

# Converting Colors

YUV(126.0710, 5.8810, 27.1247)

Have a look what the booklet for  
YUV(126.0710, 5.8810, 27.1247)  
contains.

|  |    |
|--|----|
| <b>YUV(126.0710, 5.8810, 27.1247)</b> .....    | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 12 |
| <b><i>Previews</i></b> .....                   | 24 |
| <b><i>Color Blindness Simulation</i></b> ..... | 28 |
| <b><i>CSS Examples</i></b> .....               | 31 |

# Color

**YUV(126.0710, 5.8810,  
27.1247)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 9D6C8A                     |
| RGB           | 157, 108, 138              |
| RGB Percent   | 62%, 42%, 54%              |
| CMY           | 0.3843, 0.5765, 0.4588     |
| CMYK          | 0.00, 0.31, 0.12, 0.38     |
| HSL           | 323°, 20%, 52%             |
| HSV           | 323°, 31%, 62%             |
| XYZ           | 23.8546, 19.7282, 26.5954  |
| YIQ           | 126.0710, 19.5740, 19.7180 |

# Conversions

## Conversions Part 2

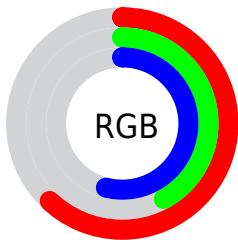
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 157, 108, 138                |
| Decimal                             | 10316938                     |
| CIE Lab                             | 51.53, 24.32, -8.59          |
| CIE LCh                             | 52, 25.792, 340.543          |
| Yxy                                 | 19.7282, 0.3399,<br>0.2811   |
| Android<br>(android.graphics.Color) | 4288507018<br>(0xFF9D6C8A)   |
| YUV                                 | 126.0710, 5.8810,<br>27.1247 |
| Hunter-Lab                          | 44.4164, 18.1378,<br>-4.4098 |

# Details

The YUV color **126.0710, 5.8810, 27.1247** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **138.9290, -5.8810, -27.1247**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0820, 5.8756, 28.8691**, and **76.6470, 5.5970, 24.8656** is the 20% darker color. If you saturate the color by 10%, you get **115.9950, 7.8905, 35.9614**, and if you desaturate by 10%, it is **136.1470, 3.8715, 18.2881**.

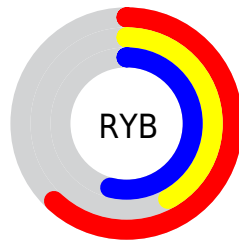
# Distribution



Red (62%)

Green (42%)

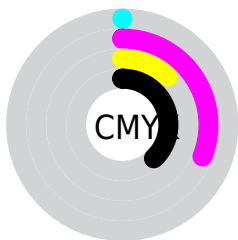
Blue (54%)



Red (62%)

Yellow (42%)

Blue (54%)

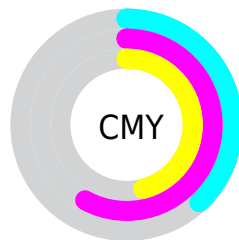


Cyan (0%)

Magenta (31%)

Yellow (12%)

Black (38%)



Cyan (38%)

Magenta (58%)


Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 126.0710, 5.8810, 27.1247 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 126.0710, 5.8810, 27.1247 by changing the saturation by 10% instead.




