

Converting Colors

YUV(117.4690, -4.6682, 3.9737)

Have a look what the booklet for
YUV(117.4690, -4.6682, 3.9737)
contains.

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Color

**YUV(117.4690, -4.6682,
3.9737)**

Conversions

Conversions Part 1

Format	Color
Hex	7A756C
RGB	122, 117, 108
RGB Percent	48%, 46%, 42%
CMY	0.5216, 0.5412, 0.5765
CMYK	0.00, 0.04, 0.11, 0.52
HSL	39°, 6%, 45%
HSV	39°, 11%, 48%
XYZ	17.0941, 17.9429, 16.7497
YIQ	117.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

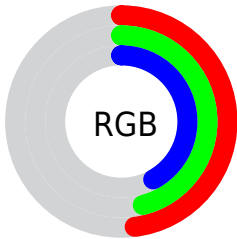
Format	Color
R_{YB}	116, 122, 108
Decimal	8025452
CIE Lab	49.43, 0.22, 5.64
CIE LCh	49, 5.646, 87.766
Yxy	17.9429, 0.3301, 0.3465
Android (android.graphics.Color)	4286215532 (0xFF7A756C)
YUV	117.4690, -4.6682, 3.9737
Hunter-Lab	42.3590, -2.0941, 6.2067

Details

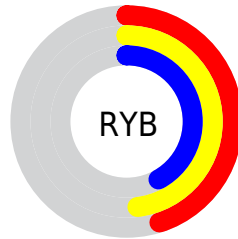
The YUV color **117.4690, -4.6682, 3.9737** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.5310, 4.6682, -3.9737**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3550, -5.1050, 4.0737**, and **69.2840, -4.0840, 3.2589** is the 20% darker color. If you saturate the color by 10%, you get **113.7530, -8.7522, 7.2326**, and if you desaturate by 10%, it is **121.1850, -0.5842, 0.7148**.

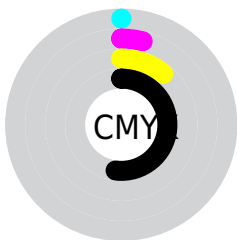
Distribution



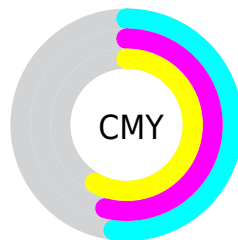
- Red (48%)
- Green (46%)
- Blue (42%)



- Red (45%)
- Yellow (48%)
- Blue (42%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.4690, -4.6682, 3.9737 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 117.4690, -4.6682, 3.9737 by changing the saturation by 10% instead.

