

Converting Colors

YUV(116.9100, -6.8576, 6.2179)

Have a look what the booklet for
YUV(116.9100, -6.8576, 6.2179)
contains.

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Color

**YUV(116.9100, -6.8576,
6.2179)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7467
RGB	124, 116, 103
RGB Percent	49%, 45%, 40%
CMY	0.5137, 0.5451, 0.5961
CMYK	0.00, 0.06, 0.17, 0.51
HSL	37°, 9%, 45%
HSV	37°, 17%, 49%
XYZ	17.0058, 17.7551, 15.3627
YIQ	116.9100, 8.9410, -2.3470

Conversions

Conversions Part 2

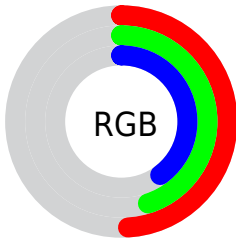
Format	Color
R_{YB}	116, 124, 103
Decimal	8156263
CIE Lab	49.20, 0.72, 8.29
CIE LCh	49, 8.321, 85.037
Yxy	17.7551, 0.3393, 0.3542
Android (android.graphics.Color)	4286346343 (0xFF7C7467)
YUV	116.9100, -6.8576, 6.2179
Hunter-Lab	42.1368, -1.6998, 7.8791

Details

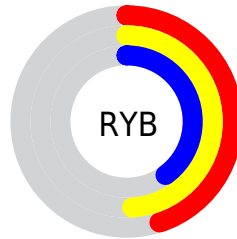
The YUV color **116.9100, -6.8576, 6.2179** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.0900, 6.8576, -6.2179**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0950, -7.4418, 6.9327**, and **68.7250, -6.2734, 5.5032** is the 20% darker color. If you saturate the color by 10%, you get **112.6070, -10.6523, 9.9917**, and if you desaturate by 10%, it is **121.2130, -3.0630, 2.4442**.

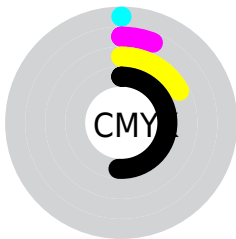
Distribution



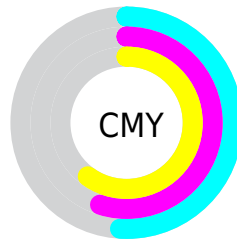
- Red (49%)
- Green (45%)
- Blue (40%)



- Red (45%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9100, -6.8576, 6.2179 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 116.9100, -6.8576, 6.2179 by changing the saturation by 10% instead.

■ 116.9100, -6.8576,
6.2179

■ 116.9100, -6.8576,
6.2179

255.0000, 0.0000,
0.0000

■ 92.0240, -6.4208,
6.1180

■ 169.0950, -7.4418,
6.9327

■ 68.7250, -6.2734,
5.5032

■ 196.0950, -7.4418,
6.9327

■ 46.5400, -5.6892,
4.7884

■ 223.9810, -7.8786,
7.0327

■ 25.4260, -6.1260,
4.8884

■ 251.1870, -6.9942,
3.3440

■ 0.0000, 0.0000,
0.0000

■ 116.9100, -6.8576,

■ 116.9100, -6.8576,

6.2179

■ 112.6070,
-10.6523, 9.9917

■ 108.7770,
-15.1731, 13.3506

■ 104.4740,
-18.9677, 17.1243

■ 100.0570,
-23.1991, 20.9980

■ 95.7540, -26.9937,
24.7717

■ 92.0380, -31.0777,
28.0307

■ 87.6210, -35.3092,
31.9044

■ 83.3180, -39.1038,
35.6781

6.2179

■ 121.2130, -3.0630,
2.4442

■ 125.0430, 1.4578,
-0.9147

■ 129.3460, 5.2524,
-4.6884

■ 133.7630, 9.4838,
-8.5622

■ 138.0660, 13.2785,
-12.3359

■ 141.7820, 17.3625,
-15.5948

■ 146.1990, 21.5939,
-19.4685

■ 150.5020, 25.3885,
-23.2423

■ 82.2750, -40.5616,
36.5928

■ 154.9190, 29.6199,
-27.1160

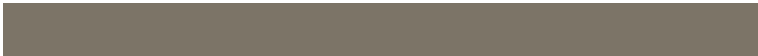
Harmonies

Analogous

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



117.8720, -5.8529, 10.6363



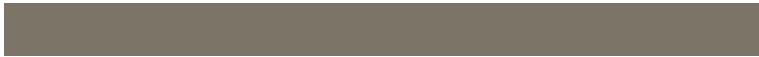
116.9100, -6.8576, 6.2179



115.8060, -5.8204, 0.1701

Triad

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



116.9100, -6.8576, 6.2179



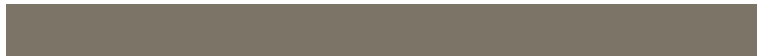
114.6500, 4.1165, -13.7251



117.9560, 3.4727, 6.1776

Complementary

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



116.9100, -6.8576, 6.2179



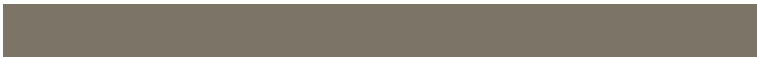
110.0900, 6.8576, -6.2179

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.



