

# Converting Colors

YUV(133.2930, 2.3206, 2.3740)

Have a look what the booklet for  
YUV(133.2930, 2.3206, 2.3740)  
contains.

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# Color

**YUV(133.2930, 2.3206,  
2.3740)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88838A
RGB	136, 131, 138
RGB Percent	53%, 51%, 54%
CMY	0.4667, 0.4863, 0.4588
CMYK	0.01, 0.05, 0.00, 0.46
HSL	283°, 3%, 53%
HSV	283°, 5%, 54%
XYZ	22.8571, 23.3018, 27.3378
YIQ	133.2930, 0.7330, 3.2370

# Conversions

## Conversions Part 2

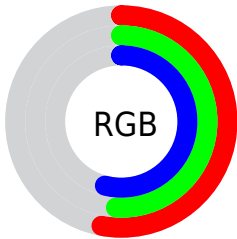
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 131, 138
Decimal	8946570
CIE Lab	55.38, 3.25, -3.10
CIE LCh	55, 4.492, 316.357
Yxy	23.3018, 0.3110, 0.3170
Android (android.graphics.Color)	4287136650 (0xFF88838A)
YUV	133.2930, 2.3206, 2.3740
Hunter-Lab	48.2720, 0.0450, 0.2128

# Details

The YUV color **133.2930, 2.3206, 2.3740** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **135.7070, -2.3206, -2.3740**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.2930, 2.3206, 2.3740**, and **83.8800, 2.0312, 1.8592** is the 20% darker color. If you saturate the color by 10%, you get **123.8790, 6.9617, 7.1221**, and if you desaturate by 10%, it is **142.7070, -2.3206, -2.3740**.

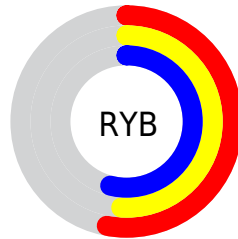
# Distribution



Red (53%)

Green (51%)

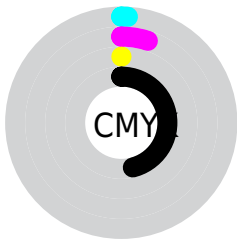
Blue (54%)



Red (53%)

Yellow (51%)

Blue (54%)

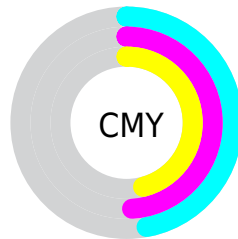


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (46%)



Cyan (47%)

Magenta (49%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.2930, 2.3206, 2.3740 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 133.2930, 2.3206, 2.3740 by changing the saturation by 10% instead.



