

# Converting Colors

YUV(129.8240, 13.8908,  
24.7104)

Have a look what the booklet for  
YUV(129.8240, 13.8908, 24.7104)  
contains.

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# Color

**YUV(129.8240, 13.8908,  
24.7104)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E6E9E
RGB	158, 110, 158
RGB Percent	62%, 43%, 62%
CMY	0.3804, 0.5686, 0.3804
CMYK	0.00, 0.30, 0.00, 0.38
HSL	300°, 20%, 53%
HSV	300°, 30%, 62%
XYZ	25.8480, 20.8896, 35.0175
YIQ	129.8240, 13.2000, 25.1040

# Conversions

## Conversions Part 2

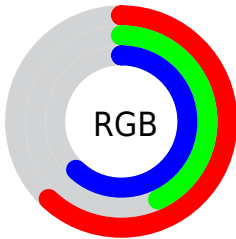
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 110, 158
Decimal	10383006
CIE <sub>Lab</sub>	52.83, 27.27, -18.36
CIE <sub>LCh</sub>	53, 32.870, 326.050
Yxy	20.8896, 0.3162, 0.2555
Android (android.graphics.Color)	4288573086 (0xFF9E6E9E)
YUV	129.8240, 13.8908, 24.7104
Hunter-Lab	45.7051, 20.9648, -13.4321

# Details

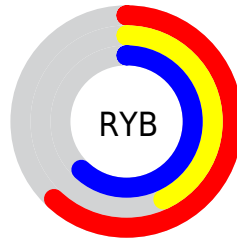
The YUV color **129.8240, 13.8908, 24.7104** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **138.1760, -13.8908, -24.7104**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0630, 14.7589, 26.2547**, and **79.6990, 13.4594, 23.0660** is the 20% darker color. If you saturate the color by 10%, you get **120.4320, 18.5210, 32.9471**, and if you desaturate by 10%, it is **139.2160, 9.2605, 16.4736**.

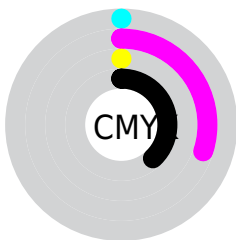
# Distribution



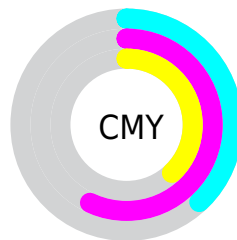
- Red (62%)
- Green (43%)
- Blue (62%)



- Red (62%)
- Yellow (43%)
- Blue (62%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (57%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 129.8240, 13.8908, 24.7104 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 129.8240, 13.8908, 24.7104 by changing the saturation by 10% instead.



