 by changing the saturation by 10% instead.

86.5520, -3.7231,
27.5799

86.5520, -3.7231,
27.5799

255.0000, 0.0000,
0.0000

62.6550, -3.2809,
25.7356

136.7480, -4.3128,
30.0390

40.1710, -2.5493,
24.4060

163.3460, -4.6076,
31.2686

17.8720, -2.4019,
23.7913

190.9440, -4.9024,
32.4981

2.9900, -1.4741,
6.1478

217.9440, -4.9024,
32.4981

0.0000, 0.0000,
0.0000

238.2730, -0.6276,
14.6696

■ 86.5520, -3.7231,
27.5799

■ 86.5520, -3.7231,
27.5799

■ 78.3680, -4.6184,
34.7573

■ 94.7360, -2.8278,
20.4025

■ 70.1840, -5.5137,
41.9346

■ 102.9200, -1.9326,
13.2252

■ 62.5870, -6.6984,
48.5972

■ 110.5170, -0.7479,
6.5626

■ 54.4030, -7.5937,
55.7746

■ 118.7010, 0.1474,
-0.6148

■ 46.2190, -8.4890,
62.9519

■ 126.8850, 1.0427,
-7.7921

■ 38.0350, -9.3843,
70.1293

■ 135.0690, 1.9380,
-14.9695

■ 37.3340, -9.5317,
70.7441

■ 143.2530, 2.8333,
-22.1469

■ 150.8500, 4.0180,

-28.8094

■ 159.0340, 4.9132,
-35.9868

Harmonies

Analogous

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



86.9840, 4.4449, 21.0620



86.5520, -3.7231, 27.5799



85.8910, -11.2853, 26.4056

Triad

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



86.5520, -3.7231, 27.5799



80.7850, -10.7400, -8.5814



79.2100, 18.1375, -30.8792

Complementary

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



86.5520, -3.7231, 27.5799



103.4480, 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.



73.9650, 16.2863, -43.8193



86.5520, -3.7231, 27.5799



78.2760, -2.1081, -23.9211

Square

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



86.5520, -3.7231, 27.5799



83.2060, -15.8776, 5.9583



74.8210, 7.9762, -38.4310



84.2880, 16.6200, -10.7766

Rectangle

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



86.5520, -3.7231, 27.5799



84.7610, -14.1792, 21.2576



74.8210, 7.9762, -38.4310



77.1770, 18.1537, -36.1122

Sweetspot

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



86.5520, -3.7231, 27.5799



140.6100, -1.7797, 10.8660



88.6060, 14.4912, 18.7625



69.4030, -1.1847, 6.6626



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.



86.5520, -3.7231, 27.5799



103.7820, -5.8085, 43.1642



94.5590, -11.1216, 20.5578



54.9080, -0.4476, 3.5887



38.6440, -9.6845, 73.1032



79.0820, -20.2534, 149.8951

Inverse Universe

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



86.5520, -3.7231, 27.5799



103.7820, -5.8085, 43.1642



95.4410, 11.1216, -20.5578



54.9080, -0.4476, 3.5887



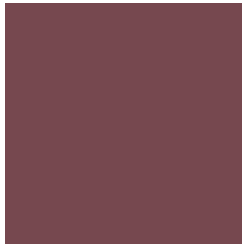
38.6440, -9.6845, 73.1032



79.0820, -20.2534, 149.8951

Previews

White Background



This preview shows how the YUV color 86.5520, -3.7231, 27.5799 looks on a white background.

Color Contrast Check

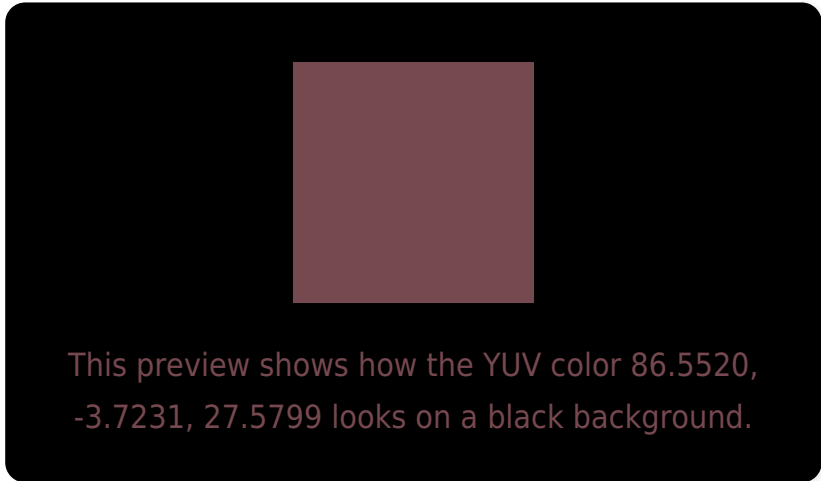
Large Text (above 18pt) WCAG AA ✓ Pass

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

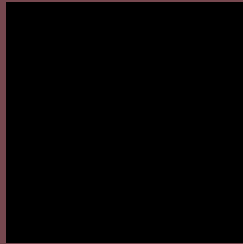
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5520, -3.7231, 27.5799

Background



This preview shows how black text looks on a background with the YUV color 86.5520, -3.7231, 27.5799.



This preview shows how white text looks on a background with the YUV color 86.5520, -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

86.5520, -3.7231, 27.5799

Protanopia

85.4130, 0.2894, 0.5148

Deuteranopia

85.6160, -4.2477, 9.1068



Tritanopia

86.4380, -4.1599, 27.6799

Trichromacy



Original Color

86.5520, -3.7231, 27.5799

Protanomaly

85.7240, -1.3429, 10.7661

Deuteranomaly

85.7740, -3.8326, 15.9842

Tritanomaly

86.4380, -4.1599, 27.6799

Monochromacy



Original Color

86.5520, -3.7231, 27.5799

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0120, -1.4849, 9.6365

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5520, -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(118, 72, 79)` looks like.

```
.text, #text, p{  
    color:rgb(118, 72, 79)  
}
```

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(118, 72, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 72, 79) }
```

Border

The CSS property to change the border of an element to YUV 86.5520, -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(118, 72, 79) }
```


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

```
.border{ border-color:rgb(118, 72, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 72, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 72, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 72, 79);  
box-shadow:4px 4px 4px 4px rgb(118, 72,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 86.5520, -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(118, 72, 79) }
```

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

```
.background{ background-color: rgb(118, 72,  
79) }
```

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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