

Converting Colors

YUV(118.8390, -5.8366, 5.4032)

Have a look what the booklet for
YUV(118.8390, -5.8366, 5.4032)
contains.

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Color

**YUV(118.8390, -5.8366,
5.4032)**

Conversions

Conversions Part 1

Format	Color
Hex	7D766B
RGB	125, 118, 107
RGB Percent	49%, 46%, 42%
CMY	0.5098, 0.5373, 0.5804
CMYK	0.00, 0.06, 0.14, 0.51
HSL	37°, 8%, 45%
HSV	37°, 14%, 49%
XYZ	17.5897, 18.3784, 16.5302
YIQ	118.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

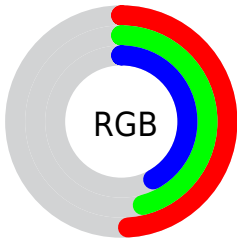
Format	Color
RYB	118, 125, 107
Decimal	8222315
CIELab	49.95, 0.66, 7.02
CIELCh	50, 7.048, 84.641
Yxy	18.3784, 0.3351, 0.3501
Android (android.graphics.Color)	4286412395 (0xFF7D766B)
YUV	118.8390, -5.8366, 5.4032
Hunter-Lab	42.8700, -1.7833, 7.1474

Details

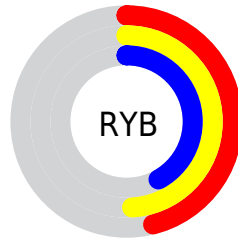
The YUV color **118.8390, -5.8366, 5.4032** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.1610, 5.8366, -5.4032**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0240, -6.4208, 6.1180**, and **70.6540, -5.2524, 4.6884** is the 20% darker color. If you saturate the color by 10%, you get **114.5360, -9.6312, 9.1769**, and if you desaturate by 10%, it is **123.2560, -1.6052, 1.5295**.

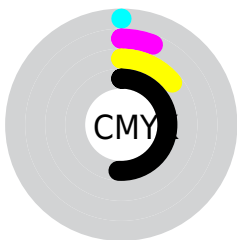
Distribution



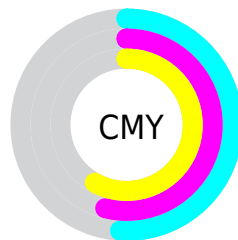
- Red (49%)
- Green (46%)
- Blue (42%)



- Red (46%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (51%)



- Cyan (51%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8390, -5.8366, 5.4032 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 118.8390, -5.8366, 5.4032 by changing the saturation by 10% instead.

■ 118.8390, -5.8366,
5.4032

■ 118.8390, -5.8366,
5.4032

■ 255.0000, 0.0000,
0.0000

■ 93.9530, -5.3998,
5.3032

■ 171.0240, -6.4208,
6.1180

■ 70.6540, -5.2524,
4.6884

■ 198.0240, -6.4208,
6.1180

■ 48.3550, -5.1050,
4.0737

■ 226.0240, -6.4208,
6.1180

■ 27.3550, -5.1050,
4.0737

■ 252.8170, -5.8258,
1.9145

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 118.8390, -5.8366,
5.4032

■ 118.8390, -5.8366,
5.4032

■ 114.5360, -9.6312,
9.1769

■ 123.2560, -1.6052,
1.5295

■ 110.1190,
-13.8627, 13.0506

■ 127.5590, 2.1894,
-2.2442

■ 105.8160,
-17.6573, 16.8244

■ 131.9760, 6.4208,
-6.1180

■ 101.9860,
-22.1781, 20.1833

■ 135.6920, 10.5048,
-9.3769

■ 97.6830, -25.9727,
23.9570

■ 140.1090, 14.7363,
-13.2506

■ 93.2660, -30.2041,
27.8307

■ 144.4120, 18.5309,
-17.0243

■ 88.9630, -33.9988,
31.6044

■ 148.8290, 22.7623,
-20.8980

■ 84.5460, -38.2302,

■ 153.1320, 26.5569,

35.4782

-24.6718

■ 81.9870, -40.4196,
37.7224

■ 157.5490, 30.7883,
-28.5455

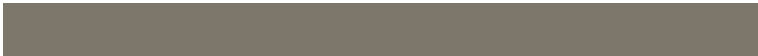
Harmonies

Analogous

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



119.3880, -5.1213, 9.3067



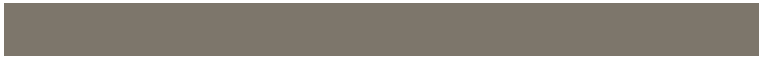
118.8390, -5.8366, 5.4032



118.0340, -4.9468, -0.0298

Triad

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



118.8390, -5.8366, 5.4032



116.8460, 3.5269, -11.2659



120.1300, 2.8939, 5.1480

Complementary

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



118.8390, -5.8366, 5.4032



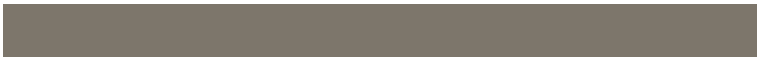
113.1610, 5.8366, -5.4032

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.