■ 117.4690, -4.6682,
3.9737

■ 117.4690, -4.6682,
3.9737

255.0000, 0.0000,
0.0000

■ 92.5830, -4.2314,
3.8737

■ 169.3550, -5.1050,
4.0737

■ 69.2840, -4.0840,
3.2589

■ 196.6540, -5.2524,
4.6884

■ 47.2840, -4.0840,
3.2589

■ 224.6540, -5.2524,
4.6884

■ 26.2840, -4.0840,
3.2589

■ 252.3440, -5.0996,
2.3293

■ 0.0000, 0.0000,
0.0000

■ 117.4690, -4.6682,

■ 117.4690, -4.6682,

3.9737

3.9737

■ 113.7530, -8.7522,
7.2326

■ 121.1850, -0.5842,
0.7148

■ 109.4500,
-12.5468, 11.0064

■ 125.4880, 3.2104,
-3.0590

■ 105.6200,
-17.0677, 14.3653

■ 129.3180, 7.7312,
-6.4179

■ 101.9040,
-21.1517, 17.6242

■ 133.0340, 11.8152,
-9.6768

■ 97.6010, -24.9463,
21.3979

■ 137.3370, 15.6099,
-13.4505

■ 93.8850, -29.0303,
24.6569

■ 141.0530, 19.6939,
-16.7095

■ 89.5820, -32.8249,
28.4306

■ 145.3560, 23.4885,
-20.4832

■ 85.7520, -37.3457,
31.7895

■ 149.1860, 28.0093,
-23.8421

■ 82.2640, -40.5562,
34.8485

■ 152.9020, 32.0933,
-27.1011

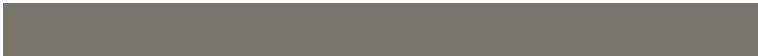
Harmonies

Analogous

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



118.3060, -4.0949, 6.7476



117.4690, -4.6682, 3.9737



117.2620, -4.0732, -0.2298

Triad

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



117.4690, -4.6682, 3.9737



116.0420, 2.9373, -8.8068



118.6030, 2.1677, 4.7332

Complementary

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



117.4690, -4.6682, 3.9737



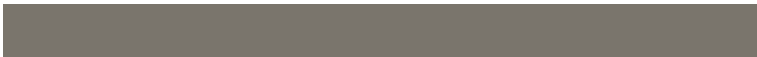
112.5310, 4.6682, -3.9737

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.



117.7380, 4.0732, 0.2298



117.4690, -4.6682, 3.9737



116.3950, 4.2423, -7.3624

Square

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



117.4690, -4.6682, 3.9737



115.7710, 0.6059, -7.6922



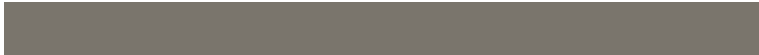
117.2320, 4.8156, -4.5885



118.3430, -0.1691, 7.5922

Rectangle

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



117.4690, -4.6682, 3.9737



116.2940, -2.6099, -2.8888



117.2320, 4.8156, -4.5885



118.1190, 2.8993, 3.4036

Sweetspot

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



117.4690, -4.6682, 3.9737



156.2560, -1.6052, 1.5295



112.7560, 0.1203, 8.1070



78.0710, -1.0210, 0.8147



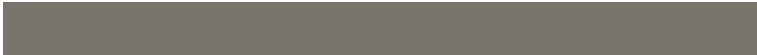
207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



117.4690, -4.6682, 3.9737



150.7960, -7.2944, 6.3179



119.8060, -5.8204, 0.1701



59.1420, -2.0420, 1.6295



84.3350, -41.5772, 35.6632



170.4420, -84.0279, 71.5264

Inverse Universe

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



112.5310, 4.6682, -3.9737



143.2040, 7.2944, -6.3179



110.1940, 5.8204, -0.1701



56.8580, 2.0420, -1.6295



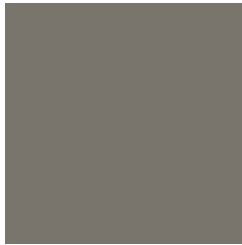
40.6650, 41.5772, -35.6632



81.5580, 84.0279, -71.5264

Previews

White Background



This preview shows how the YUV color 117.4690, -4.6682, 3.9737 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 117.4690, -4.6682, 3.9737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

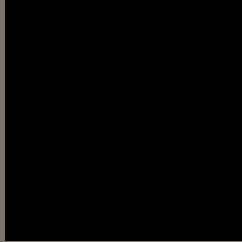
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.4690, -4.6682, 3.9737

Background



This preview shows how black text looks on a background with the YUV color 117.4690, -4.6682, 3.9737.



This preview shows how white text looks on a background with the YUV color 117.4690, -4.6682,

3.9737.

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

117.4690, -4.6682, 3.9737

Protanopia

117.4690, -4.6682, 3.9737

Deuteranopia

118.2250, -4.5479, 12.0807



Tritanopia

118.7170, 2.6045, 4.6332

Trichromacy



Original Color

117.4690, -4.6682, 3.9737

Protanomaly

117.4690, -4.6682, 3.9737

Deuteranomaly

117.6160, -4.2477, 9.1068

Tritanomaly

118.3210, -0.1583, 4.1035

Monochromacy



Original Color

117.4690, -4.6682, 3.9737

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.2560, -1.6052, 1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4690, -4.6682, 3.9737 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, 117, 108)` looks like.

```
.text, #text, p{  
    color:rgb(122, 117, 108)  
}
```

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, 117, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 117, 108) }
```

Border

The CSS property to change the border of an element to YUV 117.4690, -4.6682, 3.9737 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, 117, 108) }
```


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

```
.border{ border-color:rgb(122, 117, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 117, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 117, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 117, 108);  
box-shadow:4px 4px 4px 4px rgb(122, 117,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 117.4690, -4.6682, 3.9737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 117, 108) }
```

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

```
.background{ background-color: rgb(122,  
117, 108) }
```

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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