

Converting Colors

YUV(117.3880, -5.1213, 9.3067)

Have a look what the booklet for
YUV(117.3880, -5.1213, 9.3067)
contains.

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Color

**YUV(117.3880, -5.1213,
9.3067)**

Conversions

Conversions Part 1

Format	Color
Hex	80726B
RGB	128, 114, 107
RGB Percent	50%, 45%, 42%
CMY	0.4980, 0.5529, 0.5804
CMYK	0.00, 0.11, 0.16, 0.50
HSL	20°, 9%, 46%
HSV	20°, 16%, 50%
XYZ	17.5732, 17.6854, 16.3973
YIQ	117.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

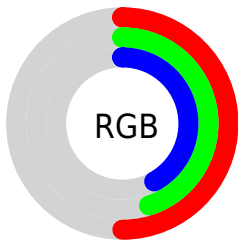
Format	Color
R_{YB}	128, 118, 107
Decimal	8417899
CIE _{Lab}	49.11, 4.19, 5.86
CIE _{LCh}	49, 7.200, 54.428
Yxy	17.6854, 0.3402, 0.3424
Android (android.graphics.Color)	4286607979 (0xFF80726B)
YUV	117.3880, -5.1213, 9.3067
Hunter-Lab	42.0540, 0.9960, 6.3199

Details

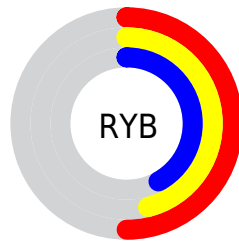
The YUV color **117.3880, -5.1213, 9.3067** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.6120, 5.1213, -9.3067**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5730, -5.7055, 10.0215**, and **69.2030, -4.5371, 8.5920** is the 20% darker color. If you saturate the color by 10%, you get **110.6230, -8.1951, 15.2396**, and if you desaturate by 10%, it is **124.1530, -2.0474, 3.3738**.

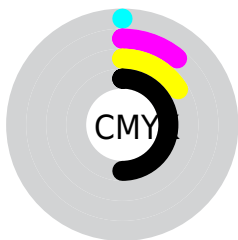
Distribution



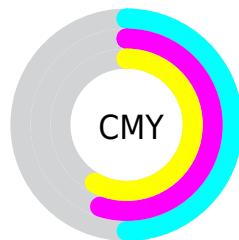
- Red (50%)
- Green (45%)
- Blue (42%)



- Red (50%)
- Yellow (46%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3880, -5.1213, 9.3067 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 117.3880, -5.1213, 9.3067 by changing the saturation by 10% instead.

■ 117.3880, -5.1213,
9.3067

■ 117.3880, -5.1213,
9.3067

■ 255.0000, 0.0000,
0.0000

■ 93.0890, -4.9739,
8.6919

■ 169.5730, -5.7055,
10.0215

■ 69.2030, -4.5371,
8.5920

■ 196.8720, -5.8529,
10.6363

■ 46.9040, -4.3897,
7.9772

■ 224.8720, -5.8529,
10.6363

■ 25.6050, -4.2423,
7.3624

■ 249.8820, -4.3788,
4.4885

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 117.3880, -5.1213,
9.3067

■ 117.3880, -5.1213,
9.3067

■ 110.6230, -8.1951,
15.2396

■ 124.1530, -2.0474,
3.3738

■ 104.4450,
-11.5584, 20.6577

■ 130.3310, 1.3158,
-2.0443

■ 97.7940, -14.1954,
26.4907

■ 136.9820, 3.9529,
-7.8772

■ 91.6160, -17.5587,
31.9088

■ 143.1600, 7.3161,
-13.2953

■ 84.8510, -20.6325,
37.8417

■ 149.9250, 10.3900,
-19.2282

■ 78.6730, -23.9958,
43.2598

■ 156.1030, 13.7532,
-24.6463

■ 71.9080, -27.0696,
49.1927

■ 162.8680, 16.8271,
-30.5792

■ 65.8440, -29.9961,

■ 168.9320, 19.7535,

54.5108

-35.8974

■ 63.5130, -31.3119,
56.5551

■ 175.6970, 22.8274,
-41.8303

Harmonies

Analogous

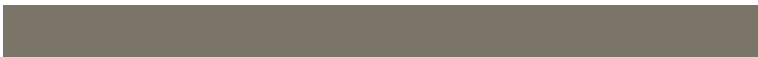
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



