

# Converting Colors

YUV(133.9550, 4.9522, -1.7145)

Have a look what the booklet for  
YUV(133.9550, 4.9522, -1.7145)  
contains.

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# Color

**YUV(133.9550, 4.9522,  
-1.7145)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	848590
RGB	132, 133, 144
RGB Percent	52%, 52%, 56%
CMY	0.4824, 0.4784, 0.4353
CMYK	0.08, 0.08, 0.00, 0.44
HSL	235°, 5%, 54%
HSV	235°, 8%, 56%
XYZ	22.9373, 23.6942, 29.7501
YIQ	133.9550, -4.1270, 3.2090

# Conversions

## Conversions Part 2

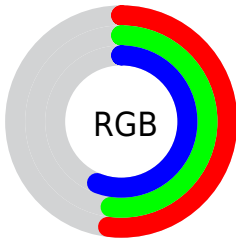
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 133, 144
Decimal	8684944
CIE Lab	55.78, 1.90, -6.02
CIE LCh	56, 6.312, 287.485
Yxy	23.6942, 0.3003, 0.3102
Android (android.graphics.Color)	4286875024 (0xFF848590)
YUV	133.9550, 4.9522, -1.7145
Hunter-Lab	48.6767, -1.0720, -2.1630

# Details

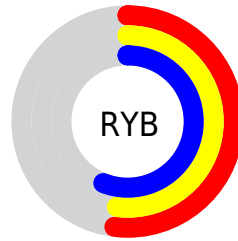
The YUV color `133.9550, 4.9522, -1.7145` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `142.0450, -4.9522, 1.7145`, and the grayscale version is `134.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `187.0690, 5.3890, -1.8145`, and `84.8410, 4.5154, -1.6146` is the 20% darker color. If you saturate the color by 10%, you get `122.1380, 10.7780, -3.6290`, and if you desaturate by 10%, it is `145.7720, -0.8736, 0.2000`.

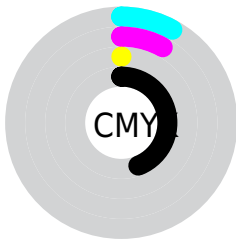
# Distribution



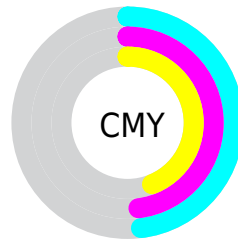
- Red (52%)
- Green (52%)
- Blue (56%)



- Red (52%)
- Yellow (52%)
- Blue (56%)



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



- Cyan (48%)
- Magenta (48%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.9550, 4.9522, -1.7145 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 133.9550, 4.9522, -1.7145 by changing the saturation by 10% instead.



