

# Converting Colors

YUV(123.3780, -13.4974,  
-10.8555)

Have a look what the booklet for  
YUV(123.3780, -13.4974, -10.8555)  
contains.

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# Color

**YUV(123.3780, -13.4974,  
-10.8555)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F8760
RGB	111, 135, 96
RGB Percent	44%, 53%, 38%
CMY	0.5647, 0.4706, 0.6235
CMYK	0.18, 0.00, 0.29, 0.47
HSL	97°, 17%, 45%
HSV	97°, 29%, 53%
XYZ	17.3308, 21.5520, 14.3128
YIQ	123.3780, -1.7850, -17.2170

# Conversions

## Conversions Part 2

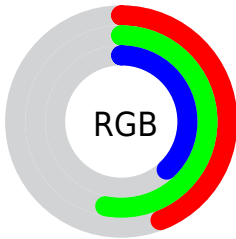
Format	Color
R <sub>Y</sub> B	96, 135, 120
Decimal	7309152
CIE Lab	53.55, -16.25, 18.22
CIE LCh	54, 24.412, 131.728
Yxy	21.5520, 0.3258, 0.4051
Android (android.graphics.Color)	4285499232 (0xFF6F8760)
YUV	123.3780, -13.4974, -10.8555
Hunter-Lab	46.4241, -14.6054, 14.2174

# Details

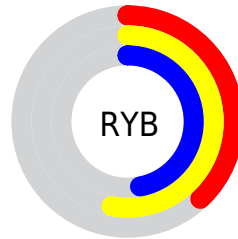
The YUV color **123.3780, -13.4974, -10.8555** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **107.6220, 13.4974, 10.8555**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8510, -14.2235, -11.2703**, and **74.0190, -12.3344, -10.5407** is the 20% darker color. If you saturate the color by 10%, you get **119.3900, -18.4333, -14.3740**, and if you desaturate by 10%, it is **127.3660, -8.5614, -7.3370**.

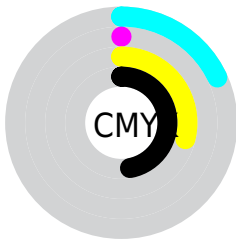
# Distribution



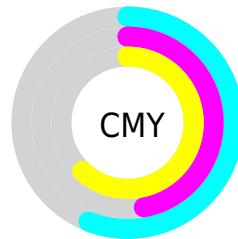
- Red (44%)
- Green (53%)
- Blue (38%)



- Red (38%)
- Yellow (53%)
- Blue (47%)



- Cyan (18%)
- Magenta (0%)
- Yellow (29%)
- Black (47%)



- Cyan (56%)
- Magenta (47%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.3780, -13.4974, -10.8555 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 123.3780, -13.4974, -10.8555 by changing the saturation by 10% instead.



