

# Converting Colors

YUV(130.7670, 0.1149, 9.8513)

Have a look what the booklet for  
YUV(130.7670, 0.1149, 9.8513)  
contains.

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# Color

**YUV(130.7670, 0.1149,  
9.8513)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E7D83
RGB	142, 125, 131
RGB Percent	56%, 49%, 51%
CMY	0.4431, 0.5098, 0.4863
CMYK	0.00, 0.12, 0.08, 0.44
HSL	339°, 7%, 52%
HSV	339°, 12%, 56%
XYZ	22.5857, 22.0567, 24.5397
YIQ	130.7670, 8.2060, 5.4700

# Conversions

## Conversions Part 2

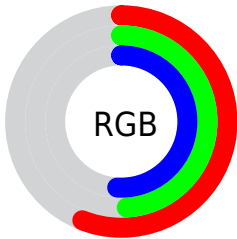
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 125, 131
Decimal	9338243
CIE Lab	54.09, 7.60, -0.87
CIE LCh	54, 7.646, 353.451
Yxy	22.0567, 0.3265, 0.3188
Android (android.graphics.Color)	4287528323 (0xFF8E7D83)
YUV	130.7670, 0.1149, 9.8513
Hunter-Lab	46.9646, 3.6542, 1.8953

# Details

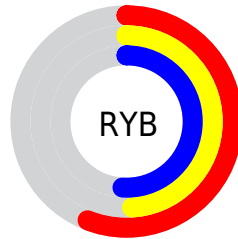
The YUV color  $130.7670, 0.1149, 9.8513$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $136.2330, -0.1149, -9.8513$ , and the grayscale version is  $131.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $184.0660, -0.0325, 10.4661$ , and  $81.4680, 0.2623, 9.2366$  is the 20% darker color. If you saturate the color by 10%, you get  $121.5230, 0.2352, 17.9583$ , and if you desaturate by 10%, it is  $140.0110, -0.0054, 1.7444$ .

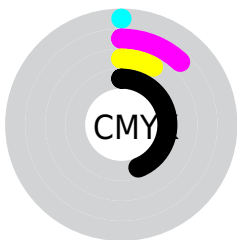
# Distribution



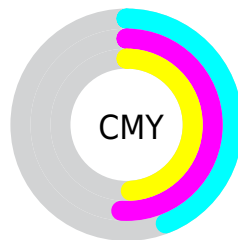
- Red (56%)
- Green (49%)
- Blue (51%)



- Red (56%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (44%)




- Cyan (44%)
- Magenta (51%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 130.7670, 0.1149, 9.8513 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 130.7670, 0.1149, 9.8513 by changing the saturation by 10% instead.