117.8950, 5.9678, -0.7849



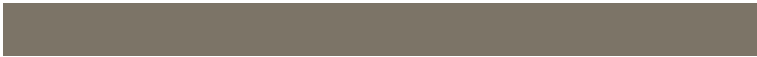
116.9100, -6.8576, 6.2179



115.5300, 6.1477, -11.8658

Square

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



116.9100, -6.8576, 6.2179



114.6350, 0.1799, -11.0809



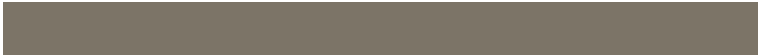
116.4920, 7.1524, -7.4475



118.3650, -0.1799, 11.0809

Rectangle

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



116.9100, -6.8576, 6.2179



115.8270, -4.3517, -4.2333



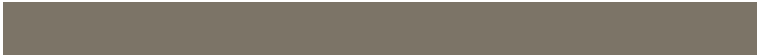
116.4920, 7.1524, -7.4475



118.1730, 4.3517, 4.2333

Sweetspot

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



116.9100, -6.8576, 6.2179



158.3270, -2.6262, 2.3442



110.1910, 0.3988, 12.1105



80.2560, -1.6052, 1.5295



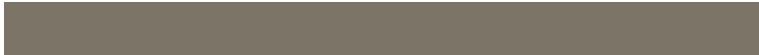
209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



116.9100, -6.8576, 6.2179



149.7210, -10.2155, 9.8917



121.0080, -8.8779, 0.8700



59.1420, -2.0420, 1.6295



82.5740, -40.7090, 37.2076



166.9200, -82.2916, 74.6152

Inverse Universe

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



110.0900, 6.8576, -6.2179



139.6920, 10.5048, -9.3769



105.9920, 8.8779, -0.8700



56.8580, 2.0420, -1.6295



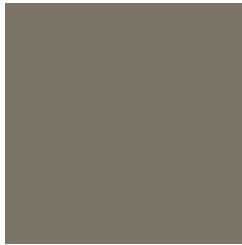
42.4260, 40.7090, -37.2076



85.0800, 82.2916, -74.6152

Previews

White Background



This preview shows how the YUV color 116.9100, -6.8576, 6.2179 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 116.9100, -6.8576, 6.2179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

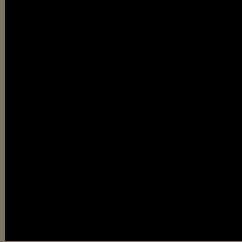
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.9100, -6.8576, 6.2179

Background



This preview shows how black text looks on a background with the YUV color 116.9100, -6.8576, 6.2179.



This preview shows how white text looks on a background with the YUV color 116.9100, -6.8576,

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

116.9100, -6.8576, 6.2179

Protanopia

116.8990, -6.8522, 4.4736

Deuteranopia

117.9540, -6.8793, 13.1953



Tritanopia

118.2120, 1.8675, 7.7071

Trichromacy



Original Color

116.9100, -6.8576, 6.2179

Protanomaly

117.1980, -6.9996, 5.0884

Deuteranomaly

117.6440, -6.7265, 10.8362

Tritanomaly

117.7020, -1.3321, 7.2773

Monochromacy



Original Color

116.9100, -6.8576, 6.2179

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.3270, -2.6262, 2.3442

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9100, -6.8576, 6.2179 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(124, 116, 103)` looks like.

```
.text, #text, p{  
    color:rgb(124, 116, 103)  
}
```

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(124, 116, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 116, 103) }
```

Border

The CSS property to change the border of an element to YUV 116.9100, -6.8576, 6.2179 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(124, 116, 103) }
```


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

```
.border{ border-color:rgb(124, 116, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 116, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 116, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 116, 103);  
box-shadow:4px 4px 4px 4px rgb(124, 116,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 116.9100, -6.8576, 6.2179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 116, 103) }
```

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

```
.background{ background-color: rgb(124,  
116, 103) }
```

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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