

Converting Colors

YUV(117.8580, 5.4930, 11.5255)

Have a look what the booklet for
YUV(117.8580, 5.4930, 11.5255)
contains.

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Color

**YUV(117.8580, 5.4930,
11.5255)**

Conversions

Conversions Part 1

Format	Color
Hex	836D81
RGB	131, 109, 129
RGB Percent	51%, 43%, 51%
CMY	0.4863, 0.5725, 0.4941
CMYK	0.00, 0.17, 0.02, 0.49
HSL	305°, 9%, 47%
HSV	305°, 17%, 51%
XYZ	18.7912, 17.3476, 23.1269
YIQ	117.8580, 6.6920, 10.8840

Conversions

Conversions Part 2

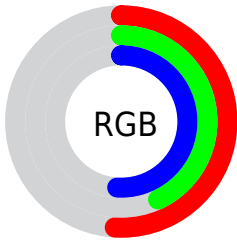
Format	Color
R_{YB}	131, 109, 129
Decimal	8613249
CIE Lab	48.70, 12.42, -7.79
CIE LCh	49, 14.660, 327.916
Yxy	17.3476, 0.3171, 0.2927
Android (android.graphics.Color)	4286803329 (0xFF836D81)
YUV	117.8580, 5.4930, 11.5255
Hunter-Lab	41.6504, 7.6446, -3.7662

Details

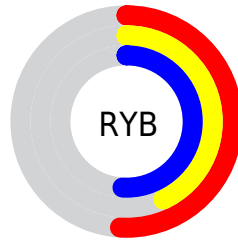
The YUV color **117.8580, 5.4930, 11.5255** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122.1420, -5.4930, -11.5255**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2710, 5.7824, 12.0403**, and **69.1460, 5.3510, 10.3960** is the 20% darker color. If you saturate the color by 10%, you get **110.1130, 8.8183, 18.3179**, and if you desaturate by 10%, it is **125.6030, 2.1677, 4.7332**.

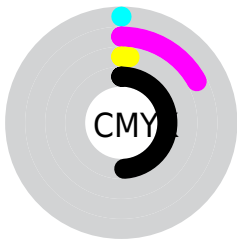
Distribution



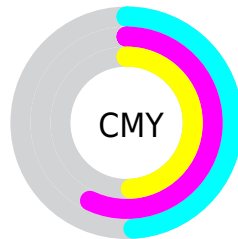
- Red (51%)
- Green (43%)
- Blue (51%)



- Red (51%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8580, 5.4930, 11.5255 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 117.8580, 5.4930, 11.5255 by changing the saturation by 10% instead.

 117.8580, 5.4930,
11.5255


 117.8580, 5.4930,
11.5255


255.0000, 0.0000,
0.0000

 93.4450, 5.2036,
11.0107


 170.2710, 5.7824,
12.0403

 69.1460, 5.3510,
10.3960


 197.5700, 5.6350,
12.6551

 46.7330, 5.0616,
9.8812

 225.0970, 6.3612,
13.0699

 25.9070, 4.4828,
8.8516

 248.5430, 3.1833,
5.6628

 4.7710, 4.0569,
5.4628

 0.0000, 0.0000,
0.0000

■ 117.8580, 5.4930,
11.5255

■ 117.8580, 5.4930,
11.5255

■ 110.1130, 8.8183,
18.3179

■ 125.6030, 2.1677,
4.7332

■ 102.3680, 12.1436,
25.1103

■ 133.3480, -1.1576,
-2.0592

■ 94.5090, 15.0321,
32.0026

■ 141.2070, -4.0461,
-8.9515

■ 86.7640, 18.3573,
38.7950

■ 148.9520, -7.3713,
-15.7439

■ 78.4320, 21.9720,
46.1021

■ 156.6970,
-10.6966, -22.5363

■ 70.6870, 25.2973,
52.8945

■ 165.0290,
-14.3113, -29.8434

■ 62.9420, 28.6226,
59.6869

■ 172.7740,
-17.6366, -36.6358

■ 55.0830, 31.5111,

■ 180.6330,

66.5792

-20.5251, -43.5281

■ 52.7350, 32.6686,
68.6384

■ 188.3780,
-23.8504, -50.3205

Harmonies

Analogous

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



116.9320, 9.8935, 0.0596



117.8580, 5.4930, 11.5255



118.0070, -0.4965, 19.2879

Triad

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



117.8580, 5.4930, 11.5255



115.5530, -12.1046, 9.1620



110.6100, 8.0803, -25.0910

Complementary

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



117.8580, 5.4930, 11.5255



122.1420, -5.4930, -11.5255

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.



111.2100, 1.3755, -21.2322



117.8580, 5.4930, 11.5255



113.7690, -9.7461, -0.6744

Square

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



117.8580, 5.4930, 11.5255



116.0640, -10.3846, 17.4839



112.2560, -5.0562, -11.6255



111.9570, 11.8532, -21.8873

Rectangle

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



117.8580, 5.4930, 11.5255



117.6930, -4.2856, 21.3172



112.2560, -5.0562, -11.6255



110.7410, 6.0437, -25.2059

Sweetspot

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



117.8580, 5.4930, 11.5255



165.6030, 2.1677, 4.7332



112.1060, 9.3147, -0.9700



83.3640, 1.2995, 3.1888



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



117.8580, 5.4930, 11.5255



150.7000, 8.5289, 17.8031



116.6040, 0.6882, 12.6253



62.4780, 1.7363, 3.0888



52.3220, 32.3793, 68.1236



1.1250, 0.4314, 1.6444

Inverse Universe

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



117.8580, 5.4930, 11.5255



150.7000, 8.5289, 17.8031



123.3960, -0.6882, -12.6253



62.4780, 1.7363, 3.0888



52.3220, 32.3793, 68.1236



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 117.8580, 5.4930, 11.5255 looks on a white background.

Color Contrast Check

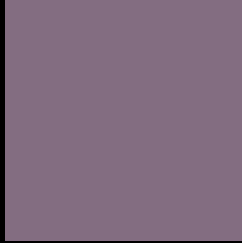
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 117.8580, 5.4930, 11.5255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 117.8580, 5.4930, 11.5255

Background



This preview shows how black text looks on a background with the YUV color 117.8580, 5.4930, 11.5255.



This preview shows how white text looks on a background with the YUV color 117.8580, 5.4930,

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

117.8580, 5.4930, 11.5255

Protanopia

116.4540, 8.1572, -3.0292

Deuteranopia

117.1020, 5.3727, 3.4185



Tritanopia

117.5930, 0.6937, 10.8809

Trichromacy



Original Color

117.8580, 5.4930, 11.5255

Protanomaly

117.2590, 7.2673, 2.4039

Deuteranomaly

117.7110, 5.0725, 6.3925

Tritanomaly

117.4620, 2.7302, 10.9958

Monochromacy



Original Color

117.8580, 5.4930, 11.5255

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1900, 1.8783, 4.2184

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8580, 5.4930, 11.5255 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(131, 109, 129)` looks like.

```
.text, #text, p{  
    color:rgb(131, 109, 129)  
}
```

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(131, 109, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 109, 129) }
```

Border

The CSS property to change the border of an element to YUV 117.8580, 5.4930, 11.5255 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(131, 109, 129) }
```


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

```
.border{ border-color:rgb(131, 109, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 109, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 109, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 109, 129);  
box-shadow:4px 4px 4px 4px rgb(131, 109,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 117.8580, 5.4930, 11.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 109, 129) }
```

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

```
.background{ background-color: rgb(131,  
109, 129) }
```

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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