

Converting Colors

YUV(80.0720, 4.4015, 35.0169)

Have a look what the booklet for
YUV(80.0720, 4.4015, 35.0169)
contains.

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Color

**YUV(80.0720, 4.4015,
35.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	783A59
RGB	120, 58, 89
RGB Percent	47%, 23%, 35%
CMY	0.5294, 0.7725, 0.6510
CMYK	0.00, 0.52, 0.26, 0.53
HSL	330°, 35%, 35%
HSV	330°, 52%, 47%
XYZ	11.0620, 7.7405, 10.3622
YIQ	80.0720, 27.0010, 22.7850

Conversions

Conversions Part 2

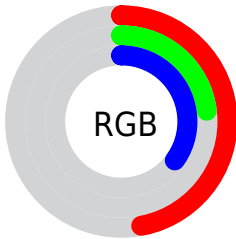
Format	Color
R_{YB}	120, 58, 89
Decimal	7879257
CIE Lab	33.44, 31.03, -6.08
CIE LCh	33, 31.620, 348.920
Yxy	7.7405, 0.3793, 0.2654
Android (android.graphics.Color)	4286069337 (0xFF783A59)
YUV	80.0720, 4.4015, 35.0169
Hunter-Lab	27.8217, 22.2841, -2.6075

Details

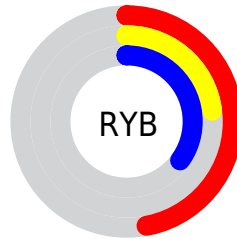
The YUV color **80.0720, 4.4015, 35.0169** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **97.9280, -4.4015, -35.0169**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6810, 4.1013, 37.9908**, and **30.9300, 6.4435, 33.3874** is the 20% darker color. If you saturate the color by 10%, you get **72.3440, 5.2534, 41.7943**, and if you desaturate by 10%, it is **87.8000, 3.5496, 28.2394**.

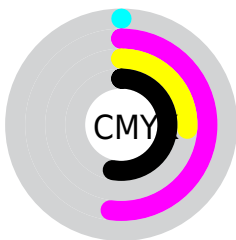
Distribution



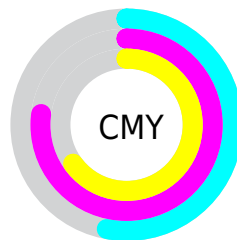
- Red (47%)
- Green (23%)
- Blue (35%)



- Red (47%)
- Yellow (23%)
- Blue (35%)



- Cyan (0%)
- Magenta (52%)
- Yellow (26%)
- Black (53%)





- Cyan (53%)
- Magenta (77%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.0720, 4.4015, 35.0169 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 80.0720, 4.4015, 35.0169 by changing the saturation by 10% instead.

 80.0720, 4.4015,
35.0169

 80.0720, 4.4015,
35.0169

255.0000, 0.0000,
0.0000

 55.5880, 5.1331,
33.6873


 130.6810, 4.1013,
37.9908


 30.9300, 6.4435,
33.3874

 157.2790, 3.8065,
39.2203


 16.3760, 3.2656,
25.9802

 184.8770, 3.5116,
40.4499

 2.0930, -1.0318,
4.3034

 211.0940, 4.3907,
38.5056

 0.0000, 0.0000,
0.0000

 230.8360, 8.9549,
21.1918

 248.5430, 3.1833,

5.6628

■ 80.0720, 4.4015,
35.0169

■ 80.0720, 4.4015,
35.0169

■ 72.3440, 5.2534,
41.7943

■ 87.8000, 3.5496,
28.2394

■ 64.6160, 6.1053,
48.5718

■ 95.5280, 2.6977,
21.4619

■ 56.8880, 6.9572,
55.3492

■ 103.2560, 1.8458,
14.6845

■ 49.1600, 7.8091,
62.1267

■ 110.9840, 0.9939,
7.9070

■ 42.7200, 8.5190,
67.7746

■ 118.7120, 0.1420,
1.1296

■ 126.4400, -0.7099,
-5.6479

■ 134.1680, -1.5618,
-12.4253

■ 141.8960, -2.4137,
-19.2028

■ 149.6240, -3.2656,
-25.9802

Harmonies

Analogous

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



81.4100, 15.0809, 16.3034



80.0720, 4.4015, 35.0169



78.7170, -7.2555, 40.5902

Triad

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



80.0720, 4.4015, 35.0169



74.4630, -22.4133, 2.2249



65.4670, 24.9128, -57.4146

Complementary

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



80.0720, 4.4015, 35.0169



97.9280, -4.4015, -35.0169

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.