117.9690, -2.9427, 10.5512



117.3880, -5.1213, 9.3067



116.8390, -5.8366, 5.4032

Triad

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



117.3880, -5.1213, 9.3067



114.6460, 0.1745, -9.3365



117.6670, 5.0942, -0.5850

Complementary

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



117.3880, -5.1213, 9.3067



117.6120, 5.1213, -9.3067

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.



116.5630, 6.1314, -6.6328



117.3880, -5.1213, 9.3067



114.7320, 3.0901, -11.1660

Square

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



117.3880, -5.1213, 9.3067



114.8700, -2.8939, -5.1480



115.0140, 5.4161, -10.5363



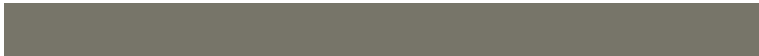
118.1300, 2.8939, 5.1480

Rectangle

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



117.3880, -5.1213, 9.3067



116.2300, -5.5364, 2.4293



115.0140, 5.4161, -10.5363



116.7700, 5.5364, -2.4293

Sweetspot

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



117.3880, -5.1213, 9.3067



161.4520, -2.1948, 3.9886



114.8750, 3.0196, 11.5106



81.6690, -1.3158, 2.0443



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



117.3880, -5.1213, 9.3067



149.3240, -8.0477, 14.6249



123.8450, -8.3046, 3.6439



60.8540, -1.9000, 2.7590



63.5130, -31.3119, 56.5551



0.0000, 0.0000, 0.0000

Inverse Universe

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



117.6120, 5.1213, -9.3067



149.6760, 8.0477, -14.6249



111.7420, 8.0152, -4.1587



60.7330, 1.6106, -3.2738



64.4870, 31.3119, -56.5551



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 117.3880, -5.1213, 9.3067 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 117.3880, -5.1213, 9.3067 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 117.3880, -5.1213, 9.3067

Background



This preview shows how black text looks on a background with the YUV color 117.3880, -5.1213, 9.3067.

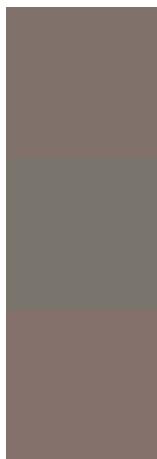


This preview shows how white text looks on a background with the YUV color 117.3880, -5.1213,

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

117.3880, -5.1213, 9.3067

Protanopia

116.5830, -4.2314, 3.8737

Deuteranopia

117.9970, -5.4215, 12.2806



Tritanopia

118.4080, 1.2779, 10.1662

Trichromacy



Original Color

117.3880, -5.1213, 9.3067

Protanomaly

116.8930, -4.3842, 6.2328

Deuteranomaly

117.6980, -5.2741, 11.6659

Tritanomaly

118.1260, -1.0481, 9.5365

Monochromacy



Original Color

117.3880, -5.1213, 9.3067

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1530, -2.0474, 3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3880, -5.1213, 9.3067 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(128, 114, 107)` looks like.

```
.text, #text, p{  
    color:rgb(128, 114, 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(128, 114, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 114, 107) }
```

Border

The CSS property to change the border of an element to YUV 117.3880, -5.1213, 9.3067 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(128, 114, 107) }
```


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

```
.border{ border-color:rgb(128, 114, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 114, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 114, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 114, 107);  
box-shadow:4px 4px 4px 4px rgb(128, 114,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 117.3880, -5.1213, 9.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 114, 107) }
```

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

```
.background{ background-color: rgb(128,  
114, 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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