

# Converting Colors

YUV(136.9830, -0.9776,  
-13.1401)

Have a look what the booklet for  
YUV(136.9830, -0.9776, -13.1401)  
contains.

<b>YUV(136.9830, -0.9776, -13.1401)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(136.9830, -0.9776,  
-13.1401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A9187
RGB	122, 145, 135
RGB Percent	48%, 57%, 53%
CMY	0.5216, 0.4314, 0.4706
CMYK	0.16, 0.00, 0.07, 0.43
HSL	154°, 9%, 52%
HSV	154°, 16%, 57%
XYZ	22.5246, 26.1376, 26.7796
YIQ	136.9830, -10.4980, -7.9860

# Conversions

## Conversions Part 2

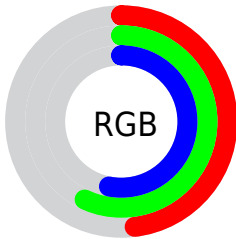
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 137, 145
Decimal	8032647
CIE <sub>Lab</sub>	58.17, -10.27, 2.57
CIE <sub>LCh</sub>	58, 10.587, 165.967
Yxy	26.1376, 0.2986, 0.3465
Android (android.graphics.Color)	4286222727 (0xFF7A9187)
YUV	136.9830, -0.9776, -13.1401
Hunter-Lab	51.1250, -10.8253, 4.7310

# Details

The YUV color  $136.9830, -0.9776, -13.1401$  is a dark color, and the websafe version is hex  $669999$ . A complement of this color would be  $130.0170, 0.9776, 13.1401$ , and the grayscale version is  $137.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $190.5700, -1.2670, -13.6549$ , and  $87.2820, -1.1250, -12.5253$  is the 20% darker color. If you saturate the color by 10%, you get  $132.1130, -1.5347, -21.1471$ , and if you desaturate by 10%, it is  $142.1520, -0.5679, -4.5183$ .

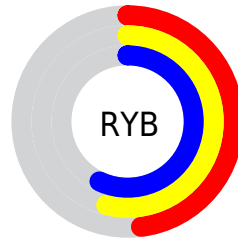
# Distribution



Red (48%)

Green (57%)

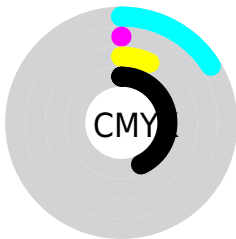
Blue (53%)



Red (48%)

Yellow (54%)

Blue (57%)

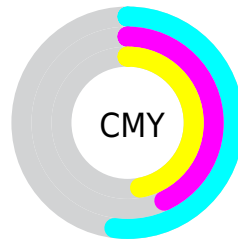


Cyan (16%)

Magenta (0%)

Yellow (7%)

Black (43%)



Cyan (52%)

Magenta (43%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.9830, -0.9776, -13.1401 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 136.9830, -0.9776, -13.1401 by changing the saturation by 10% instead.



