

Converting Colors

YUV(118.1080, -50.8322,
17.4453)

Have a look what the booklet for
YUV(118.1080, -50.8322, 17.4453)
contains.

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Color

**YUV(118.1080, -50.8322,
17.4453)**

Conversions

Conversions Part 1

Format	Color
Hex	8A800F
RGB	138, 128, 15
RGB Percent	54%, 50%, 6%
CMY	0.4588, 0.4980, 0.9412
CMYK	0.00, 0.07, 0.89, 0.46
HSL	55°, 80%, 30%
HSV	55°, 89%, 54%
XYZ	18.2866, 20.8761, 3.5176
YIQ	118.1080, 42.2330, -33.0230

Conversions

Conversions Part 2

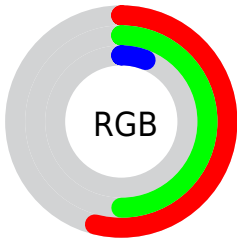
Format	Color
R _Y B	26, 138, 15
Decimal	9076751
CIE Lab	52.81, -7.96, 54.95
CIE LCh	53, 55.520, 98.246
Yxy	20.8761, 0.4285, 0.4891
Android (android.graphics.Color)	4287266831 (0xFF8A800F)
YUV	118.1080, -50.8322, 17.4453
Hunter-Lab	45.6904, -8.5172, 27.4186

Details

The YUV color **118.1080, -50.8322, 17.4453** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **34.8920, 50.8322, -17.4453**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2870, -48.9485, 19.9193**, and **71.4890, -35.2441, 10.9721** is the 20% darker color. If you saturate the color by 10%, you get **115.9250, -56.6580, 19.3598**, and if you desaturate by 10%, it is **120.2910, -45.0065, 15.5308**.

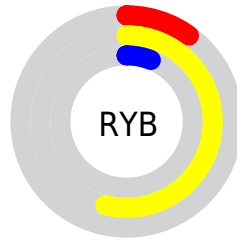
Distribution



Red (54%)

Green (50%)

Blue (6%)



Red (10%)

Yellow (54%)

Blue (6%)

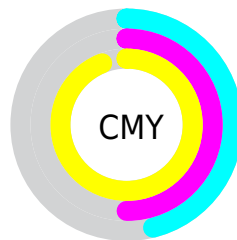


Cyan (0%)

Magenta (7%)

Yellow (89%)

Black (46%)



Cyan (46%)

Magenta (50%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1080, -50.8322, 17.4453 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 118.1080, -50.8322, 17.4453 by changing the saturation by 10% instead.

■ 118.1080,
-50.8322, 17.4453

■ 118.1080,
-50.8322, 17.4453

■ 255.0000, 0.0000,
0.0000

■ 93.6500, -46.1695,
15.2159

■ 172.2870,
-48.9485, 19.9193

■ 71.4890, -35.2441,
10.9721

■ 200.3580,
-49.9695, 20.7340

■ 50.8010, -25.0449,
6.3135

■ 228.8420,
-50.7011, 22.0636

■ 30.4120, -14.9931,
2.2697

■ 243.3720,
-44.5534, 10.1978

■ 8.8050, -4.3409,
-7.7220

■ 246.5640,
-32.3231, 7.3984

■ 0.0000, 0.0000,
0.0000

■ 249.7560,

-20.0927, 4.5990

■ 253.0620, -7.4256,
1.6996

■ 118.1080,
-50.8322, 17.4453

■ 118.1080,
-50.8322, 17.4453

■ 115.9250,
-56.6580, 19.3598

■ 120.2910,
-45.0065, 15.5308

■ 115.8110,
-57.0948, 19.4598

■ 122.4740,
-39.1807, 13.6163

■ 124.5430,
-33.7917, 11.8018

■ 126.7260,
-27.9659, 9.8873

■ 129.4960,
-22.4295, 7.4580

■ 131.6790,
-16.6037, 5.5435

■ 133.8620,
-10.7780, 3.6290

■ 135.9310, -5.3890,
1.8145

■ 138.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



122.0270, -44.3833, 49.0883



118.1080, -50.8322, 17.4453



113.3230, -33.6832, -23.0853

Triad

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



118.1080, -50.8322, 17.4453



107.2650, 37.8304, -94.0714



127.2440, 17.1347, 57.6680

Complementary

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



118.1080, -50.8322, 17.4453



34.8920, 50.8322, -17.4453

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.



129.6650, 35.1682, 13.4488



118.1080, -50.8322, 17.4453



107.1630, 52.6706, -93.9820

Square

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



118.1080, -50.8322, 17.4453



103.1950, 17.1589, -90.5020



111.4040, 54.0308, -63.4983



122.8710, -3.8804, 78.1661

Rectangle

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



118.1080, -50.8322, 17.4453



102.4070, -14.4977, -63.5009



111.4040, 54.0308, -63.4983



128.8880, 23.7192, 45.7022

Sweetspot

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



118.1080, -50.8322, 17.4453



171.0660, -20.2455, 6.9581



52.9170, -13.7631, 74.6178



84.6340, -11.6516, 3.8290



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



118.1080, -50.8322, 17.4453



149.7890, -73.8460, 25.6180



108.7290, -46.2084, -19.0563



67.6150, -2.7682, 1.2146



111.3810, -54.9108, 18.9599



4.4300, -2.1840, 0.4999

Inverse Universe

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



34.8920, 50.8322, -17.4453



29.2110, 73.8460, -25.6180



44.2710, 46.2084, 19.0563



63.3850, 2.7682, -1.2146



21.6190, 54.9108, -18.9599



0.5700, 2.1840, -0.4999

Previews

White Background



This preview shows how the YUV color 118.1080, -50.8322, 17.4453 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 118.1080, -50.8322, 17.4453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

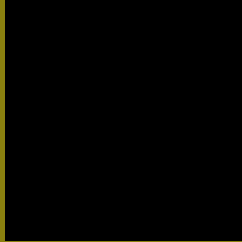
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.1080, -50.8322, 17.4453

Background



This preview shows how black text looks on a background with the YUV color 118.1080, -50.8322, 17.4453.



This preview shows how white text looks on a background with the YUV color 118.1080, -50.8322, 17.4453.

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

118.1080, -50.8322, 17.4453

Protanopia

118.0160, -51.2799, 21.0340

Deuteranopia

120.4890, -48.5551, 33.7741



Tritanopia

128.0990, -0.0488, 15.6992

Trichromacy



Original Color

118.1080, -50.8322, 17.4453

Protanomaly

118.3040, -51.4219, 19.9044

Deuteranomaly

119.5160, -49.5544, 27.6115

Tritanomaly

124.2890, -18.3835, 16.4095

Monochromacy



Original Color

118.1080, -50.8322, 17.4453

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2230, -18.3509, 5.9434

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1080, -50.8322, 17.4453 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(138, 128, 15)` looks like.

```
.text, #text, p{  
    color:rgb(138, 128, 15)  
}
```

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(138, 128, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 128, 15) }
```

Border

The CSS property to change the border of an element to YUV 118.1080, -50.8322, 17.4453 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(138, 128, 15) }
```


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

```
.border{ border-color:rgb(138, 128, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 128, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 128, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 128, 15);  
box-shadow:4px 4px 4px 4px rgb(138, 128,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 118.1080, -50.8322, 17.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 128, 15) }
```

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

```
.background{ background-color: rgb(138,  
128, 15) }
```

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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