 130.7670, 0.1149,  
9.8513


 130.7670, 0.1149,  
9.8513


255.0000, 0.0000,  
0.0000

 105.4680, 0.2623,  
9.2366


 184.0660, -0.0325,  
10.4661


 81.4680, 0.2623,  
9.2366


 211.4790, 0.2569,  
10.9809

 58.1690, 0.4097,  
8.6218

 239.4790, 0.2569,  
10.9809

 36.7560, 0.1203,  
8.1070

 14.8810, 0.5517,  
9.7514

 0.0000, 0.0000,  
0.0000

130.7670, 0.1149,  
9.8513

130.7670, 0.1149,  
9.8513

121.5230, 0.2352,  
17.9583

140.0110, -0.0054,  
1.7444

112.2790, 0.3555,  
26.0653

149.2550, -0.1257,  
-6.3626

102.3340, 0.3283,  
34.7871

159.2000, -0.0986,  
-15.0844

93.0900, 0.4486,  
42.8941

168.4440, -0.2189,  
-23.1914

83.8460, 0.5689,  
51.0011

177.6880, -0.3392,  
-31.2984

74.6020, 0.6892,  
59.1080

186.9320, -0.4595,  
-39.4054

65.3580, 0.8095,  
67.2150

196.1760, -0.5798,  
-47.5124


55.4130, 0.7824,

206.1210, -0.5527,

75.9368

-56.2341

 48.1580, 0.9081,  
82.2994

 215.3650, -0.6729,  
-64.3411

# Harmonies

## Analogous

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



130.5430, 3.1833, 5.6628



130.7670, 0.1149, 9.8513



130.5670, -3.2375, 11.7807

# Triad

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



130.7670, 0.1149, 9.8513



128.2190, -5.5310, 0.6849



127.8290, 6.0003, -11.2510

# Complementary

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



130.7670, 0.1149, 9.8513



136.2330, -0.1149, -9.8513

# 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.



127.1340, 3.3849, -12.3955



130.7670, 0.1149, 9.8513



127.7560, -3.3307, -5.0480

# Square

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



130.7670, 0.1149, 9.8513



129.0240, -6.4208, 6.1180



127.3470, 0.3219, -9.9513



128.6770, 6.5682, -6.7327



# Rectangle

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



130.7670, 0.1149, 9.8513



130.3990, -5.1267, 11.0511



127.3470, 0.3219, -9.9513



127.8890, 4.9847, -12.1807

# Sweetspot

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



130.7670, 0.1149, 9.8513



178.7340, 0.1311, 4.6183



130.2270, 5.8041, 5.0629



88.7230, 0.1366, 2.8739



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



130.7670, 0.1149, 9.8513



166.8000, 0.0986, 15.0844



131.2570, -3.0847, 9.4216



66.4350, 0.2785, 4.0035



45.8370, 1.0664, 78.1960



2.7340, 0.1311, 4.6183



# Inverse Universe

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



130.7670, 0.1149, 9.8513



166.8000, 0.0986, 15.0844



135.7430, 3.0847, -9.4216



66.4350, 0.2785, 4.0035



45.8370, 1.0664, 78.1960



2.7340, 0.1311, 4.6183



# Previews

## White Background



This preview shows how the YUV color 130.7670, 0.1149, 9.8513 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 130.7670, 0.1149, 9.8513 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 130.7670, 0.1149, 9.8513

## Background



This preview shows how black text looks on a background with the YUV color 130.7670, 0.1149, 9.8513.



This preview shows how white text looks on a background with the YUV color 130.7670, 0.1149, 9.8513.



# 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

130.7670, 0.1149, 9.8513

### Protanopia

130.0540, 1.4524, 0.8296

### Deuteranopia

130.4680, 0.2623, 9.2366



## Tritanopia

130.5220, 1.7147, 10.0662

# Trichromacy



## Original Color

130.7670, 0.1149, 9.8513

## Protanomaly

130.5490, 0.7153, 3.9035

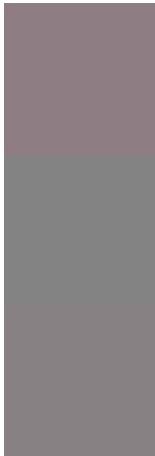
## Deuteranomaly

130.4680, 0.2623, 9.2366

## Tritanomaly

130.4080, 1.2779, 10.1662

# Monochromacy



## Original Color

130.7670, 0.1149, 9.8513

## Achromatopsia

131.0000, 0.0000, 0.0000

## Achromatomaly

131.0220, -0.0108, 3.4887

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.7670, 0.1149, 9.8513 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(142, 125, 131)` looks like.

```
.text, #text, p{  
    color:rgb(142, 125, 131)  
}
```

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(142, 125, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 125, 131) }
```

## Border

The CSS property to change the border of an element to YUV 130.7670, 0.1149, 9.8513 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(142, 125, 131) }
```



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

```
.border{ border-color:rgb(142, 125, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 125, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 125, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 125, 131);  
box-shadow:4px 4px 4px 4px rgb(142, 125,  
131) }
```

# Background

The CSS property to change the background color of an element to YUV 130.7670, 0.1149, 9.8513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 125, 131) }
```

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

```
.background{ background-color: rgb(142,  
125, 131) }
```

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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