

Converting Colors

YUV(118.3980, -3.6472, 3.1590)

Have a look what the booklet for
YUV(118.3980, -3.6472, 3.1590)
contains.

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Color

**YUV(118.3980, -3.6472,
3.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	7A766F
RGB	122, 118, 111
RGB Percent	48%, 46%, 44%
CMY	0.5216, 0.5373, 0.5647
CMYK	0.00, 0.03, 0.09, 0.52
HSL	38°, 5%, 46%
HSV	38°, 9%, 48%
XYZ	17.3737, 18.2421, 17.6443
YIQ	118.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

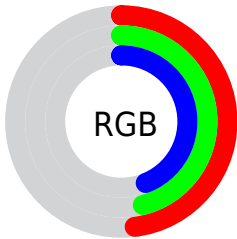
Format	Color
R_{YB}	117, 122, 111
Decimal	8025711
CIE _{Lab}	49.79, 0.19, 4.39
CIE _{LCh}	50, 4.394, 87.505
Yxy	18.2421, 0.3262, 0.3425
Android (android.graphics.Color)	4286215791 (0xFF7A766F)
YUV	118.3980, -3.6472, 3.1590
Hunter-Lab	42.7108, -2.1345, 5.4042

Details

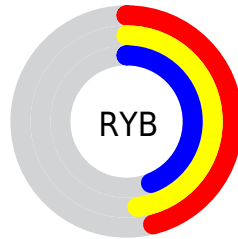
The YUV color **118.3980, -3.6472, 3.1590** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114.6020, 3.6472, -3.1590**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3980, -3.6472, 3.1590**, and **70.0990, -3.4998, 2.5442** is the 20% darker color. If you saturate the color by 10%, you get **114.6820, -7.7312, 6.4179**, and if you desaturate by 10%, it is **122.1140, 0.4368, -0.1000**.

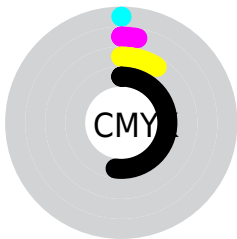
Distribution



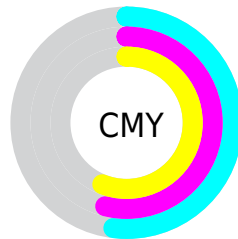
- Red (48%)
- Green (46%)
- Blue (44%)



- Red (46%)
- Yellow (48%)
- Blue (44%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3980, -3.6472, 3.1590 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 118.3980, -3.6472, 3.1590 by changing the saturation by 10% instead.

■ 118.3980, -3.6472,
3.1590

■ 118.3980, -3.6472,
3.1590

■ 255.0000, 0.0000,
0.0000

■ 93.5120, -3.2104,
3.0590

■ 170.3980, -3.6472,
3.1590

■ 70.0990, -3.4998,
2.5442

■ 197.6970, -3.7946,
3.7737

■ 48.0990, -3.4998,
2.5442

■ 225.5830, -4.2314,
3.8737

■ 27.2130, -3.0630,
2.4442

■ 253.3870, -3.6418,
1.4146

■ 0.0000, 0.0000,
0.0000

■ 118.3980, -3.6472,

■ 118.3980, -3.6472,

3.1590

3.1590

■ 114.6820, -7.7312,
6.4179

■ 122.1140, 0.4368,
-0.1000

■ 110.3790,
-11.5258, 10.1916

■ 126.4170, 4.2314,
-3.8737

■ 106.5490,
-16.0467, 13.5505

■ 130.2470, 8.7522,
-7.2326

■ 102.2460,
-19.8413, 17.3243

■ 134.5500, 12.5468,
-11.0064

■ 98.5300, -23.9253,
20.5832

■ 138.2660, 16.6309,
-14.2653

■ 94.2270, -27.7199,
24.3569

■ 142.5690, 20.4255,
-18.0390

■ 90.5110, -31.8039,
27.6159

■ 146.2850, 24.5095,
-21.2979

■ 86.6810, -36.3247,
30.9748

■ 150.1150, 29.0303,
-24.6569

■ 82.3780, -40.1194,
34.7485

■ 154.4180, 32.8249,
-28.4306

Harmonies

Analogous

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



118.8220, -3.3632, 5.4181



118.3980, -3.6472, 3.1590



117.9030, -2.9102, 0.0851

Triad

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



118.3980, -3.6472, 3.1590



117.5260, 2.2057, -7.4773



119.3640, 1.2995, 3.1888

Complementary

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



118.3980, -3.6472, 3.1590



114.6020, 3.6472, -3.1590

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.



119.0970, 2.9102, -0.0851



118.3980, -3.6472, 3.1590



117.8790, 3.5107, -6.0329

Square

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



118.3980, -3.6472, 3.1590



117.3690, 0.3111, -6.4626



118.3030, 3.7946, -3.7737



119.3320, -0.1637, 5.8478

Rectangle

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



118.3980, -3.6472, 3.1590



117.7070, -2.3206, -2.3740



118.3030, 3.7946, -3.7737



119.1790, 1.8838, 2.4740

Sweetspot

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



118.3980, -3.6472, 3.1590



156.2560, -1.6052, 1.5295



114.7450, 0.1257, 6.3626



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.



118.3980, -3.6472, 3.1590



152.5400, -5.6892, 4.7884



120.4470, -4.6574, 0.4850



59.1420, -2.0420, 1.6295



84.3350, -41.5772, 35.6632



169.8550, -83.7385, 72.0412

Inverse Universe

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



114.6020, 3.6472, -3.1590



146.4600, 5.6892, -4.7884



112.5530, 4.6574, -0.4850



56.8580, 2.0420, -1.6295



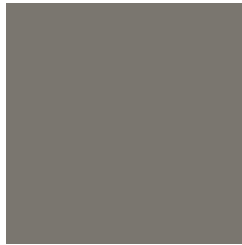
40.6650, 41.5772, -35.6632



82.7320, 83.4491, -72.5560

Previews

White Background



This preview shows how the YUV color 118.3980, -3.6472, 3.1590 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 118.3980, -3.6472, 3.1590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

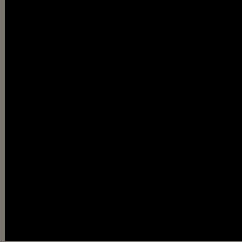
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.3980, -3.6472, 3.1590

Background



This preview shows how black text looks on a background with the YUV color 118.3980, -3.6472, 3.1590.



This preview shows how white text looks on a background with the YUV color 118.3980, -3.6472,

3.1590.

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

118.3980, -3.6472, 3.1590

Protanopia

118.3980, -3.6472, 3.1590

Deuteranopia

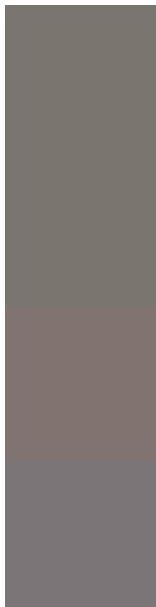
119.1540, -3.5269, 11.2659



Tritanopia

119.4180, 2.7519, 4.0184

Trichromacy



Original Color

118.3980, -3.6472, 3.1590

Protanomaly

118.3980, -3.6472, 3.1590

Deuteranomaly

118.5450, -3.2267, 8.2920

Tritanomaly

119.1360, 0.4260, 3.3887

Monochromacy



Original Color

118.3980, -3.6472, 3.1590

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3980, -3.6472, 3.1590 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(122, 118, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 118, 111) }
```

Border

The CSS property to change the border of an element to YUV 118.3980, -3.6472, 3.1590 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, 111) }
```


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

```
.border{ border-color:rgb(122, 118, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 118, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 118, 111);  
box-shadow:4px 4px 4px 4px rgb(122, 118,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 118.3980, -3.6472, 3.1590 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, 111) }
```

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

```
.background{ background-color: rgb(122,  
118, 111) }
```

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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