64.1330, 14.7244, -56.2446



80.0720, 4.4015, 35.0169



71.0240, -13.3228, -20.1920

Square

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



80.0720, 4.4015, 35.0169



76.8290, -24.0727, 21.1980



61.1690, 3.3677, -53.6452



63.9000, 31.6013, -56.0403

Rectangle

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



80.0720, 4.4015, 35.0169



78.3440, -14.9596, 38.2863



61.1690, 3.3677, -53.6452



65.2560, 21.5658, -57.2295

Sweetspot

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



80.0720, 4.4015, 35.0169



139.8430, 1.5564, 14.1697



74.3370, 22.5119, 12.8595



69.3970, 1.2833, 8.4218



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



80.0720, 4.4015, 35.0169



93.4750, 6.6678, 54.8344



76.5380, -9.1392, 38.1162



57.1360, 0.4260, 3.3887



44.4430, 8.6556, 70.6485



89.7120, 17.8900, 142.3266

Inverse Universe

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



80.0720, 4.4015, 35.0169



93.4750, 6.6678, 54.8344



101.4620, 9.1392, -38.1162



57.1360, 0.4260, 3.3887



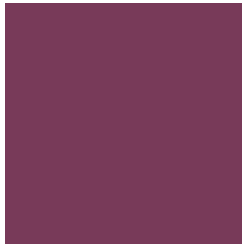
44.4430, 8.6556, 70.6485



89.7120, 17.8900, 142.3266

Previews

White Background



This preview shows how the YUV color 80.0720, 4.4015, 35.0169 looks on a white background.

Color Contrast Check

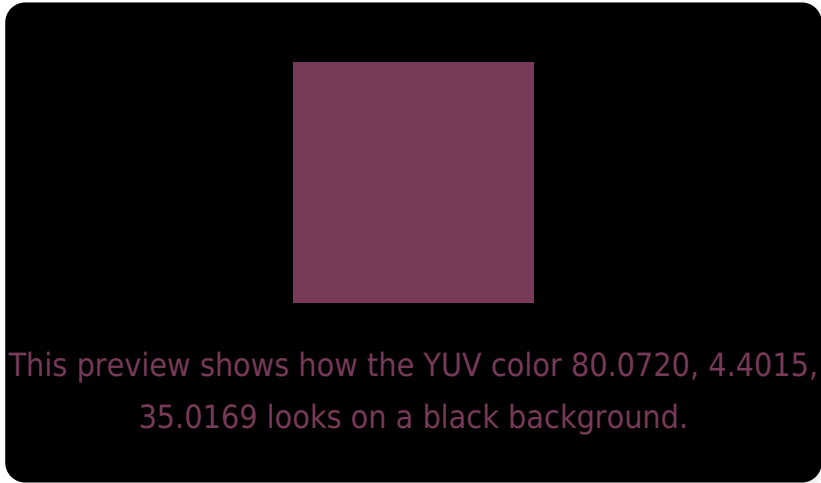
Large Text (above 18pt) WCAG AA ✓ Pass

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

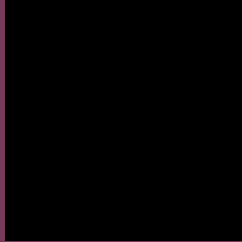
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0720, 4.4015, 35.0169

Background



This preview shows how black text looks on a background with the YUV color 80.0720, 4.4015, 35.0169.



This preview shows how white text looks on a background with the YUV color 80.0720, 4.4015,

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

80.0720, 4.4015, 35.0169

Protanopia

79.3550, 11.6570, -5.5733

Deuteranopia

80.1190, 2.8993, 3.4036



Tritanopia

79.3140, -6.0708, 33.9276

Trichromacy



Original Color

80.0720, 4.4015, 35.0169

Protanomaly

79.7590, 8.9928, 8.9814

Deuteranomaly

80.0110, 3.4456, 14.8994

Tritanomaly

79.9380, -2.4344, 34.2574

Monochromacy



Original Color

80.0720, 4.4015, 35.0169

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1310, 1.4144, 13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0720, 4.4015, 35.0169 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(120, 58, 89)` looks like.

```
.text, #text, p{  
    color:rgb(120, 58, 89)  
}
```

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(120, 58, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 58, 89) }
```

Border

The CSS property to change the border of an element to YUV 80.0720, 4.4015, 35.0169 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(120, 58, 89) }
```


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

```
.border{ border-color:rgb(120, 58, 89) }
```

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

Here you see how a box with a 4 pixel rgb(120, 58, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 58, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 58, 89);  
box-shadow:4px 4px 4px 4px rgb(120, 58,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 80.0720, 4.4015, 35.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 58, 89) }
```

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

```
.background{ background-color: rgb(120, 58,  
89) }
```

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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