■ 133.9550, 4.9522,  
-1.7145

■ 133.9550, 4.9522,  
-1.7145

255.0000, 0.0000,  
0.0000

■ 108.8410, 4.5154,  
-1.6146

■ 187.0690, 5.3890,  
-1.8145

■ 84.8410, 4.5154,  
-1.6146

■ 215.0690, 5.3890,  
-1.8145

■ 61.4280, 4.2260,  
-2.1294

■ 243.0690, 5.3890,  
-1.8145

■ 39.7270, 4.0786,  
-1.5146

■ 18.7270, 4.0786,  
-1.5146

■ 0.0000, 0.0000,  
0.0000

■ 133.9550, 4.9522,  
-1.7145

■ 133.9550, 4.9522,  
-1.7145

■ 122.1380, 10.7780,  
-3.6290

■ 145.7720, -0.8736,  
0.2000

■ 110.0220, 16.7512,  
-6.1583

■ 157.8880, -6.8468,  
2.7292

■ 97.6180, 22.8663,  
-7.5580

■ 170.2920,  
-12.9620, 4.1289

■ 85.5020, 28.8395,  
-10.0873

■ 182.4080,  
-18.9351, 6.6582

■ 73.6850, 34.6653,  
-12.0017

■ 194.2250,  
-24.7609, 8.5727

■ 61.8680, 40.4911,  
-13.9162

■ 206.0420,  
-30.5867, 10.4872

■ 49.7520, 46.4643,  
-16.4455

■ 218.1580,  
-36.5599, 13.0164

■ 37.3480, 52.5794,

■ 230.5620,

-17.8452

-42.6751, 14.4161

■ 25.2320, 58.5526,  
-20.3745

■ 240.5850,  
-47.6164, 12.6420

# Harmonies

## Analogous

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



133.3350, 5.2578, -6.4328



133.9550, 4.9522, -1.7145



134.5320, 3.1887, 3.9184

# Triad

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



133.9550, 4.9522, -1.7145



134.6160, -4.2477, 9.1068



132.1300, -0.5571, -8.0070

# Complementary

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



133.9550, 4.9522, -1.7145



142.0450, -4.9522, 1.7145

# 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.



132.4680, -3.1887, -3.9184



133.9550, 4.9522, -1.7145



133.6650, -5.2578, 6.4328

# Square

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



133.9550, 4.9522, -1.7145



134.8980, -1.9217, 9.7365



133.0450, -4.9522, 1.7145



131.9170, 2.5059, -10.4512



# Rectangle

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



133.9550, 4.9522, -1.7145



134.5000, 1.7255, 6.5775



133.0450, -4.9522, 1.7145



132.5000, -1.7255, -6.5775

# Sweetspot

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



133.9550, 4.9522, -1.7145



181.5700, 2.1840, -0.4999



140.2980, 1.3321, -7.2773



91.3420, 1.3104, -0.2999



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



133.9550, 4.9522, -1.7145



170.6390, 7.5730, -2.3144



134.8630, 4.5045, 1.8741



65.3850, 2.7682, -1.2146



21.8470, 55.7844, -19.1598



1.4990, 3.2050, -1.3146



# Inverse Universe

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



135.7020, -1.3321, 7.2773



173.4960, -2.2165, 10.9660



141.1370, -4.5045, -1.8741



66.2070, -0.5951, 4.2035



41.6190, -15.0952, 81.8951



2.5060, -0.7425, 4.8182



# Previews

## White Background



This preview shows how the YUV color 133.9550, 4.9522, -1.7145 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 133.9550, 4.9522, -1.7145 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 133.9550, 4.9522, -1.7145

## Background



This preview shows how black text looks on a background with the YUV color 133.9550, 4.9522, -1.7145.



This preview shows how white text looks on a background with the YUV color 133.9550, 4.9522,

-1.7145.

# 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

133.9550, 4.9522, -1.7145

### Protanopia

134.2540, 4.8048, -1.0998

### Deuteranopia

134.9990, 4.9305, 5.2629



## Tritanopia

133.9550, 4.9522, -1.7145

# Trichromacy



## Original Color

133.9550, 4.9522, -1.7145

## Protanomaly

134.2540, 4.8048, -1.0998

## Deuteranomaly

134.6890, 5.0833, 2.9037

## Tritanomaly

133.9550, 4.9522, -1.7145

# Monochromacy



## Original Color

133.9550, 4.9522, -1.7145

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

134.1570, 1.8946, -1.0147

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.9550, 4.9522, -1.7145 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(132, 133, 144)` looks like.

```
.text, #text, p{  
    color:rgb(132, 133, 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(132, 133, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 133, 144) }
```

## Border

The CSS property to change the border of an element to YUV 133.9550, 4.9522, -1.7145 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(132, 133, 144) }
```



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

```
.border{ border-color:rgb(132, 133, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 133, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 133, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 133, 144);  
box-shadow:4px 4px 4px 4px rgb(132, 133,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 133.9550, 4.9522, -1.7145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 133, 144) }
```

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

```
.background{ background-color: rgb(132,  
133, 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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