

Converting Colors

YUV(119.7240, -4.7939, -2.3889)

Have a look what the booklet for
YUV(119.7240, -4.7939, -2.3889)
contains.

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Color

**YUV(119.7240, -4.7939,
-2.3889)**

Conversions

Conversions Part 1

Format	Color
Hex	757B6E
RGB	117, 123, 110
RGB Percent	46%, 48%, 43%
CMY	0.5412, 0.5176, 0.5686
CMYK	0.05, 0.00, 0.11, 0.52
HSL	88°, 6%, 46%
HSV	88°, 11%, 48%
XYZ	17.2335, 19.0736, 17.5251
YIQ	119.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

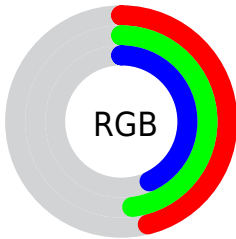
Format	Color
R_{YB}	110, 123, 116
Decimal	7699310
CIE Lab	50.77, -4.82, 6.33
CIE LCh	51, 7.959, 127.260
Yxy	19.0736, 0.3201, 0.3543
Android (android.graphics.Color)	4285889390 (0xFF757B6E)
YUV	119.7240, -4.7939, -2.3889
Hunter-Lab	43.6733, -5.9921, 6.7796

Details

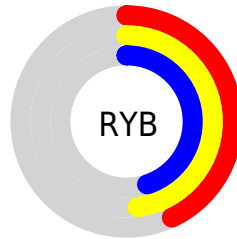
The YUV color **119.7240, -4.7939, -2.3889** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.2760, 4.7939, 2.3889**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7240, -4.7939, -2.3889**, and **71.1370, -4.5045, -1.8741** is the 20% darker color. If you saturate the color by 10%, you get **116.5620, -9.1511, -4.8779**, and if you desaturate by 10%, it is **122.8860, -0.4368, 0.1000**.

Distribution



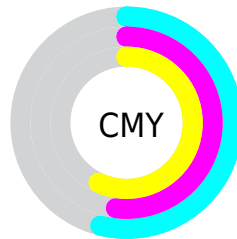
- Red (46%)
- Green (48%)
- Blue (43%)



- Red (43%)
- Yellow (48%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (52%)



- Cyan (54%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7240, -4.7939, -2.3889 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 119.7240, -4.7939, -2.3889 by changing the saturation by 10% instead.

■ 119.7240, -4.7939,
-2.3889

■ 119.7240, -4.7939,
-2.3889

255.0000, 0.0000,
0.0000

■ 94.8380, -4.3571,
-2.4889

■ 171.7240, -4.7939,
-2.3889

■ 71.1370, -4.5045,
-1.8741

■ 199.3110, -5.0833,
-2.9037

■ 48.9520, -3.9203,
-2.5889

■ 227.1970, -5.5201,
-2.8038

■ 28.2510, -4.0677,
-1.9741

■ 253.2620, -4.0732,
-0.2298

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 119.7240, -4.7939,
-2.3889

■ 119.7240, -4.7939,
-2.3889

■ 116.5620, -9.1511,
-4.8779

■ 122.8860, -0.4368,
0.1000

■ 113.5850,
-14.0924, -6.6520

■ 125.8630, 4.5045,
1.8741

■ 110.4230,
-18.4495, -9.1410

■ 129.0250, 8.8617,
4.3631

■ 107.2610,
-22.8067, -11.6299

■ 132.1870, 13.2188,
6.8520

■ 104.3980,
-27.3112, -13.5040

■ 135.1640, 18.1601,
8.6262

■ 101.1220,
-32.1051, -15.8930

■ 138.3260, 22.5173,
11.1151

■ 97.9600, -36.4623,
-18.3819

■ 141.4880, 26.8744,
13.6040

■ 95.0970, -40.9668,

■ 144.3510, 31.3790,

-20.2561

15.4782

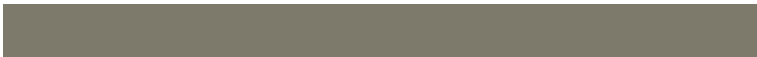
■ 91.9350, -45.3240,
-22.7450

■ 147.6270, 36.1729,
17.8671

Harmonies

Analogous

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



120.6000, -6.7048, 3.8588



119.7240, -4.7939, -2.3889



118.7880, -1.8675, -7.7071

Triad

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



119.7240, -4.7939, -2.3889



119.6550, 6.5791, -10.2214



122.0230, -1.4903, 11.3808

Complementary

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



119.7240, -4.7939, -2.3889



113.2760, 4.7939, 2.3889

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.



