

Converting Colors

YUV(119.4640, -7.1308, 0.4701)

Have a look what the booklet for
YUV(119.4640, -7.1308, 0.4701)
contains.

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Color

**YUV(119.4640, -7.1308,
0.4701)**

Conversions

Conversions Part 1

Format	Color
Hex	787A69
RGB	120, 122, 105
RGB Percent	47%, 48%, 41%
CMY	0.5294, 0.5216, 0.5882
CMYK	0.02, 0.00, 0.14, 0.52
HSL	67°, 7%, 45%
HSV	67°, 14%, 48%
XYZ	17.2551, 18.9321, 16.1094
YIQ	119.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

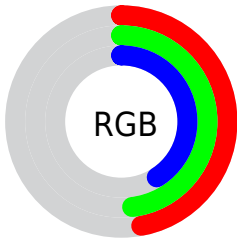
Format	Color
RYB	105, 122, 107
Decimal	7895657
CIELab	50.61, -3.99, 9.06
CIElCh	51, 9.899, 113.750
Yxy	18.9321, 0.3299, 0.3620
Android (android.graphics.Color)	4286085737 (0xFF787A69)
YUV	119.4640, -7.1308, 0.4701
Hunter-Lab	43.5110, -5.3568, 8.5063

Details

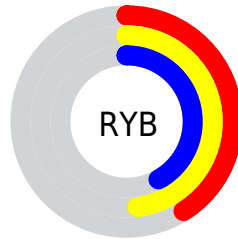
The YUV color $119.4640, -7.1308, 0.4701$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $107.5360, 7.1308, -0.4701$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $171.3500, -7.5675, 0.5701$, and $70.6920, -6.2572, 0.2701$ is the 20% darker color. If you saturate the color by 10%, you get $117.7970, -12.2249, 1.0550$, and if you desaturate by 10%, it is $121.1310, -2.0366, -0.1149$.

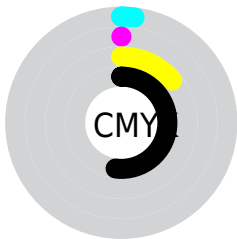
Distribution



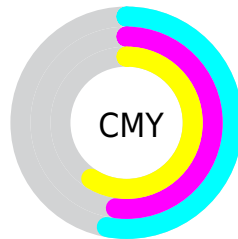
- Red (47%)
- Green (48%)
- Blue (41%)



- Red (41%)
- Yellow (48%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (52%)



- Cyan (53%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4640, -7.1308, 0.4701 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 119.4640, -7.1308, 0.4701 by changing the saturation by 10% instead.