■ 136.9830, -0.9776,  
-13.1401

■ 136.9830, -0.9776,  
-13.1401

255.0000, 0.0000,  
0.0000

■ 111.3960, -0.6882,  
-12.6253

■ 190.5700, -1.2670,  
-13.6549

■ 87.2820, -1.1250,  
-12.5253

■ 218.2710, -1.1196,  
-14.2697

■ 63.6950, -0.8356,  
-12.0105

■ 246.2710, -1.1196,  
-14.2697

■ 41.1080, -0.5462,  
-11.4957

■ 20.5100, -0.2514,  
-12.7253

■ 0.0000, 0.0000,  
0.0000

■ 136.9830, -0.9776,  
-13.1401

■ 136.9830, -0.9776,  
-13.1401

■ 132.1130, -1.5347,  
-21.1471

■ 142.1520, -0.5679,  
-4.5183

■ 126.8300, -2.3812,  
-29.6689

■ 147.1360, 0.4260,  
3.3887

■ 121.9600, -2.9383,  
-37.6759

■ 152.3050, 0.8356,  
12.0105

■ 116.7910, -3.3480,  
-46.2977

■ 157.1750, 1.3927,  
20.0175

■ 111.8070, -4.3419,  
-54.2047

■ 162.4580, 2.2392,  
28.5393

■ 106.6380, -4.7515,  
-62.8265

■ 167.3280, 2.7963,  
36.5463

■ 101.7680, -5.3086,  
-70.8335


■ 172.4970, 3.2060,  
45.1681

■ 96.5990, -5.7183,

■ 177.3670, 3.7631,

-79.4553

53.1751

 94.4630, -6.1443,  
-82.8441

 182.6500, 4.6095,  
61.6969

# Harmonies

## Analogous

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



137.5880, -5.2199, -5.7777



136.9830, -0.9776, -13.1401



136.6280, 4.1274, -17.2138

# Triad

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



136.9830, -0.9776, -13.1401



140.1550, 8.3046, -3.6439



140.9650, -6.8847, 14.9397

# Complementary

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



136.9830, -0.9776, -13.1401



130.0170, 0.9776, 13.1401

# 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.



141.8880, -3.3958, 15.8842



136.9830, -0.9776, -13.1401



141.5260, 5.6567, 5.6777

# Square

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



136.9830, -0.9776, -13.1401



138.6270, 9.0579, -11.9509



141.8320, 1.5618, 12.4253



140.3620, -9.0525, 10.2065



# Rectangle

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



136.9830, -0.9776, -13.1401



137.1980, 6.3114, -17.7136



141.8320, 1.5618, 12.4253



140.9050, -5.8692, 15.8693

# Sweetspot

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



136.9830, -0.9776, -13.1401



185.5540, -0.2731, -5.7479



138.4910, -8.1301, -5.6926



92.2770, -0.1366, -2.8739



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.



136.9830, -0.9776, -13.1401



176.4120, -1.6821, -20.5323



137.5360, 3.6798, -13.6251



68.5650, -0.2785, -4.0035



87.9090, -5.8711, -77.0962



5.1520, -0.5679, -4.5183



# Inverse Universe

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



130.0170, 0.9776, 13.1401



165.4740, 1.2453, 20.6323



129.4640, -3.6798, 13.6251



66.4350, 0.2785, 4.0035



47.0910, 5.8711, 77.0962



2.7340, 0.1311, 4.6183



# Previews

## White Background



This preview shows how the YUV color 136.9830, -0.9776, -13.1401 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 136.9830, -0.9776, -13.1401 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

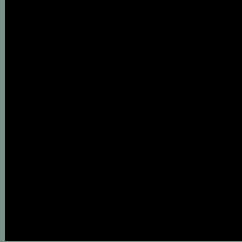
Any Text WCAG AA ✓ Pass

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 136.9830, -0.9776, -13.1401 Background



This preview shows how black text looks on a background with the YUV color 136.9830, -0.9776, -13.1401.



This preview shows how white text looks on a background with the YUV color 136.9830, -0.9776,

-13.1401.

# 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

136.9830, -0.9776, -13.1401

### Protanopia

139.6970, -3.7946, 3.7737

### Deuteranopia

140.9090, -1.9271, 11.4808



## Tritanopia

138.2850, 7.7475, -11.6509

# Trichromacy



## Original Color

136.9830, -0.9776, -13.1401

## Protanomaly

138.5930, -2.7573, -2.2741

## Deuteranomaly

139.5550, -1.7526, 2.1443

## Tritanomaly

137.7750, 4.5479, -12.0807

# Monochromacy



## Original Color

136.9830, -0.9776, -13.1401

## Achromatopsia

137.0000, 0.0000, 0.0000

## Achromatomaly

137.1520, -0.5679, -4.5183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.9830, -0.9776, -13.1401 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(122, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(122, 145, 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(122, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 145, 135) }
```

## Border

The CSS property to change the border of an element to YUV 136.9830, -0.9776, -13.1401 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(122, 145, 135) }
```



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

```
.border{ border-color:rgb(122, 145, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 145, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(122, 145,  
135) }
```

# Background

The CSS property to change the background color of an element to YUV 136.9830, -0.9776, -13.1401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 145, 135) }
```

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

```
.background{ background-color: rgb(122,  
145, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor