

Converting Colors

YUV(111.9780, 3.4618, 9.6663)

Have a look what the booklet for
YUV(111.9780, 3.4618, 9.6663)
contains.

YUV(111.9780, 3.4618, 9.6663)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(111.9780, 3.4618,
9.6663)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6977
RGB	123, 105, 119
RGB Percent	48%, 41%, 47%
CMY	0.5176, 0.5882, 0.5333
CMYK	0.00, 0.15, 0.03, 0.52
HSL	313°, 8%, 45%
HSV	313°, 15%, 48%
XYZ	16.5497, 15.6460, 19.6005
YIQ	111.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

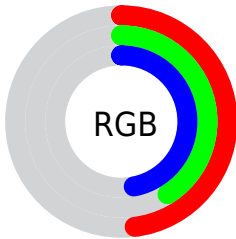
Format	Color
R_{YB}	123, 105, 119
Decimal	8087927
CIE Lab	46.51, 9.78, -5.16
CIE LCh	47, 11.055, 332.192
Yxy	15.6460, 0.3195, 0.3021
Android (android.graphics.Color)	4286278007 (0xFF7B6977)
YUV	111.9780, 3.4618, 9.6663
Hunter-Lab	39.5550, 5.4626, -1.6911

Details

The YUV color **111.9780, 3.4618, 9.6663** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116.0220, -3.4618, -9.6663**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6900, 3.6038, 10.7959**, and **64.2660, 3.3199, 8.5367** is the 20% darker color. If you saturate the color by 10%, you get **104.5920, 5.6241, 16.1438**, and if you desaturate by 10%, it is **119.3640, 1.2995, 3.1888**.

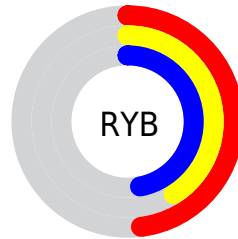
Distribution



Red (48%)

Green (41%)

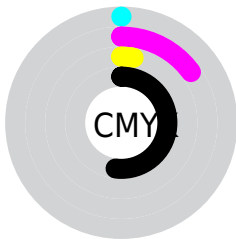
Blue (47%)



Red (48%)

Yellow (41%)

Blue (47%)

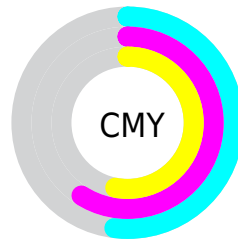


Cyan (0%)

Magenta (15%)

Yellow (3%)

Black (52%)



Cyan (52%)

Magenta (59%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.9780, 3.4618, 9.6663 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 111.9780, 3.4618, 9.6663 by changing the saturation by 10% instead.

■ 111.9780, 3.4618,
9.6663

■ 111.9780, 3.4618,
9.6663

255.0000, 0.0000,
0.0000

■ 87.5650, 3.1725,
9.1515

■ 163.6900, 3.6038,
10.7959

■ 64.2660, 3.3199,
8.5367

■ 190.6900, 3.6038,
10.7959

■ 41.8530, 3.0305,
8.0219

■ 218.6900, 3.6038,
10.7959

■ 21.4400, 2.7411,
7.5071

■ 245.6080, 4.6303,
8.2368

■ 0.0000, 0.0000,
0.0000

■ 111.9780, 3.4618,

■ 111.9780, 3.4618,

9.6663

9.6663

104.5920, 5.6241,
16.1438

119.3640, 1.2995,
3.1888

96.7330, 8.5126,
23.0362

127.2230, -1.5889,
-3.7036

89.3470, 10.6749,
29.5137

134.6090, -3.7512,
-10.1811

81.9610, 12.8372,
35.9912

141.9950, -5.9135,
-16.6586

74.5750, 14.9995,
42.4687

149.3810, -8.0758,
-23.1361

66.7160, 17.8880,
49.3611

157.2400,
-10.9643, -30.0285

59.3300, 20.0503,
55.8386

164.6260,
-13.1266, -36.5060

51.9440, 22.2126,
62.3161

172.0120,
-15.2889, -42.9835

■ 47.7210, 23.8015,
66.0197

■ 179.9850,
-17.7406, -49.9758

Harmonies

Analogous

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



111.5470, 7.1253, 1.2743



111.9780, 3.4618, 9.6663



112.1590, -1.0644, 14.7696

Triad

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



111.9780, 3.4618, 9.6663



110.0410, -8.8942, 6.1030



106.8990, 6.4588, -18.3284

Complementary

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



111.9780, 3.4618, 9.6663



116.0220, -3.4618, -9.6663

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.



107.0580, 1.9434, -16.7139



111.9780, 3.4618, 9.6663



109.0400, -7.4147, -1.7891

Square

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



111.9780, 3.4618, 9.6663



110.9000, -8.3317, 12.3657



107.7230, -3.3144, -10.2811



107.9040, 8.9213, -14.8248

Rectangle

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



111.9780, 3.4618, 9.6663



111.7740, -3.8326, 15.9842



107.7230, -3.3144, -10.2811



107.1440, 4.8590, -18.5433

Sweetspot

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



111.9780, 3.4618, 9.6663



156.6630, 1.1521, 3.8035



108.2480, 7.2727, 0.6595



79.5380, 0.7208, 2.1592



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



111.9780, 3.4618, 9.6663



143.1790, 5.3348, 15.6290



110.9520, -0.4693, 10.5661



57.3640, 1.2995, 3.1888



48.4330, 23.9435, 67.1493



97.6920, 48.4658, 135.3281

Inverse Universe

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



111.9780, 3.4618, 9.6663



143.1790, 5.3348, 15.6290



117.0480, 0.4693, -10.5661



57.3640, 1.2995, 3.1888



48.4330, 23.9435, 67.1493



97.6920, 48.4658, 135.3281

Previews

White Background



This preview shows how the YUV color 111.9780, 3.4618, 9.6663 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 111.9780, 3.4618, 9.6663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

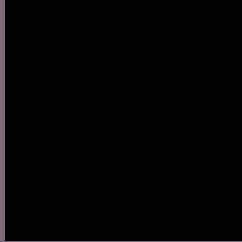
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.9780, 3.4618, 9.6663

Background



This preview shows how black text looks on a background with the YUV color 111.9780, 3.4618, 9.6663.



This preview shows how white text looks on a background with the YUV color 111.9780, 3.4618,

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

111.9780, 3.4618, 9.6663

Protanopia

111.0690, 5.3890, -1.8145

Deuteranopia

111.3580, 3.7675, 4.9480



Tritanopia

111.6960, 1.1359, 9.0366

Trichromacy



Original Color

111.9780, 3.4618, 9.6663

Protanomaly

111.2760, 4.7939, 2.3889

Deuteranomaly

111.3690, 3.7621, 6.6924

Tritanomaly

111.9240, 2.0095, 8.8367

Monochromacy



Original Color

111.9780, 3.4618, 9.6663

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7770, 1.5889, 3.7036

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.9780, 3.4618, 9.6663 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(123, 105, 119)` looks like.

```
.text, #text, p{  
    color:rgb(123, 105, 119)  
}
```

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(123, 105, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 105, 119) }
```

Border

The CSS property to change the border of an element to YUV 111.9780, 3.4618, 9.6663 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(123, 105, 119) }
```


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

```
.border{ border-color:rgb(123, 105, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 105, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 105, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 105, 119);  
box-shadow:4px 4px 4px 4px rgb(123, 105,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 111.9780, 3.4618, 9.6663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 105, 119) }
```

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

```
.background{ background-color: rgb(123,  
105, 119) }
```

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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