■ 119.4640, -7.1308,
0.4701

■ 119.4640, -7.1308,
0.4701

■ 255.0000, 0.0000,
0.0000

■ 94.5780, -6.6940,
0.3701

■ 171.3500, -7.5675,
0.5701

■ 70.6920, -6.2572,
0.2701

■ 199.2360, -8.0043,
0.6700

■ 48.6920, -6.2572,
0.2701

■ 227.2360, -8.0043,
0.6700

■ 27.6920, -6.2572,
0.2701

■ 253.1760, -6.9888,
1.5996

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 119.4640, -7.1308,
0.4701

■ 119.4640, -7.1308,
0.4701

■ 117.7970,
-12.2249, 1.0550

■ 121.1310, -2.0366,
-0.1149

■ 115.8310,
-17.1717, 1.0252

■ 123.0970, 2.9102,
-0.0851

■ 114.0500,
-22.7026, 1.7102

■ 124.8780, 8.4411,
-0.7700

■ 112.0840,
-27.6494, 1.6803

■ 126.8440, 13.3879,
-0.7402

■ 110.4170,
-32.7436, 2.2653

■ 128.5110, 18.4821,
-1.3251

■ 108.4510,
-37.6903, 2.2355

■ 130.4770, 23.4288,
-1.2953

■ 106.7840,
-42.7845, 2.8204

■ 132.1440, 28.5230,
-1.8803


■ 105.0030,

■ 133.9250, 34.0540,

-48.3155, 3.5054

-2.5652

 103.9060,
-51.2257, 3.5904

 135.8910, 39.0007,
-2.5354

Harmonies

Analogous

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



120.2800, -8.0260, 7.6474



119.4640, -7.1308, 0.4701



118.2180, -4.0515, -7.2072

Triad

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



119.4640, -7.1308, 0.4701



118.2630, 7.7583, -15.1397



122.4900, 0.2514, 12.7253

Complementary

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



119.4640, -7.1308, 0.4701



107.5360, 7.1308, -0.4701

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.



121.8960, 4.4883, 7.1072



119.4640, -7.1308, 0.4701



119.8230, 8.4683, -9.4918

Square

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



119.4640, -7.1308, 0.4701



117.4540, 4.7062, -16.1842



121.2370, 7.2782, -1.0848



122.0620, -3.9746, 14.8546

Rectangle

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



119.4640, -7.1308, 0.4701



117.8800, -1.4198, -11.2958



121.2370, 7.2782, -1.0848



122.1200, 1.4198, 11.2958

Sweetspot

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



119.4640, -7.1308, 0.4701



157.0170, -2.4734, -0.0149



111.2570, -3.0847, 9.4216



78.5440, -1.7472, 0.3999



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.



119.4640, -7.1308, 0.4701



154.0250, -11.3513, 0.8551



117.0720, -5.9515, -4.4481



60.0170, -2.4734, -0.0149



106.2650, -52.3886, 3.2756



214.6010, -105.7983, 7.3659

Inverse Universe

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



107.5360, 7.1308, -0.4701



134.9750, 11.3513, -0.8551



109.9280, 5.9515, 4.4481



55.9830, 2.4734, 0.0149



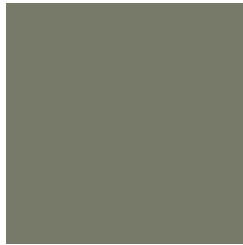
18.7350, 52.3886, -3.2756



37.6980, 105.6509, -6.7511

Previews

White Background



This preview shows how the YUV color 119.4640, -7.1308, 0.4701 looks on a white 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

Black Background



This preview shows how the YUV color 119.4640, -7.1308, 0.4701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

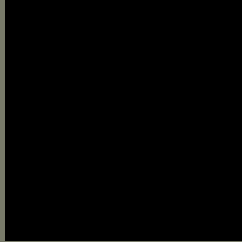
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.4640, -7.1308, 0.4701

Background



This preview shows how black text looks on a background with the YUV color 119.4640, -7.1308, 0.4701.



This preview shows how white text looks on a background with the YUV color 119.4640, -7.1308,

0.4701.

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

119.4640, -7.1308, 0.4701

Protanopia

119.9700, -7.8732, 5.2883

Deuteranopia

121.1390, -7.4635, 13.9101



Tritanopia

121.2220, 3.3416, 1.5593

Trichromacy



Original Color

119.4640, -7.1308, 0.4701

Protanomaly

119.9590, -7.8678, 3.5440

Deuteranomaly

120.5190, -7.1579, 9.1918

Tritanomaly

120.5980, -0.2948, 1.2296

Monochromacy



Original Color

119.4640, -7.1308, 0.4701

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4640, -7.1308, 0.4701 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, 122, 105)` looks like.

```
.text, #text, p{  
    color:rgb(120, 122, 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(120, 122, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 122, 105) }
```

Border

The CSS property to change the border of an element to YUV 119.4640, -7.1308, 0.4701 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, 122, 105) }
```


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

```
.border{ border-color:rgb(120, 122, 105) }
```

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

Here you see how a box with a 4 pixel rgb(120, 122, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 122, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 122, 105);  
box-shadow:4px 4px 4px 4px rgb(120, 122,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 119.4640, -7.1308, 0.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 122, 105) }
```

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

```
.background{ background-color: rgb(120,  
122, 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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