

Converting Colors

YUV(80.2800, 12.1870, 11.1554)

Have a look what the booklet for
YUV(80.2800, 12.1870, 11.1554)
contains.

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Color

**YUV(80.2800, 12.1870,
11.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	5D4569
RGB	93, 69, 105
RGB Percent	36%, 27%, 41%
CMY	0.6353, 0.7294, 0.5882
CMYK	0.11, 0.34, 0.00, 0.59
HSL	280°, 21%, 34%
HSV	280°, 34%, 41%
XYZ	9.1921, 7.6033, 14.3477
YIQ	80.2800, 2.7480, 16.2840

Conversions

Conversions Part 2

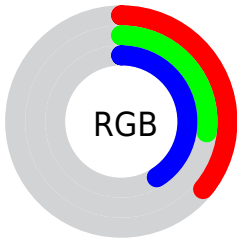
Format	Color
R_{YB}	93, 69, 105
Decimal	6112617
CIE Lab	33.14, 17.68, -17.05
CIE LCh	33, 24.562, 316.055
Yxy	7.6033, 0.2952, 0.2441
Android (android.graphics.Color)	4284302697 (0xFF5D4569)
YUV	80.2800, 12.1870, 11.1554
Hunter-Lab	27.5741, 11.2502, -11.5486

Details

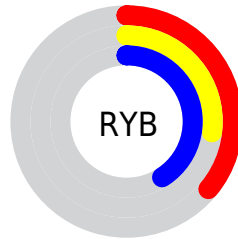
The YUV color **80.2800, 12.1870, 11.1554** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.7200, -12.1870, -11.1554**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1060, 12.7657, 12.1850**, and **35.0410, 11.3188, 9.6110** is the 20% darker color. If you saturate the color by 10%, you get **73.5130, 15.5231, 14.4591**, and if you desaturate by 10%, it is **87.3460, 8.7034, 8.4666**.

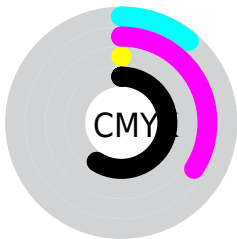
Distribution



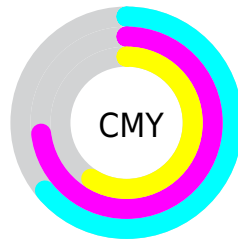
- Red (36%)
- Green (27%)
- Blue (41%)



- Red (36%)
- Yellow (27%)
- Blue (41%)



- Cyan (11%)
- Magenta (34%)
- Yellow (0%)
- Black (59%)



- Cyan (64%)
- Magenta (73%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2800, 12.1870, 11.1554 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 80.2800, 12.1870, 11.1554 by changing the saturation by 10% instead.

