

Converting Colors

YUV(116.4600, -11.0728,
4.8586)

Have a look what the booklet for
YUV(116.4600, -11.0728, 4.8586)
contains.

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Color

**YUV(116.4600, -11.0728,
4.8586)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7A765E |
| RGB | 122, 118, 94 |
| RGB Percent | 48%, 46%, 37% |
| CMY | 0.5216, 0.5373, 0.6314 |
| CMYK | 0.00, 0.03, 0.23, 0.52 |
| HSL | 51°, 13%, 42% |
| HSV | 51°, 23%, 48% |
| XYZ | 16.5249, 17.9026, 13.1743 |
| YIQ | 116.4600, 10.0880, -6.6160 |

Conversions

Conversions Part 2

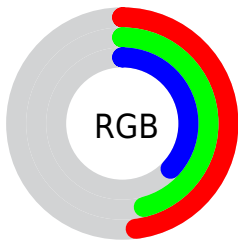
| Format | Color |
|-------------------------------------|--|
| RYB | 99, 122, 94 |
| Decimal | 8025694 |
| CIELab | 49.38, -2.74, 13.80 |
| CIELCh | 49, 14.069, 101.219 |
| Yxy | 17.9026, 0.3471, 0.3761 |
| Android (android.graphics.Color) | 4286215774 (0xFF7A765E) |
| YUV | 116.4600, -11.0728, 4.8586 |
| Hunter-Lab | 42.3115, -4.3314, 11.1572 |

Details

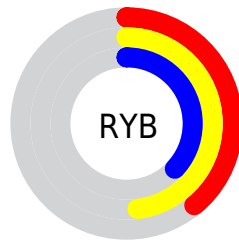
The YUV color **116.4600, -11.0728, 4.8586** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.5400, 11.0728, -4.8586**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5310, -12.0938, 5.6733**, and **68.3890, -10.0518, 4.0438** is the 20% darker color. If you saturate the color by 10%, you get **113.9180, -15.7356, 7.0879**, and if you desaturate by 10%, it is **119.0020, -6.4100, 2.6292**.

Distribution



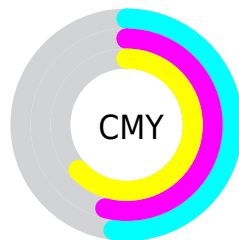
- Red (48%)
- Green (46%)
- Blue (37%)



- Red (39%)
- Yellow (48%)
- Blue (37%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4600, -11.0728, 4.8586 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 116.4600, -11.0728, 4.8586 by changing the saturation by 10% instead.

■ 116.4600,
-11.0728, 4.8586

■ 116.4600,
-11.0728, 4.8586

■ 255.0000, 0.0000,
0.0000

■ 91.5740, -10.6360,
4.7586

■ 168.5310,
-12.0938, 5.6733

■ 68.3890, -10.0518,
4.0438

■ 195.5310,
-12.0938, 5.6733

■ 46.2040, -9.4676,
3.3291

■ 223.4170,
-12.5306, 5.7733

■ 24.8190, -12.2358,
4.5437

■ 251.1070,
-12.3778, 3.4142

■ 0.0000, 0.0000,
0.0000

■ 116.4600,

■ 116.4600,

-11.0728, 4.8586

-11.0728, 4.8586

■ 113.9180,
-15.7356, 7.0879

■ 119.0020, -6.4100,
2.6292

■ 111.9630,
-20.6878, 8.8024

■ 120.9570, -1.4578,
0.9147

■ 109.3070,
-25.7874, 11.1318

■ 123.6130, 3.6418,
-1.4146

■ 106.7650,
-30.4501, 13.3611

■ 126.1550, 8.3046,
-3.6439

■ 104.2230,
-35.1129, 15.5904

■ 128.6970, 12.9674,
-5.8733

■ 102.2680,
-40.0651, 17.3050

■ 130.6520, 17.9196,
-7.5878

■ 99.7260, -44.7279,
19.5343

■ 133.1940, 22.5824,
-9.8171

■ 98.1130, -48.3697,
20.9489

■ 135.8500, 27.6820,
-12.1464

■ 138.3920, 32.3447,
-14.3758

Harmonies

Analogous

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



117.8140, -11.2473, 14.1951



116.4600, -11.0728, 4.8586



114.6050, -7.6933, -5.7926

Triad

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



116.4600, -11.0728, 4.8586



113.0770, 9.8220, -23.7465



119.7830, 2.5720, 15.0993

Complementary

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



116.4600, -11.0728, 4.8586



99.5400, 11.0728, -4.8586

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.



119.0960, 7.8407, 5.1778



116.4600, -11.0728, 4.8586



115.3920, 12.1317, -17.8838

Square

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



116.4600, -11.0728, 4.8586



112.7090, 4.5805, -22.5468



117.6430, 11.5150, -6.7029



119.3230, -3.1172, 19.8877

Rectangle

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



116.4600, -11.0728, 4.8586



114.1850, -4.0352, -12.4402



117.6430, 11.5150, -6.7029



119.6300, 4.6194, 11.7255

Sweetspot

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



116.4600, -11.0728, 4.8586



156.1590, -4.5154, 1.6146



102.8280, -2.3802, 16.8138



77.7290, -2.3314, 1.1147



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.



116.4600, -11.0728, 4.8586



149.4620, -17.4828, 7.4878



115.8180, -10.7563, -3.3484



59.7290, -2.3314, 1.1147



100.1840, -49.3907, 21.7636



202.1400, -99.6550, 43.7272

Inverse Universe

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



99.5400, 11.0728, -4.8586



122.5380, 17.4828, -7.4878



100.1820, 10.7563, 3.3484



56.2710, 2.3314, -1.1147



24.8160, 49.3907, -21.7636



49.8600, 99.6550, -43.7272

Previews

White Background



This preview shows how the YUV color 116.4600, -11.0728, 4.8586 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 116.4600, -11.0728, 4.8586 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

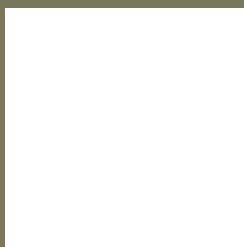
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.4600, -11.0728, 4.8586

Background



This preview shows how black text looks on a background with the YUV color 116.4600, -11.0728, 4.8586.



This preview shows how white text looks on a background with the YUV color 116.4600, -11.0728,

4.8586.

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

116.4600, -11.0728, 4.8586

Protanopia

116.7700, -11.2256, 7.2177

Deuteranopia

117.8250, -11.2527, 15.9395



Tritanopia

118.6140, 2.1623, 6.4775

Trichromacy



Original Color

116.4600, -11.0728, 4.8586

Protanomaly

116.4710, -11.0782, 6.6029

Deuteranomaly

117.5040, -11.0945, 11.8360

Tritanomaly

117.6480, -2.7845, 6.4477

Monochromacy



Original Color

116.4600, -11.0728, 4.8586

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.2730, -4.0786, 1.5146

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4600, -11.0728, 4.8586 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(122, 118, 94)` looks like.

```
.text, #text, p{  
    color:rgb(122, 118, 94)  
}
```

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(122, 118, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 118, 94) }
```

Border

The CSS property to change the border of an element to YUV 116.4600, -11.0728, 4.8586 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(122, 118, 94) }
```


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

```
.border{ border-color:rgb(122, 118, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 118, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 118, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 118, 94);  
box-shadow:4px 4px 4px 4px rgb(122, 118,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 116.4600, -11.0728, 4.8586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 118, 94) }
```

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

```
.background{ background-color: rgb(122,  
118, 94) }
```

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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