 126.0710, 5.8810,  
27.1247


 126.0710, 5.8810,  
27.1247

255.0000, 0.0000,  
0.0000

 100.4730, 6.1758,  
25.8952

 179.0820, 5.8756,  
28.8691

 76.6470, 5.5970,  
24.8656

 206.7940, 6.0176,  
29.9987


 53.0490, 5.8918,  
23.6360

 230.7220, 8.5181,  
21.2918

 29.8640, 6.4760,  
22.9213

 248.5430, 3.1833,  
5.6628

 13.3860, 4.7397,  
19.8325

 0.0000, 0.0000,  
0.0000

126.0710, 5.8810,  
27.1247

126.0710, 5.8810,  
27.1247

115.9950, 7.8905,  
35.9614

136.1470, 3.8715,  
18.2881

106.5060, 9.6105,  
44.2832

145.6360, 2.1515,  
9.9662

96.4300, 11.6200,  
53.1199

155.7120, 0.1420,  
1.1296

86.3540, 13.6295,  
61.9565

165.7880, -1.8675,  
-7.7071

76.2780, 15.6389,  
70.7932

175.8640, -3.8770,  
-16.5437

66.6750, 16.9222,  
79.2150


185.4670, -5.1602,  
-24.9656

57.8870, 18.7897,  
86.9221

195.5430, -7.1697,  
-33.8022

205.6190, -9.1792,

-42.6389

 215.1080,  
-10.8992, -50.9607

# Harmonies

## Analogous

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



125.3660, 15.1026, 9.3260



126.0710, 5.8810, 27.1247



125.0800, -4.4764, 35.8868

# Triad

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



126.0710, 5.8810, 27.1247



120.6640, -20.5404, 8.1877



109.6370, 20.3920, -54.0556

# Complementary

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



126.0710, 5.8810, 27.1247



138.9290, -5.8810, -27.1247

# 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.



110.5100, 9.6086, -48.6823



126.0710, 5.8810, 27.1247



118.1500, -14.3710, -10.6556

# Square

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



126.0710, 5.8810, 27.1247



122.2900, -19.8630, 24.3017



114.7760, -3.8336, -30.4986



115.6480, 23.8375, -39.1563



# Rectangle

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



126.0710, 5.8810, 27.1247



124.5440, -11.6072, 36.3569



114.7760, -3.8336, -30.4986



109.1270, 17.1924, -54.4854

# Sweetspot

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



126.0710, 5.8810, 27.1247



192.6360, 2.1515, 9.9662



119.2670, 18.6024, 6.7818



95.0870, 1.4361, 6.0627



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



126.0710, 5.8810, 27.1247



156.6690, 9.0372, 41.5093



123.3350, -4.6022, 29.5242



73.9620, 1.0047, 4.4183



52.6750, 16.9222, 79.2150



5.5110, 1.7201, 8.3219



# Inverse Universe

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



126.0710, 5.8810, 27.1247



156.6690, 9.0372, 41.5093



141.6650, 4.6022, -29.5242



73.9620, 1.0047, 4.4183



52.6750, 16.9222, 79.2150

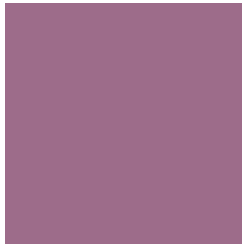


5.5110, 1.7201, 8.3219



# Previews

## White Background



This preview shows how the YUV color 126.0710, 5.8810, 27.1247 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

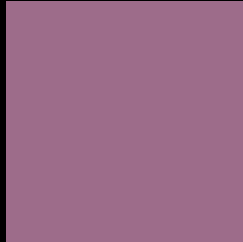
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 126.0710, 5.8810, 27.1247 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

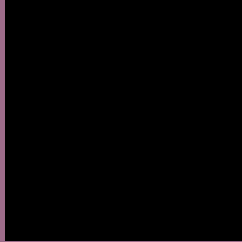
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 126.0710, 5.8810, 27.1247

## Background



This preview shows how black text looks on a background with the YUV color 126.0710, 5.8810, 27.1247.



This preview shows how white text looks on a background with the YUV color 126.0710, 5.8810,



# 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

126.0710, 5.8810, 27.1247

### Protanopia

123.6540, 11.5096, -4.9586

### Deuteranopia

124.5150, 5.6621, 3.9333



## Tritanopia

125.1820, -2.5547, 26.1504

# Trichromacy



## Original Color

126.0710, 5.8810, 27.1247

## Protanomaly

124.5630, 9.5824, 6.5222

## Deuteranomaly

125.2710, 5.7824, 12.0403

## Tritanomaly

125.6920, 0.6448, 26.5801

# Monochromacy



## Original Color

126.0710, 5.8810, 27.1247

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

125.6360, 2.1515, 9.9662

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.0710, 5.8810, 27.1247 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(157, 108, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 108, 138)  
}
```

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(157, 108, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 108, 138) }
```

## Border

The CSS property to change the border of an element to YUV 126.0710, 5.8810, 27.1247 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(157, 108, 138) }
```



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

```
.border{ border-color:rgb(157, 108, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 108, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 108, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 108, 138);  
box-shadow:4px 4px 4px 4px rgb(157, 108,  
138) }
```

# Background

The CSS property to change the background color of an element to YUV 126.0710, 5.8810, 27.1247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 108, 138) }
```

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

```
.background{ background-color: rgb(157,  
108, 138) }
```

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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