119.6670, 5.0942, -0.5850



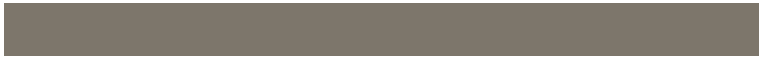
118.8390, -5.8366, 5.4032



117.3130, 5.2687, -9.9215

Square

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



118.8390, -5.8366, 5.4032



116.6460, 0.1745, -9.3365



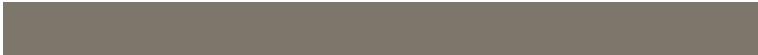
118.5630, 6.1314, -6.6328



120.0550, -0.0271, 8.7218

Rectangle

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



118.8390, -5.8366, 5.4032



117.6530, -3.7729, -3.2037



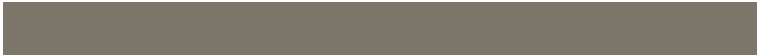
118.5630, 6.1314, -6.6328



119.6460, 3.6255, 3.8185

Sweetspot

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



118.8390, -5.8366, 5.4032



161.1420, -2.0420, 1.6295



113.1800, 0.4043, 10.3661



80.3700, -1.1684, 1.4295



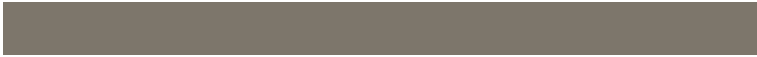
209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



118.8390, -5.8366, 5.4032



153.3510, -9.0470, 8.4622



122.3500, -7.5675, 0.5701



61.4410, -2.1894, 2.2442



84.0580, -41.4406, 38.5371



0.0000, 0.0000, 0.0000

Inverse Universe

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



113.1610, 5.8366, -5.4032



144.6490, 9.0470, -8.4622



109.6500, 7.5675, -0.5701



59.5590, 2.1894, -2.2442



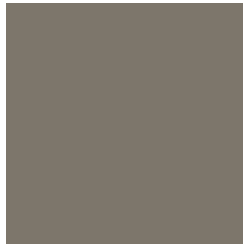
43.9420, 41.4406, -38.5371



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 118.8390, -5.8366, 5.4032 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 118.8390, -5.8366, 5.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

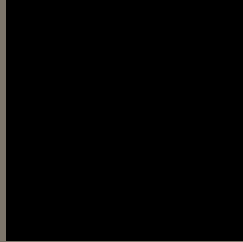
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

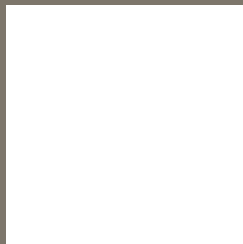
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 118.8390, -5.8366, 5.4032

Background



This preview shows how black text looks on a background with the YUV color 118.8390, -5.8366, 5.4032.



This preview shows how white text looks on a background with the YUV color 118.8390, -5.8366,

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

118.8390, -5.8366, 5.4032

Protanopia

118.5400, -5.6892, 4.7884

Deuteranopia

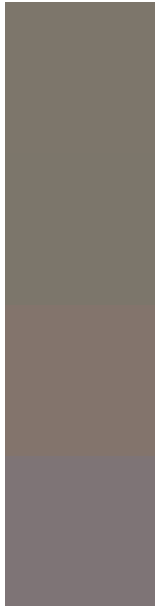
119.8830, -5.8583, 12.3806



Tritanopia

119.6140, 2.1623, 6.4775

Trichromacy



Original Color

118.8390, -5.8366, 5.4032

Protanomaly

118.5400, -5.6892, 4.7884

Deuteranomaly

119.5730, -5.7055, 10.0215

Tritanomaly

119.2180, -0.6005, 5.9478

Monochromacy



Original Color

118.8390, -5.8366, 5.4032

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8390, -5.8366, 5.4032 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(125, 118, 107)` looks like.

```
.text, #text, p{  
    color:rgb(125, 118, 107)  
}
```

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(125, 118, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 118, 107) }
```

Border

The CSS property to change the border of an element to YUV 118.8390, -5.8366, 5.4032 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(125, 118, 107) }
```


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

```
.border{ border-color:rgb(125, 118, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 118, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 118, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 118, 107);  
box-shadow:4px 4px 4px 4px rgb(125, 118,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 118.8390, -5.8366, 5.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 118, 107) }
```

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

```
.background{ background-color: rgb(125,  
118, 107) }
```

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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