80.2800, 12.1870,
11.1554

80.2800, 12.1870,
11.1554

255.0000, 0.0000,
0.0000

56.8670, 11.8976,
10.6406

130.1060, 12.7657,
12.1850

35.0410, 11.3188,
9.6110

155.9320, 13.3445,
13.2146

12.1770, 11.7447,
12.9998

183.0460, 13.7813,
13.1147

1.4820, 5.6784,
-1.2997

210.4590, 14.0707,
13.6295

0.0000, 0.0000,
0.0000

237.3900, 8.6817,
15.4440

254.4130, 0.2894,

0.5148

■ 80.2800, 12.1870,
11.1554

■ 80.2800, 12.1870,
11.1554

■ 73.5130, 15.5231,
14.4591

■ 87.3460, 8.7034,
8.4666

■ 65.8600, 19.2960,
17.6628

■ 94.7000, 5.0779,
4.6481

■ 59.0930, 22.6322,
20.9664

■ 102.3530, 1.3050,
1.4444

■ 51.4400, 26.4051,
24.1701

■ 109.1200, -2.0312,
-1.8592

■ 44.6730, 29.7412,
27.4738

■ 116.1860, -5.5147,
-4.5481

■ 37.0200, 33.5141,
30.6775

■ 123.5400, -9.1402,
-8.3666

■ 32.9000, 35.5453,
32.5367

■ 130.8940,
-12.7657, -12.1850

■ 137.9600,
-16.2493, -14.8739

■ 144.7270,
-19.5854, -18.1776

Harmonies

Analogous

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



77.4560, 18.5092, -10.0469



80.2800, 12.1870, 11.1554



79.9030, 3.9918, 26.3951

Triad

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



80.2800, 12.1870, 11.1554



77.3000, -18.3889, 18.1539



61.6880, 12.9718, -54.1004

Complementary

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



80.2800, 12.1870, 11.1554



93.7200, -12.1870, -11.1554

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.



68.6770, -0.3338, -33.0427



80.2800, 12.1870, 11.1554



75.4400, -17.4719, 3.9991

Square

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



80.2800, 12.1870, 11.1554



78.3320, -13.4747, 28.6498



72.9370, -11.3079, -13.0997



63.0390, 20.6868, -55.2852

Rectangle

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



80.2800, 12.1870, 11.1554



79.3290, -2.1342, 31.2835



72.9370, -11.3079, -13.0997



60.8900, 9.9142, -53.4005

Sweetspot

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



80.2800, 12.1870, 11.1554



128.2870, 4.7885, 4.1333



80.1480, 12.2520, -9.7768



63.4070, 2.7573, 2.2741



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



80.2800, 12.1870, 11.1554



98.8600, 19.2960, 17.6628



83.1840, 7.7973, 19.1326



49.8800, 2.0312, 1.8592



36.6600, 39.6076, 36.2552



76.6670, 82.9882, 75.7140

Inverse Universe

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



81.1320, -0.0651, 20.9322



100.2090, -0.1030, 33.1427



90.8160, -7.7973, -19.1326



50.0220, -0.0108, 3.4887



39.4290, -0.2115, 68.0298



82.6030, -0.2973, 142.4222

Previews

White Background



This preview shows how the YUV color 80.2800, 12.1870, 11.1554 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



This preview shows how the YUV color 80.2800, 12.1870, 11.1554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

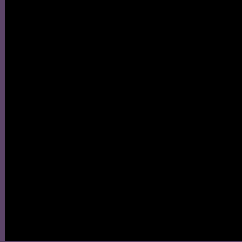
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2800, 12.1870, 11.1554

Background



This preview shows how black text looks on a background with the YUV color 80.2800, 12.1870, 11.1554.

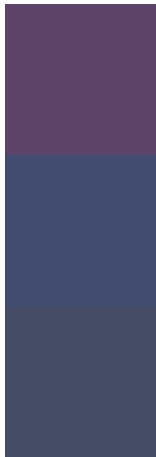


This preview shows how white text looks on a background with the YUV color 80.2800, 12.1870,

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

80.2800, 12.1870, 11.1554

Protanopia

77.8860, 16.3252, -9.5470

Deuteranopia

78.4690, 12.0938, -5.6733



Tritanopia

79.1690, 0.4097, 8.6218

Trichromacy



Original Color

80.2800, 12.1870, 11.1554

Protanomaly

78.5880, 14.9931, -2.2697

Deuteranomaly

79.2140, 12.2195, 0.6893

Tritanomaly

79.3200, 4.7722, 9.3664

Monochromacy



Original Color

80.2800, 12.1870, 11.1554

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1730, 4.3517, 4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2800, 12.1870, 11.1554 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(93, 69, 105)` looks like.

```
.text, #text, p{  
    color:rgb(93, 69, 105)  
}
```

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(93, 69, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 69, 105) }
```

Border

The CSS property to change the border of an element to YUV 80.2800, 12.1870, 11.1554 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(93, 69, 105) }
```


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

```
.border{ border-color:rgb(93, 69, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 69, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 69, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 69, 105);  
box-shadow:4px 4px 4px 4px rgb(93, 69,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 80.2800, 12.1870, 11.1554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 69, 105) }
```

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

```
.background{ background-color: rgb(93, 69,  
105) }
```

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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