

# Converting Colors

YUV(139.9680, 1.9878, 15.8141)

Have a look what the booklet for  
YUV(139.9680, 1.9878, 15.8141)  
contains.

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# Color

**YUV(139.9680, 1.9878,  
15.8141)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E8290
RGB	158, 130, 144
RGB Percent	62%, 51%, 56%
CMY	0.3804, 0.4902, 0.4353
CMYK	0.00, 0.18, 0.09, 0.38
HSL	330°, 13%, 56%
HSV	330°, 18%, 62%
XYZ	27.1172, 25.2480, 29.8297
YIQ	139.9680, 12.1940, 10.2900

# Conversions

## Conversions Part 2

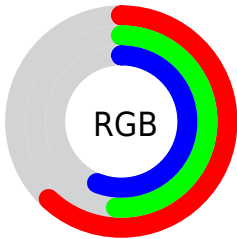
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 130, 144
Decimal	10388112
CIE <sub>Lab</sub>	57.32, 13.14, -3.49
CIE <sub>LCh</sub>	57, 13.596, 345.135
Yxy	25.2480, 0.3299, 0.3072
Android (android.graphics.Color)	4288578192 (0xFF9E8290)
YUV	139.9680, 1.9878, 15.8141
Hunter-Lab	50.2474, 8.3990, -0.0247

# Details

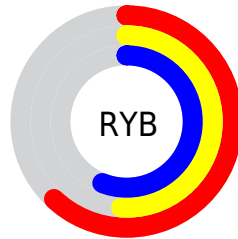
The YUV color  $139.9680, 1.9878, 15.8141$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $148.0320, -1.9878, -15.8141$ , and the grayscale version is  $140.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $193.6800, 2.1298, 16.9436$ , and  $89.9570, 1.9932, 14.0697$  is the 20% darker color. If you saturate the color by 10%, you get  $129.6640, 3.1236, 24.8507$ , and if you desaturate by 10%, it is  $150.2720, 0.8519, 6.7775$ .

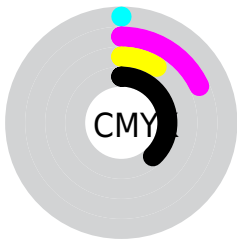
# Distribution



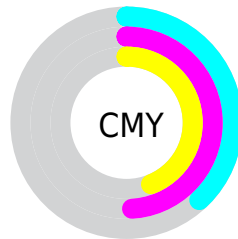
- Red (62%)
- Green (51%)
- Blue (56%)



- Red (62%)
- Yellow (51%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (38%)




- Cyan (38%)
- Magenta (49%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 139.9680, 1.9878, 15.8141 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 139.9680, 1.9878, 15.8141 by changing the saturation by 10% instead.