■ 133.2930, 2.3206,  
2.3740

■ 133.2930, 2.3206,  
2.3740

■ 255.0000, 0.0000,  
0.0000

■ 108.2930, 2.3206,  
2.3740

■ 186.2930, 2.3206,  
2.3740

■ 83.8800, 2.0312,  
1.8592

■ 214.2930, 2.3206,  
2.3740

■ 60.8800, 2.0312,  
1.8592

■ 242.7060, 2.6099,  
2.8888

■ 38.8800, 2.0312,  
1.8592

■ 18.1790, 1.8838,  
2.4740

■ 0.0000, 0.0000,  
0.0000

■ 133.2930, 2.3206,  
2.3740

■ 133.2930, 2.3206,  
2.3740

■ 123.8790, 6.9617,  
7.1221

■ 142.7070, -2.3206,  
-2.3740

■ 114.4650, 11.6028,  
11.8702

■ 152.1210, -6.9617,  
-7.1221

■ 105.6380, 15.9545,  
16.1035

■ 160.9480,  
-11.3134, -11.3554

■ 96.2240, 20.5956,  
20.8516

■ 170.3620,  
-15.9545, -16.1035

■ 86.8100, 25.2367,  
25.5996

■ 179.7760,  
-20.5956, -20.8516

■ 77.3960, 29.8778,  
30.3477

■ 189.1900,  
-25.2367, -25.5996

■ 67.9820, 34.5189,  
35.0958

■ 198.6040,  
-29.8778, -30.3477

■ 59.1550, 38.8706,

■ 207.4310,

39.3291

-34.2295, -34.5810

■ 50.0400, 43.3643,  
44.6919

■ 216.5460,  
-38.7232, -39.9438

# Harmonies

## Analogous

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



132.6130, 3.6418, -1.4146



133.2930, 2.3206, 2.3740



133.5600, 0.7099, 5.6479

# Triad

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



133.2930, 2.3206, 2.3740



132.9960, -3.9420, 4.3885



131.4120, 1.7689, -7.3773

# Complementary

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



133.2930, 2.3206, 2.3740



135.7070, -2.3206, -2.3740

# 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.



131.5540, -0.2731, -5.7479



133.2930, 2.3206, 2.3740



132.3870, -3.6418, 1.4146

# Square

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



133.2930, 2.3206, 2.3740



133.5340, -3.2213, 6.5477



131.7070, -2.3206, -2.3740



131.4660, 3.2213, -6.5477



# Rectangle

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



133.2930, 2.3206, 2.3740



133.5170, -0.7479, 6.5626



131.7070, -2.3206, -2.3740



131.4830, 0.7479, -6.5626

# Sweetspot

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



133.2930, 2.3206, 2.3740



176.0540, 1.4524, 0.8296



132.9720, 2.4788, -1.7294



87.8260, 0.5788, 1.0296



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



133.2930, 2.3206, 2.3740



171.3470, 3.7729, 3.2037



133.7770, 1.5889, 3.7036



65.4670, 1.7418, 1.3444



43.5670, 44.0905, 45.1067



1.7660, 1.5944, 1.9592



# Inverse Universe

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



133.3210, -0.1583, 4.1035



171.6310, -0.3111, 6.4626



135.2230, -1.5889, -3.7036



65.6090, -0.3002, 2.9739



44.0990, -3.0068, 77.9662



1.6090, -0.3002, 2.9739



# Previews

## White Background



This preview shows how the YUV color 133.2930, 2.3206, 2.3740 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 133.2930, 2.3206, 2.3740 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 133.2930, 2.3206, 2.3740

## Background



This preview shows how black text looks on a background with the YUV color 133.2930, 2.3206, 2.3740.



This preview shows how white text looks on a background with the YUV color 133.2930, 2.3206,



# 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

133.2930, 2.3206, 2.3740

### Protanopia

133.0970, 2.9102, -0.0851

### Deuteranopia

134.2120, 1.8675, 7.7071



## Tritanopia

133.6350, 3.6309, 2.0741

# Trichromacy



## Original Color

133.2930, 2.3206, 2.3740

## Protanomaly

133.3960, 2.7628, 0.5297

## Deuteranomaly

133.9020, 2.0203, 5.3479

## Tritanomaly

133.5210, 3.1941, 2.1741

# Monochromacy



## Original Color

133.2930, 2.3206, 2.3740

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

132.9400, 1.0156, 0.9296

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.2930, 2.3206, 2.3740 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(136, 131, 138)` looks like.

```
.text, #text, p{  
    color:rgb(136, 131, 138)  
}
```

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(136, 131, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 131, 138) }
```

## Border

The CSS property to change the border of an element to YUV 133.2930, 2.3206, 2.3740 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(136, 131, 138) }
```



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

```
.border{ border-color:rgb(136, 131, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 131, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 131, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 131, 138);  
box-shadow:4px 4px 4px 4px rgb(136, 131,  
138) }
```

# Background

The CSS property to change the background color of an element to YUV 133.2930, 2.3206, 2.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 131, 138) }
```

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

```
.background{ background-color: rgb(136,  
131, 138) }
```

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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