

# Converting Colors

YUV(128.6640, -0.3274,  
11.6957)

Have a look what the booklet for  
YUV(128.6640, -0.3274, 11.6957)  
contains.

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# Color

**YUV(128.6640, -0.3274,  
11.6957)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E7A80
RGB	142, 122, 128
RGB Percent	56%, 48%, 50%
CMY	0.4431, 0.5216, 0.4980
CMYK	0.00, 0.14, 0.10, 0.44
HSL	342°, 8%, 52%
HSV	342°, 14%, 56%
XYZ	22.0111, 21.2284, 23.3594
YIQ	128.6640, 9.9940, 6.1060

# Conversions

## Conversions Part 2

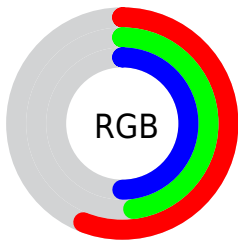
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 122, 128
Decimal	9337472
CIE <sub>Lab</sub>	53.20, 8.78, -0.42
CIE <sub>LCh</sub>	53, 8.787, 357.256
Yxy	21.2284, 0.3305, 0.3187
Android (android.graphics.Color)	4287527552 (0xFF8E7A80)
YUV	128.6640, -0.3274, 11.6957
Hunter-Lab	46.0742, 4.6452, 2.1922

# Details

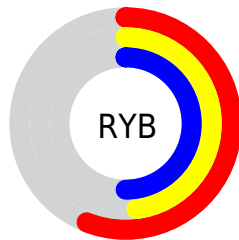
The YUV color **128.6640, -0.3274, 11.6957** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **135.3360, 0.3274, -11.6957**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3760, -0.1854, 12.8252**, and **79.3650, -0.1799, 11.0809** is the 20% darker color. If you saturate the color by 10%, you get **119.3060, -0.6439, 19.9026**, and if you desaturate by 10%, it is **138.0220, -0.0108, 3.4887**.

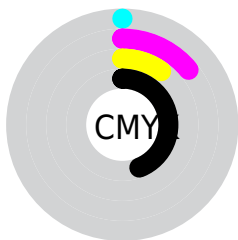
# Distribution



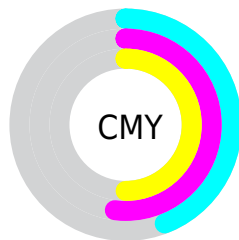
- Red (56%)
- Green (48%)
- Blue (50%)



- Red (56%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (52%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 128.6640, -0.3274, 11.6957 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 128.6640, -0.3274, 11.6957 by changing the saturation by 10% instead.