 139.9680, 1.9878,  
15.8141

 139.9680, 1.9878,  
15.8141

255.0000, 0.0000,  
0.0000

 114.5550, 1.6984,  
15.2993

 193.6800, 2.1298,  
16.9436

 89.9570, 1.9932,  
14.0697


 221.6800, 2.1298,  
16.9436

 65.9570, 1.9932,  
14.0697

 245.4940, 4.1935,  
8.3368

 44.2450, 1.8512,  
12.9401

 22.6470, 2.1460,  
11.7106

 1.1960, -0.5896,  
2.4591

 0.0000, 0.0000,

0.0000

139.9680, 1.9878,  
15.8141

139.9680, 1.9878,  
15.8141

129.6640, 3.1236,  
24.8507

150.2720, 0.8519,  
6.7775

119.3600, 4.2595,  
33.8873

160.5760, -0.2840,  
-2.2592

109.6430, 5.1060,  
42.4091

170.2930, -1.1304,  
-10.7810

99.3390, 6.2419,  
51.4457

180.5970, -2.2663,  
-19.8176

89.1490, 7.8145,  
60.3823

190.9010, -3.4022,  
-28.8542

78.8450, 8.9504,  
69.4189

201.0910, -4.9749,  
-37.7908

■ 68.5410, 10.0863,  
78.4555

■ 211.3950, -6.1107,  
-46.8274

■ 58.8240, 10.9328,  
86.9774

■ 220.5250, -6.6678,  
-54.8344

■ 56.2480, 11.2167,  
89.2365

■ 221.4370, -3.1734,  
-55.6342

# Harmonies

## Analogous

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



139.5800, 7.1091, 6.5073



139.9680, 1.9878, 15.8141



140.0950, -3.9908, 20.0877

# Triad

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



139.9680, 1.9878, 15.8141



136.8620, -10.7780, 3.6290



133.7890, 9.9640, -22.6170

# Complementary

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



139.9680, 1.9878, 15.8141



148.0320, -1.9878, -15.8141

# 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.



133.4100, 4.7279, -23.1616



139.9680, 1.9878, 15.8141



135.1210, -6.9617, -7.1221

# Square

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



139.9680, 1.9878, 15.8141



138.1020, -11.3893, 13.0655



133.8470, -1.4036, -16.5288



135.7020, 11.9789, -15.5247



# Rectangle

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



139.9680, 1.9878, 15.8141



139.4710, -7.6272, 19.7579



133.8470, -1.4036, -16.5288



133.7350, 8.5116, -23.4466

# Sweetspot

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



139.9680, 1.9878, 15.8141



199.8590, 0.5625, 6.2627



137.3780, 10.1666, 5.8075



100.4350, 0.2785, 4.0035



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.



139.9680, 1.9878, 15.8141



178.6640, 3.1236, 24.8507



138.3720, -4.1274, 17.2138



73.8480, 0.5679, 4.5183



50.8510, 9.9335, 80.8147



5.3970, 1.2833, 8.4218



# Inverse Universe

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



139.9680, 1.9878, 15.8141



178.6640, 3.1236, 24.8507



149.6280, 4.1274, -17.2138



73.8480, 0.5679, 4.5183



50.8510, 9.9335, 80.8147

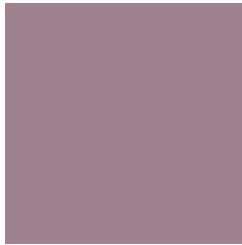


5.3970, 1.2833, 8.4218



# Previews

## White Background



This preview shows how the YUV color 139.9680, 1.9878, 15.8141 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 139.9680, 1.9878, 15.8141 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

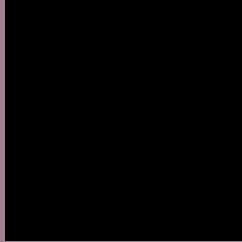
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 139.9680, 1.9878, 15.8141

## Background



This preview shows how black text looks on a background with the YUV color 139.9680, 1.9878, 15.8141.



This preview shows how white text looks on a background with the YUV color 139.9680, 1.9878,



# 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

139.9680, 1.9878, 15.8141

### Protanopia

138.2540, 4.8048, -1.0998

### Deuteranopia

139.5110, 1.7201, 8.3219



## Tritanopia

140.2130, 0.3880, 15.5992

# Trichromacy



## Original Color

139.9680, 1.9878, 15.8141

## Protanomaly

138.7710, 4.0569, 5.4628

## Deuteranomaly

139.8210, 1.5672, 10.6810

## Tritanomaly

140.3270, 0.8248, 15.4992

# Monochromacy



## Original Color

139.9680, 1.9878, 15.8141

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

139.8590, 0.5625, 6.2627

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.9680, 1.9878, 15.8141 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, 130, 144)` looks like.

```
.text, #text, p{  
    color:rgb(158, 130, 144)  
}
```

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, 130, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 130, 144) }
```

## Border

The CSS property to change the border of an element to YUV 139.9680, 1.9878, 15.8141 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, 130, 144) }
```



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

```
.border{ border-color:rgb(158, 130, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 130, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 130, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 130, 144);  
box-shadow:4px 4px 4px 4px rgb(158, 130,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 139.9680, 1.9878, 15.8141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 130, 144) }
```

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

```
.background{ background-color: rgb(158,  
130, 144) }
```

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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