122.2120, 1.8675, 7.7071



119.7240, -4.7939, -2.3889



120.9870, 6.4154, -4.3736

Square

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



119.7240, -4.7939, -2.3889



118.5900, 5.1321, -12.7954



121.9770, 4.9413, 1.7742



121.9260, -4.4005, 11.4659

Rectangle

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



119.7240, -4.7939, -2.3889



118.7490, 0.6167, -11.1809



121.9770, 4.9413, 1.7742



122.0660, -0.0325, 10.4661

Sweetspot

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



119.7240, -4.7939, -2.3889



159.5330, -1.7418, -1.3444



117.4090, -3.6526, 4.9033



80.9460, -1.4524, -0.8296



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.



119.7240, -4.7939, -2.3889



155.6160, -7.6987, -4.0482



117.9300, -3.9095, -6.0776



59.4190, -2.1786, -1.2445



93.4080, -46.0501, -23.1598



188.5880, -92.9739, -46.1197

Inverse Universe

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



113.2760, 4.7939, 2.3889



145.0850, 7.8461, 3.4335



115.0700, 3.9095, 6.0776



56.5810, 2.1786, 1.2445



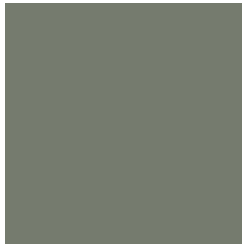
31.5920, 46.0501, 23.1598



63.7110, 92.8265, 46.7345

Previews

White Background



This preview shows how the YUV color 119.7240, -4.7939, -2.3889 looks on a white background.

Color Contrast Check

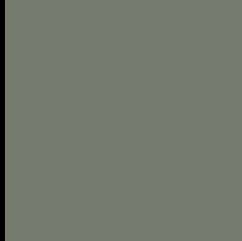
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.7240, -4.7939, -2.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

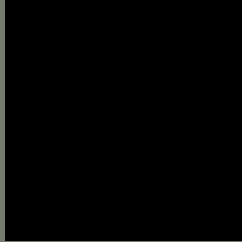
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

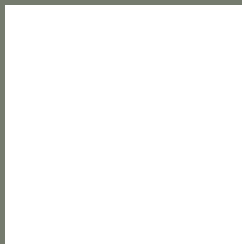
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.7240, -4.7939, -2.3889

Background



This preview shows how black text looks on a background with the YUV color 119.7240, -4.7939, -2.3889.



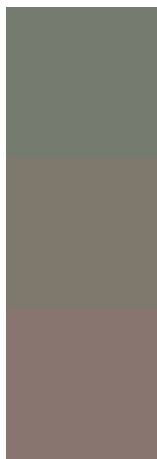
This preview shows how white text looks on a background with the YUV color 119.7240, -4.7939, -2.3889.

-2.3889.

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

119.7240, -4.7939, -2.3889

Protanopia

120.5400, -5.6892, 4.7884

Deuteranopia

121.9970, -5.4215, 12.2806



Tritanopia

121.1400, 4.3680, -0.9998

Trichromacy



Original Color

119.7240, -4.7939, -2.3889

Protanomaly

120.2300, -5.5364, 2.4293

Deuteranomaly

121.0780, -4.9685, 6.9476

Tritanomaly

120.6300, 1.1684, -1.4295

Monochromacy



Original Color

119.7240, -4.7939, -2.3889

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7240, -4.7939, -2.3889 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(117, 123, 110)` looks like.

```
.text, #text, p{  
    color:rgb(117, 123, 110)  
}
```

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(117, 123, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 123, 110) }
```

Border

The CSS property to change the border of an element to YUV 119.7240, -4.7939, -2.3889 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(117, 123, 110) }
```


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

```
.border{ border-color:rgb(117, 123, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 123, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 123, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 123, 110);  
box-shadow:4px 4px 4px 4px rgb(117, 123,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 119.7240, -4.7939, -2.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 123, 110) }
```

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

```
.background{ background-color: rgb(117,  
123, 110) }
```

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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