■ 128.6640, -0.3274,  
11.6957

■ 128.6640, -0.3274,  
11.6957

■ 255.0000, 0.0000,  
0.0000

■ 103.3650, -0.1799,  
11.0809

■ 181.3760, -0.1854,  
12.8252

■ 79.3650, -0.1799,  
11.0809

■ 209.2620, -0.6222,  
12.9252

■ 56.6530, -0.3219,  
9.9513

■ 237.3760, -0.1854,  
12.8252

■ 35.0550, -0.0271,  
8.7218

■ 12.1910, 0.3988,  
12.1105

■ 0.0000, 0.0000,  
0.0000

128.6640, -0.3274,  
11.6957

128.6640, -0.3274,  
11.6957

119.3060, -0.6439,  
19.9026

138.0220, -0.0108,  
3.4887

109.9480, -0.9604,  
28.1096

147.3800, 0.3057,  
-4.7183

100.0030, -0.9875,  
36.8314

157.3250, 0.3328,  
-13.4400

90.6450, -1.3040,  
45.0383

166.6830, 0.6493,  
-21.6470

81.2870, -1.6205,  
53.2453

176.0410, 0.9658,  
-29.8540

71.9290, -1.9370,  
61.4523

185.3990, 1.2823,  
-38.0609

62.5710, -2.2535,  
69.6592


194.7570, 1.5988,  
-46.2679

52.6260, -2.2806,

204.7020, 1.6259,

78.3810

-54.9897

 47.3600, -2.1495,  
82.9993

 213.9460, 1.5056,  
-63.0966

# Harmonies

## Analogous

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



128.2550, 3.3253, 6.7924



128.6640, -0.3274, 11.6957



128.0510, -3.9691, 13.1103

# Triad

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



128.6640, -0.3274, 11.6957



126.3930, -6.1097, -0.3447



125.3450, 6.7319, -12.5806

# Complementary

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



128.6640, -0.3274, 11.6957



135.3360, 0.3274, -11.6957

# 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.



124.4650, 4.7008, -14.4398



128.6640, -0.3274, 11.6957



125.4460, -3.1779, -7.4071

# Square

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



128.6640, -0.3274, 11.6957



126.7960, -7.2944, 6.3179



125.0370, 0.4748, -12.3104



126.6060, 7.5892, -7.5475



# Rectangle

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



128.6640, -0.3274, 11.6957



127.8830, -5.8583, 12.3806



125.0370, 0.4748, -12.3104



125.2200, 6.3005, -14.2249

# Sweetspot

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



128.6640, -0.3274, 11.6957



178.6200, -0.3057, 4.7183



128.4660, 6.6723, 6.6073



88.7230, 0.1366, 2.8739



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



128.6640, -0.3274, 11.6957



162.7080, -0.3490, 18.6731



130.3280, -4.1057, 10.2363



66.3210, -0.1583, 4.1035



45.0390, -1.9912, 78.8958



2.6200, -0.3057, 4.7183



# Inverse Universe

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



128.6640, -0.3274, 11.6957



162.7080, -0.3490, 18.6731



133.6720, 4.1057, -10.2363



66.3210, -0.1583, 4.1035



45.0390, -1.9912, 78.8958



2.6200, -0.3057, 4.7183



# Previews

## White Background



This preview shows how the YUV color 128.6640, -0.3274, 11.6957 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 128.6640, -0.3274, 11.6957 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 128.6640, -0.3274, 11.6957

## Background



This preview shows how black text looks on a background with the YUV color 128.6640, -0.3274, 11.6957.



This preview shows how white text looks on a background with the YUV color 128.6640, -0.3274,



# 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

128.6640, -0.3274, 11.6957

### Protanopia

127.1680, 1.8892, 0.7297

### Deuteranopia

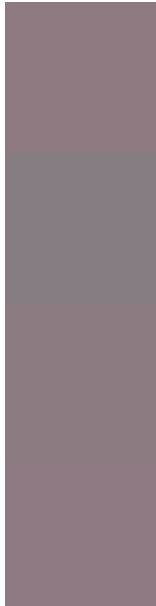
128.3540, -0.1745, 9.3365



## Tritanopia

129.0060, 0.9830, 11.3957

# Trichromacy



## Original Color

128.6640, -0.3274, 11.6957

## Protanomaly

127.9620, 1.0047, 4.4183

## Deuteranomaly

128.6530, -0.3219, 9.9513

## Tritanomaly

128.8920, 0.5462, 11.4957

# Monochromacy



## Original Color

128.6640, -0.3274, 11.6957

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

128.7340, 0.1311, 4.6183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.6640, -0.3274, 11.6957 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(142, 122, 128)` looks like.

```
.text, #text, p{  
    color:rgb(142, 122, 128)  
}
```

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(142, 122, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 122, 128) }
```

## Border

The CSS property to change the border of an element to YUV 128.6640, -0.3274, 11.6957 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(142, 122, 128) }
```



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

```
.border{ border-color:rgb(142, 122, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 122, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 122, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 122, 128);  
box-shadow:4px 4px 4px 4px rgb(142, 122,  
128) }
```

# Background

The CSS property to change the background color of an element to YUV 128.6640, -0.3274, 11.6957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 122, 128) }
```

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

```
.background{ background-color: rgb(142,  
122, 128) }
```

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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