■ 123.3780,  
-13.4974, -10.8555

■ 123.3780,  
-13.4974, -10.8555

■ 255.0000, 0.0000,  
0.0000

■ 98.4920, -13.0606,  
-10.9555

■ 175.8510,  
-14.2235, -11.2703

■ 74.0190, -12.3344,  
-10.5407

■ 203.3240,  
-14.9497, -11.6851

■ 51.5460, -11.6082,  
-10.1258

■ 231.9110,  
-15.2391, -12.1999

■ 29.5030, -13.0660,  
-9.2111

■ 249.6440,  
-10.1775, -2.3188

■ 12.3270, -6.0772,  
-10.8108

■ 0.0000, 0.0000,  
0.0000

■ 123.3780,  
-13.4974, -10.8555

■ 123.3780,  
-13.4974, -10.8555

■ 119.3900,  
-18.4333, -14.3740

■ 127.3660, -8.5614,  
-7.3370

■ 115.2170,  
-22.7850, -18.6073

■ 131.5390, -4.2097,  
-3.1037

■ 111.3430,  
-27.2841, -22.2258

■ 135.5270, 0.7262,  
0.4148

■ 107.3550,  
-32.2200, -25.7443

■ 139.4010, 5.2253,  
4.0333

■ 103.1820,  
-36.5717, -29.9776

■ 143.5740, 9.5770,  
8.2666

■ 99.1940, -41.5076,  
-33.4961

■ 147.5620, 14.5129,  
11.7851

■ 95.3200, -46.0068,  
-37.1146

■ 151.4360, 19.0121,  
15.4036

■ 94.7930, -46.7329,

■ 155.4240, 23.9480,

-37.5295

18.9222

■ 159.7110, 28.7365,  
23.0555

# Harmonies

## Analogous

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



125.7070, -19.0826, 7.2730



123.3780, -13.4974, -10.8555



120.3030, -3.1074, -30.0837

# Triad

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



123.3780, -13.4974, -10.8555



122.2140, 22.0795, -35.2677



130.2540, -5.0552, 34.8572

# Complementary

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



123.3780, -13.4974, -10.8555



107.6220, 13.4974, 10.8555

# 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.



131.2450, 5.3022, 26.0951



123.3780, -13.4974, -10.8555



127.6020, 20.4092, -12.8060

# Square

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



123.3780, -13.4974, -10.8555



116.9150, 18.7759, -49.0375



130.7250, 13.9396, 9.0112



129.5390, -14.0697, 32.8533



# Rectangle

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



123.3780, -13.4974, -10.8555



118.3000, 4.7821, -40.6051



130.7250, 13.9396, 9.0112



130.4540, -1.7028, 32.9278

# Sweetspot

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



123.3780, -13.4974, -10.8555



171.1860, -5.5147, -4.5481



121.1620, -12.4049, 12.1359



86.0660, -3.4835, -2.6889



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.



123.3780, -13.4974, -10.8555



157.5700, -21.4800, -17.1629



119.3490, -9.5391, -20.4771



64.1200, -2.0312, -1.8592



91.2600, -44.9912, -36.1850



2.0600, -1.0156, -0.9296



# Inverse Universe

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



107.6220, 13.4974, 10.8555



132.4300, 21.4800, 17.1629



111.6510, 9.5391, 20.4771



61.8800, 2.0312, 1.8592



38.7400, 44.9912, 36.1850



0.9400, 1.0156, 0.9296



# Previews

## White Background



This preview shows how the YUV color 123.3780, -13.4974, -10.8555 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 123.3780, -13.4974, -10.8555 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 123.3780, -13.4974, -10.8555 Background



This preview shows how black text looks on a background with the YUV color 123.3780, -13.4974, -10.8555.



This preview shows how white text looks on a background with the YUV color 123.3780, -13.4974, -10.8555.

-10.8555.

# 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

123.3780, -13.4974, -10.8555

### Protanopia

126.7010, -16.6146, 9.0322

### Deuteranopia

127.7500, -14.1738, 19.5132



## Tritanopia

126.9650, 6.4263, -7.8623

# Trichromacy



## Original Color

123.3780, -13.4974, -10.8555

## Protanomaly

125.8850, -15.7193, 1.8549

## Deuteranomaly

126.3850, -13.9938, 8.4324

## Tritanomaly

125.4180, -0.6991, -9.1366

# Monochromacy



## Original Color

123.3780, -13.4974, -10.8555

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

123.0120, -4.9359, -3.5185

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.3780, -13.4974, -10.8555 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(111, 135, 96)` looks like.

```
.text, #text, p{  
    color:rgb(111, 135, 96)  
}
```

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(111, 135, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 135, 96) }
```

## Border

The CSS property to change the border of an element to YUV 123.3780, -13.4974, -10.8555 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(111, 135, 96) }
```



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

```
.border{ border-color:rgb(111, 135, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 135, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 135, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 135, 96);  
box-shadow:4px 4px 4px 4px rgb(111, 135,  
96) }
```

# Background

The CSS property to change the background color of an element to YUV 123.3780, -13.4974, -10.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 135, 96) }
```

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

```
.background{ background-color: rgb(111,  
135, 96) }
```

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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