129.8240, 13.8908,  
24.7104

129.8240, 13.8908,  
24.7104

255.0000, 0.0000,  
0.0000

104.1120, 13.7488,  
23.5808

183.0630, 14.7589,  
26.2547

79.6990, 13.4594,  
23.0660

211.3620, 14.6115,  
26.8695

55.8730, 12.8806,  
22.0364

232.6940, 10.9969,  
19.5624

32.5740, 13.0280,  
21.4216

249.7170, 2.6045,  
4.6332

14.9820, 10.8549,  
18.4328

2.1830, 5.8258,  
-1.9145

0.0000, 0.0000,

0.0000

■ 129.8240, 13.8908,  
24.7104

■ 129.8240, 13.8908,  
24.7104

■ 120.4320, 18.5210,  
32.9471

■ 139.2160, 9.2605,  
16.4736

■ 111.0400, 23.1513,  
41.1839

■ 148.6080, 4.6303,  
8.2368

■ 102.2350, 27.4921,  
48.9059

■ 157.4130, 0.2894,  
0.5148

■ 92.8430, 32.1224,  
57.1427

■ 166.8050, -4.3409,  
-7.7220

■ 83.4510, 36.7527,  
65.3795

■ 176.1970, -8.9711,  
-15.9588

■ 74.0590, 41.3829,  
73.6163

■ 185.5890,  
-13.6014, -24.1956

■ 65.2540, 45.7238,  
81.3382

■ 194.9810,  
-18.2316, -32.4323

■ 203.7860,  
-22.5725, -40.1543

■ 213.1780,  
-27.2028, -48.3911

# Harmonies

## Analogous

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



127.6940, 24.3079, -3.2396



129.8240, 13.8908, 24.7104



128.9050, 1.0328, 42.1793

# Triad

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



129.8240, 13.8908, 24.7104



124.3190, -27.2723, 20.7682



99.8670, 24.7156, -87.5834

# Complementary

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



129.8240, 13.8908, 24.7104



138.1760, -13.8908, -24.7104

# 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.



109.4180, 5.7099, -58.2486



129.8240, 13.8908, 24.7104



121.5010, -23.4180, -2.1934

# Square

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



129.8240, 13.8908, 24.7104



125.9820, -22.6691, 37.7268



117.4360, -11.5539, -27.5694



100.0270, 35.4827, -87.7237



# Rectangle

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



129.8240, 13.8908, 24.7104



127.9350, -7.8560, 46.5380



117.4360, -11.5539, -27.5694



98.8410, 20.7844, -86.6836

# Sweetspot

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



129.8240, 13.8908, 24.7104



195.8470, 5.4984, 9.7812



115.4720, 20.9663, -4.7989



97.9560, 3.4727, 6.1776



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



129.8240, 13.8908, 24.7104



162.9750, 21.7043, 38.6099



127.0880, 3.4076, 27.1098



74.3040, 2.3151, 4.1184



59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220



# Inverse Universe

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



129.8240, 13.8908, 24.7104



162.9750, 21.7043, 38.6099



140.9120, -3.4076, -27.1098



74.3040, 2.3151, 4.1184



59.0590, 41.3829, 73.6163

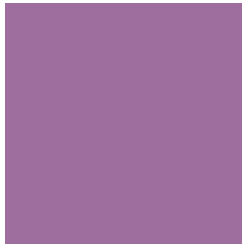


6.1950, 4.3409, 7.7220



# Previews

## White Background



This preview shows how the YUV color 129.8240, 13.8908, 24.7104 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

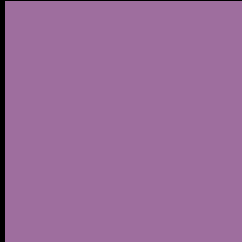
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 129.8240, 13.8908, 24.7104 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

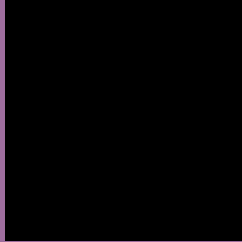
Any Text WCAG AA ✓ Pass

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 129.8240, 13.8908, 24.7104 Background



This preview shows how black text looks on a background with the YUV color 129.8240, 13.8908, 24.7104.



This preview shows how white text looks on a background with the YUV color 129.8240, 13.8908,



# 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

129.8240, 13.8908, 24.7104

### Protanopia

126.7270, 20.8406, -11.1616

### Deuteranopia

127.5340, 13.5407, -3.0993



## Tritanopia

128.3880, -1.6703, 22.4617

# Trichromacy



## Original Color

129.8240, 13.8908, 24.7104

## Protanomaly

128.1200, 18.1818, 1.6488

## Deuteranomaly

128.3010, 13.6556, 6.7520

## Tritanomaly

128.8810, 4.0027, 22.9064

# Monochromacy



## Original Color

129.8240, 13.8908, 24.7104

## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

130.0210, 4.9196, 8.7516

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.8240, 13.8908, 24.7104 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(158, 110, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 110, 158)  
}
```

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(158, 110, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 110, 158) }
```

## Border

The CSS property to change the border of an element to YUV 129.8240, 13.8908, 24.7104 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(158, 110, 158) }
```



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

```
.border{ border-color:rgb(158, 110, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 110, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 110, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 110, 158);  
box-shadow:4px 4px 4px 4px rgb(158, 110,  
158) }
```

# Background

The CSS property to change the background color of an element to YUV 129.8240, 13.8908, 24.7104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 110, 158) }
```

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

```
.background{ background-color: rgb(158,  
110, 158) }
```

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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