

Converting Colors

YUV(118.1510, 7.8136, 13.8996)

Have a look what the booklet for
YUV(118.1510, 7.8136, 13.8996)
contains.

YUV(118.1510, 7.8136, 13.8996)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(118.1510, 7.8136,
13.8996)**

Conversions

Conversions Part 1

Format	Color
Hex	866B86
RGB	134, 107, 134
RGB Percent	53%, 42%, 53%
CMY	0.4745, 0.5804, 0.4745
CMYK	0.00, 0.20, 0.00, 0.47
HSL	300°, 11%, 47%
HSV	300°, 20%, 53%
XYZ	19.3923, 17.3050, 24.8724
YIQ	118.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

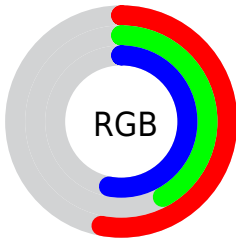
Format	Color
R_{YB}	134, 107, 134
Decimal	8809350
CIE _{Lab}	48.64, 15.72, -10.81
CIE _{LCh}	49, 19.079, 325.495
Yxy	17.3050, 0.3150, 0.2811
Android (android.graphics.Color)	4286999430 (0xFF866B86)
YUV	118.1510, 7.8136, 13.8996
Hunter-Lab	41.5992, 10.4126, -6.3303

Details

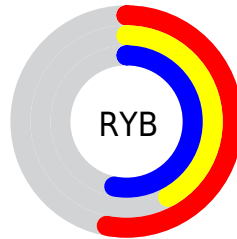
The YUV color **118.1510, 7.8136, 13.8996** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122.8490, -7.8136, -13.8996**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5640, 8.1029, 14.4144**, and **69.3250, 7.2348, 12.8700** is the 20% darker color. If you saturate the color by 10%, you get **110.5200, 11.5756, 20.5920**, and if you desaturate by 10%, it is **125.7820, 4.0515, 7.2072**.

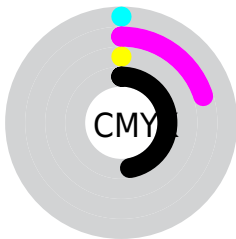
Distribution



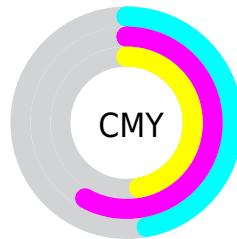
- Red (53%)
- Green (42%)
- Blue (53%)



- Red (53%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (47%)





- Cyan (47%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1510, 7.8136, 13.8996 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 118.1510, 7.8136, 13.8996 by changing the saturation by 10% instead.


 118.1510, 7.8136,
13.8996


 118.1510, 7.8136,
13.8996


255.0000, 0.0000,
0.0000

 93.7380, 7.5242,
13.3848

 170.5640, 8.1029,
14.4144

 69.3250, 7.2348,
12.8700


 197.9770, 8.3923,
14.9292

 46.9120, 6.9454,
12.3552

 225.6890, 8.5343,
16.0587

 25.7870, 6.5140,
10.7108

 247.3690, 3.7621,
6.6924

 6.6510, 6.0881,
7.3221

 0.0000, 0.0000,
0.0000

■ 118.1510, 7.8136,
13.8996

■ 118.1510, 7.8136,
13.8996

■ 110.5200, 11.5756,
20.5920

■ 125.7820, 4.0515,
7.2072

■ 102.3020, 15.6271,
27.7991

■ 134.0000, 0.0000,
0.0000

■ 94.6710, 19.3892,
34.4915

■ 141.6310, -3.7621,
-6.6924

■ 86.4530, 23.4407,
41.6987

■ 149.8490, -7.8136,
-13.8996

■ 78.8220, 27.2028,
48.3911

■ 157.4800,
-11.5756, -20.5920

■ 71.1910, 30.9648,
55.0835

■ 165.1110,
-15.3377, -27.2843

■ 62.9730, 35.0163,
62.2907


■ 173.3290,
-19.3892, -34.4915

■ 55.3420, 38.7784,

■ 180.9600,

68.9831

-23.1513, -41.1839

 189.1780,
-27.2028, -48.3911

Harmonies

Analogous

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



116.6590, 13.9721, -1.4549



118.1510, 7.8136, 13.8996



118.2680, 0.3609, 24.3210

Triad

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



118.1510, 7.8136, 13.8996



115.3640, -15.4625, 12.8358



107.8260, 10.4388, -34.9274

Complementary

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



118.1510, 7.8136, 13.8996



122.8490, -7.8136, -13.8996

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.



108.5790, 1.6866, -27.6948



118.1510, 7.8136, 13.8996



113.4440, -13.5299, -0.3894

Square

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



118.1510, 7.8136, 13.8996



116.1140, -12.8742, 22.7020



111.3650, -7.0819, -15.2291



109.9280, 15.8115, -31.5089

Rectangle

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



118.1510, 7.8136, 13.8996



117.6120, -4.7387, 26.6503



111.3650, -7.0819, -15.2291



108.4410, 7.6706, -33.7128

Sweetspot

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



118.1510, 7.8136, 13.8996



167.1300, 2.8939, 5.1480



110.0780, 11.7935, -2.6994



83.4780, 1.7363, 3.0888



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



118.1510, 7.8136, 13.8996



148.9330, 11.8650, 21.1068



116.6690, 2.1352, 15.1993



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Inverse Universe

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



118.1510, 7.8136, 13.8996



148.9330, 11.8650, 21.1068



124.4450, -1.6984, -15.2993



62.4780, 1.7363, 3.0888



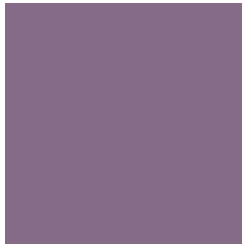
53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 118.1510, 7.8136, 13.8996 looks on a white background.

Color Contrast Check

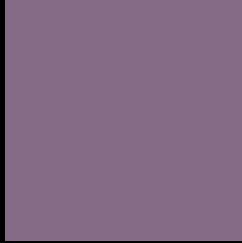
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.1510, 7.8136, 13.8996 looks on a black 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

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

YUV 118.1510, 7.8136, 13.8996

Background



This preview shows how black text looks on a background with the YUV color 118.1510, 7.8136, 13.8996.



This preview shows how white text looks on a background with the YUV color 118.1510, 7.8136,

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

118.1510, 7.8136, 13.8996

Protanopia

116.2410, 11.2202, -5.4734

Deuteranopia

117.0740, 7.8515, 1.6891



Tritanopia

117.4900, 0.2514, 12.7253

Trichromacy



Original Color

118.1510, 7.8136, 13.8996

Protanomaly

116.9430, 9.8881, 1.8040

Deuteranomaly

117.3950, 7.6933, 5.7926

Tritanomaly

117.8860, 3.0142, 13.2550

Monochromacy



Original Color

118.1510, 7.8136, 13.8996

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1300, 2.8939, 5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1510, 7.8136, 13.8996 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(134, 107, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 107, 134)  
}
```

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(134, 107, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 107, 134) }
```

Border

The CSS property to change the border of an element to YUV 118.1510, 7.8136, 13.8996 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(134, 107, 134) }
```


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

```
.border{ border-color:rgb(134, 107, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 107, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 107, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 107, 134); box-shadow:4px 4px 4px 4px rgb(134, 107, 134) }
```

Background

The CSS property to change the background color of an element to YUV 118.1510, 7.8136, 13.8996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 107, 134) }
```

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

```
.background{ background-color: rgb(134,  
107, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor