

# Converting Colors

YUV(134.2350, 0.3771, 19.0879)

Have a look what the booklet for  
YUV(134.2350, 0.3771, 19.0879)  
contains.

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# Color

**YUV(134.2350, 0.3771,  
19.0879)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C7B87
RGB	156, 123, 135
RGB Percent	61%, 48%, 53%
CMY	0.3882, 0.5176, 0.4706
CMYK	0.00, 0.21, 0.13, 0.39
HSL	338°, 14%, 55%
HSV	338°, 21%, 61%
XYZ	25.1664, 22.9831, 26.0314
YIQ	134.2350, 15.8160, 10.7280

# Conversions

## Conversions Part 2

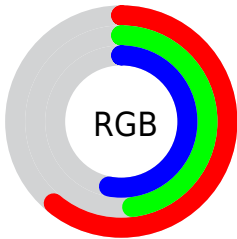
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 123, 135
Decimal	10255239
CIE <sub>Lab</sub>	55.05, 14.80, -1.62
CIE <sub>LCh</sub>	55, 14.886, 353.747
Yxy	22.9831, 0.3393, 0.3098
Android (android.graphics.Color)	4288445319 (0xFF9C7B87)
YUV	134.2350, 0.3771, 19.0879
Hunter-Lab	47.9407, 9.8072, 1.3645

# Details

The YUV color  $134.2350, 0.3771, 19.0879$  is a dark color, and the websafe version is hex  $996666$ . A complement of this color would be  $144.7650, -0.3771, -19.0879$ , and the grayscale version is  $134.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $187.8330, 0.0823, 20.3175$ , and  $84.2240, 0.3826, 17.3436$  is the 20% darker color. If you saturate the color by 10%, you get  $123.7030, 0.6394, 28.3245$ , and if you desaturate by 10%, it is  $144.7670, 0.1149, 9.8513$ .

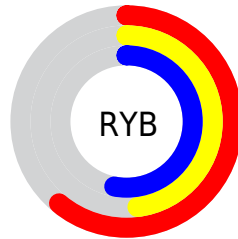
# Distribution



Red (61%)

Green (48%)

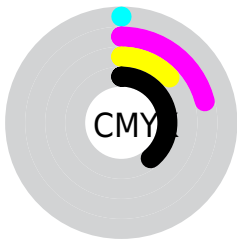
Blue (53%)



Red (61%)

Yellow (48%)

Blue (53%)

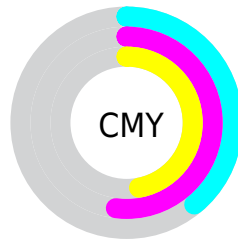


Cyan (0%)

Magenta (21%)

Yellow (13%)

Black (39%)



Cyan (39%)

Magenta (52%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.2350, 0.3771, 19.0879 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 134.2350, 0.3771, 19.0879 by changing the saturation by 10% instead.




 134.2350, 0.3771,  
19.0879


 134.2350, 0.3771,  
19.0879

255.0000, 0.0000,  
0.0000

 108.9360, 0.5246,  
18.4731


 187.8330, 0.0823,  
20.3175

 84.2240, 0.3826,  
17.3436


 215.2460, 0.3717,  
20.8323

 60.9250, 0.5300,  
16.7288

 239.6580, 2.1406,  
13.4549

 38.9140, 0.5354,  
14.9844

 16.8540, 1.5510,  
15.9140

 0.0000, 0.0000,  
0.0000

134.2350, 0.3771,  
19.0879

134.2350, 0.3771,  
19.0879

123.7030, 0.6394,  
28.3245

144.7670, 0.1149,  
9.8513

113.7580, 0.6123,  
37.0462

154.7120, 0.1420,  
1.1296

103.2260, 0.8746,  
46.2828

165.2440, -0.1203,  
-8.1070

93.2810, 0.8475,  
55.0046

175.1890, -0.0932,  
-16.8288

82.7490, 1.1097,  
64.2411

185.7210, -0.3555,  
-26.0653

72.2170, 1.3720,  
73.4777

196.2530, -0.6177,  
-35.3019

62.3860, 1.7817,  
82.0995

206.0840, -1.0274,  
-43.9237

53.1420, 1.9020,

216.6160, -1.2897,

90.2065

-53.1602

 221.8650, 1.0526,  
-57.7636

# Harmonies

## Analogous

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



133.7870, 6.5140, 10.7108



134.2350, 0.3771, 19.0879



133.6500, -5.7434, 22.2320

# Triad

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



134.2350, 0.3771, 19.0879



130.1390, -10.9145, 0.7551



127.9460, 11.8586, -23.6316

# Complementary

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



134.2350, 0.3771, 19.0879



144.7650, -0.3771, -19.0879

# 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.



126.7840, 7.5015, -26.1206



134.2350, 0.3771, 19.0879



128.3270, -6.0772, -10.8108

# Square

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



134.2350, 0.3771, 19.0879



131.7490, -12.6943, 11.6211



127.0960, 0.9387, -21.1322



130.6420, 12.9945, -14.5950



# Rectangle

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



134.2350, 0.3771, 19.0879



133.4280, -9.0850, 20.6726



127.0960, 0.9387, -21.1322



127.5930, 10.5537, -25.0761

# Sweetspot

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



134.2350, 0.3771, 19.0879



196.0440, -0.0217, 6.9774



133.0410, 11.3188, 9.6110



97.3210, -0.1583, 4.1035



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.



134.2350, 0.3771, 19.0879



170.4150, 0.7814, 29.4540



135.2150, -6.0220, 18.2284



73.7340, 0.1311, 4.6183



48.6850, 1.6343, 82.7143



5.1690, 0.4097, 8.6218



# Inverse Universe

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



134.2350, 0.3771, 19.0879



170.4150, 0.7814, 29.4540



143.7850, 6.0220, -18.2284



73.7340, 0.1311, 4.6183



48.6850, 1.6343, 82.7143



5.1690, 0.4097, 8.6218



# Previews

## White Background



This preview shows how the YUV color 134.2350, 0.3771, 19.0879 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 134.2350, 0.3771, 19.0879 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 134.2350, 0.3771, 19.0879

## Background



This preview shows how black text looks on a background with the YUV color 134.2350, 0.3771, 19.0879.



This preview shows how white text looks on a background with the YUV color 134.2350, 0.3771,



# 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

134.2350, 0.3771, 19.0879

### Protanopia

132.3250, 3.7838, -0.2850

### Deuteranopia

133.4680, 0.2623, 9.2366



## Tritanopia

134.0070, -0.4965, 19.2879

# Trichromacy



## Original Color

134.2350, 0.3771, 19.0879

## Protanomaly

133.0270, 2.4517, 6.9923

## Deuteranomaly

133.4900, 0.2514, 12.7253

## Tritanomaly

134.1210, -0.0597, 19.1879

# Monochromacy



## Original Color

134.2350, 0.3771, 19.0879

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

134.0440, -0.0217, 6.9774

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.2350, 0.3771, 19.0879 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(156, 123, 135)` looks like.

```
.text, #text, p{  
    color:rgb(156, 123, 135)  
}
```

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(156, 123, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 123, 135) }
```

## Border

The CSS property to change the border of an element to YUV 134.2350, 0.3771, 19.0879 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(156, 123, 135) }
```



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

```
.border{ border-color:rgb(156, 123, 135) }
```

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

Here you see how a box with a 4 pixel rgb(156, 123, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 123, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 123, 135);  
box-shadow:4px 4px 4px 4px rgb(156, 123,  
135) }
```

# Background

The CSS property to change the background color of an element to YUV 134.2350, 0.3771, 19.0879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 123, 135) }
```

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

```
.background{ background-color: rgb(156,  
123, 135) }
```

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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