

Converting Colors

YUV(119.0710, -4.4720,
-12.3403)

Have a look what the booklet for
YUV(119.0710, -4.4720, -12.3403)
contains.

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Color

**YUV(119.0710, -4.4720,
-12.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	69806E
RGB	105, 128, 110
RGB Percent	41%, 50%, 43%
CMY	0.5882, 0.4980, 0.5686
CMYK	0.18, 0.00, 0.14, 0.50
HSL	133°, 10%, 46%
HSV	133°, 18%, 50%
XYZ	16.3593, 19.5674, 17.6665
YIQ	119.0710, -7.9300, -10.4740

Conversions

Conversions Part 2

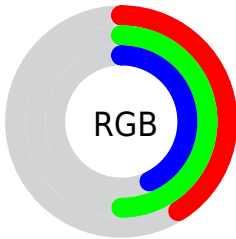
Format	Color
RYB	105, 124, 128
Decimal	6914158
CIELab	51.34, -12.15, 7.03
CIELCh	51, 14.035, 149.954
Yxy	19.5674, 0.3053, 0.3651
Android (android.graphics.Color)	4285104238 (0xFF69806E)
YUV	119.0710, -4.4720, -12.3403
Hunter-Lab	44.2350, -11.3971, 7.2854

Details

The YUV color **119.0710, -4.4720, -12.3403** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **113.9290, 4.4720, 12.3403**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3590, -4.6140, -13.4698**, and **70.4840, -4.1826, -11.8255** is the 20% darker color. If you saturate the color by 10%, you get **114.0440, -6.9237, -19.3326**, and if you desaturate by 10%, it is **124.0980, -2.0203, -5.3479**.

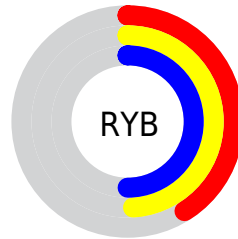
Distribution



Red (41%)

Green (50%)

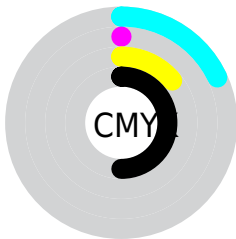
Blue (43%)



Red (41%)

Yellow (49%)

Blue (50%)

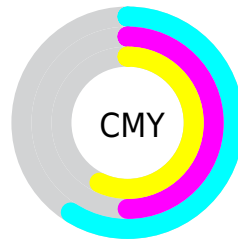


Cyan (18%)

Magenta (0%)

Yellow (14%)

Black (50%)



Cyan (59%)

Magenta (50%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0710, -4.4720, -12.3403 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 119.0710, -4.4720, -12.3403 by changing the saturation by 10% instead.

■ 119.0710, -4.4720,
-12.3403

■ 119.0710, -4.4720,
-12.3403

■ 255.0000, 0.0000,
0.0000

■ 94.4840, -4.1826,
-11.8255

■ 171.3590, -4.6140,
-13.4698

■ 70.4840, -4.1826,
-11.8255

■ 198.3590, -4.6140,
-13.4698

■ 48.0110, -3.4564,
-11.4106

■ 226.8320, -5.3402,
-13.8847

■ 26.7230, -3.3144,
-10.2811

■ 249.3750, -2.1569,
-8.2219

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 119.0710, -4.4720,
-12.3403

■ 119.0710, -4.4720,
-12.3403

■ 114.0440, -6.9237,
-19.3326

■ 124.0980, -2.0203,
-5.3479

■ 109.0170, -9.3754,
-26.3249

■ 129.1250, 0.4314,
1.6444

■ 104.2890,
-11.9745, -32.7025

■ 133.8530, 3.0305,
8.0219

■ 99.2620, -14.4262,
-39.6948

■ 138.8800, 5.4822,
15.0142

■ 94.2350, -16.8779,
-46.6871

■ 143.9070, 7.9338,
22.0066

■ 89.2080, -19.3295,
-53.6794

■ 148.9340, 10.3855,
28.9989

■ 84.1810, -21.7812,
-60.6717


■ 153.9610, 12.8372,
35.9912


■ 79.4530, -24.3803,

■ 158.6890, 15.4363,

-67.0493

42.3687

 78.3280, -24.8117,
-68.6937

 163.7160, 17.8880,
49.3611

Harmonies

Analogous

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



120.4700, -9.5987, -1.2892



119.0710, -4.4720, -12.3403



117.7370, 2.1017, -20.8173

Triad

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



119.0710, -4.4720, -12.3403



121.4360, 12.1101, -10.9064



124.1120, -6.4642, 20.0728

Complementary

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



119.0710, -4.4720, -12.3403



113.9290, 4.4720, 12.3403

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.



124.5940, -0.7858, 18.7731



119.0710, -4.4720, -12.3403



123.5300, 9.5987, 1.2892

Square

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



119.0710, -4.4720, -12.3403



119.5550, 11.5584, -20.6577



124.7440, 5.0562, 11.6255



123.3520, -10.5265, 16.3543

Rectangle

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



119.0710, -4.4720, -12.3403



117.7520, 6.0383, -23.4615



124.7440, 5.0562, 11.6255



124.2800, -4.5750, 20.8024

Sweetspot

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



119.0710, -4.4720, -12.3403



162.5110, -1.7309, -4.8331



123.8830, -9.3093, -0.7744



82.0490, -1.0102, -2.6740



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



119.0710, -4.4720, -12.3403



151.6310, -7.2131, -19.8474



120.3250, 0.3328, -13.4400



61.3370, -1.1521, -3.8035



78.3280, -24.8117, -68.6937



0.0000, 0.0000, 0.0000

Inverse Universe

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



113.9290, 4.4720, 12.3403



143.3690, 7.2131, 19.8474



112.6750, -0.3328, 13.4400



59.6630, 1.1521, 3.8035



49.6720, 24.8117, 68.6937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 119.0710, -4.4720, -12.3403 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 119.0710, -4.4720, -12.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

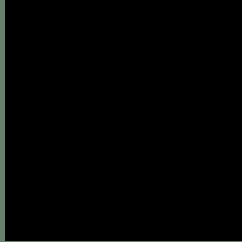
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.0710, -4.4720, -12.3403

Background



This preview shows how black text looks on a background with the YUV color 119.0710, -4.4720, -12.3403.



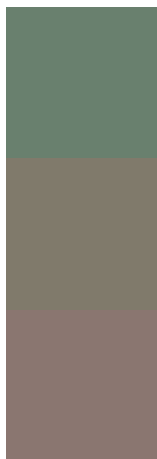
This preview shows how white text looks on a background with the YUV color 119.0710, -4.4720,

-12.3403.

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

119.0710, -4.4720, -12.3403

Protanopia

122.0840, -7.4364, 5.1883

Deuteranopia

123.2960, -5.5689, 12.8954



Tritanopia

121.2420, 6.2897, -10.7362

Trichromacy



Original Color

119.0710, -4.4720, -12.3403

Protanomaly

120.9800, -6.3991, -0.8595

Deuteranomaly

121.9420, -5.3944, 3.5589

Tritanomaly

120.5040, 2.2165, -10.9660

Monochromacy



Original Color

119.0710, -4.4720, -12.3403

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0710, -4.4720, -12.3403 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(105, 128, 110)` looks like.

```
.text, #text, p{  
    color:rgb(105, 128, 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(105, 128, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 128, 110) }
```

Border

The CSS property to change the border of an element to YUV 119.0710, -4.4720, -12.3403 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(105, 128, 110) }
```


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

```
.border{ border-color:rgb(105, 128, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 128, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 128, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 128, 110);  
box-shadow:4px 4px 4px 4px rgb(105, 128,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 119.0710, -4.4720, -12.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 128, 110) }
```

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

```
.background{ background-color: rgb(105,  
128, 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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