

# Converting Colors

YUV(127.8270, -7.8027,  
-17.3883)

Have a look what the booklet for  
YUV(127.8270, -7.8027, -17.3883)  
contains.

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# Color

**YUV(127.8270, -7.8027,  
-17.3883)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C8D70
RGB	108, 141, 112
RGB Percent	42%, 55%, 44%
CMY	0.5765, 0.4471, 0.5608
CMYK	0.23, 0.00, 0.21, 0.45
HSL	127°, 13%, 49%
HSV	127°, 23%, 55%
XYZ	18.6338, 23.4078, 18.8653
YIQ	127.8270, -10.3590, -16.0150

# Conversions

## Conversions Part 2

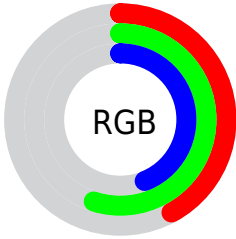
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 137, 141
Decimal	7114096
CIELab	55.49, -17.68, 11.76
CIELCh	55, 21.237, 146.371
Yxy	23.4078, 0.3059, 0.3843
Android (android.graphics.Color)	4285304176 (0xFF6C8D70)
YUV	127.8270, -7.8027, -17.3883
Hunter-Lab	48.3816, -15.9196, 10.7483

# Details

The YUV color  $127.8270, -7.8027, -17.3883$  is a dark color, and the websafe version is hex  $669966$ . A complement of this color would be  $121.1730, 7.8027, 17.3883$ , and the grayscale version is  $128.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $181.0010, -8.3815, -18.4179$ , and  $78.6530, -7.2239, -16.3587$  is the 20% darker color. If you saturate the color by 10%, you get  $122.2730, -10.9806, -24.7954$ , and if you desaturate by 10%, it is  $133.3810, -4.6248, -9.9811$ .

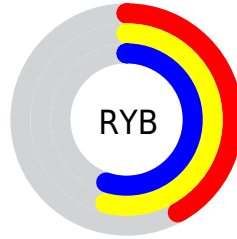
# Distribution



Red (42%)

Green (55%)

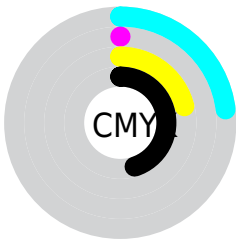
Blue (44%)



Red (42%)

Yellow (54%)

Blue (55%)

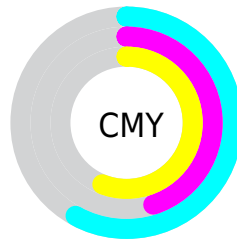


Cyan (23%)

Magenta (0%)

Yellow (21%)

Black (45%)



Cyan (58%)

Magenta (45%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.8270, -7.8027, -17.3883 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 127.8270, -7.8027, -17.3883 by changing the saturation by 10% instead.



■ 127.8270, -7.8027,  
-17.3883

■ 127.8270, -7.8027,  
-17.3883

■ 255.0000, 0.0000,  
0.0000

■ 102.3540, -7.0765,  
-16.9735

■ 181.0010, -8.3815,  
-18.4179

■ 78.6530, -7.2239,  
-16.3587

■ 208.5880, -8.6709,  
-18.9327

■ 55.1800, -6.4977,  
-15.9439

■ 236.5880, -8.6709,  
-18.9327

■ 32.9950, -5.9135,  
-16.6586

■ 250.7990, -1.8729,  
-5.9627

■ 14.6750, -7.2348,  
-12.8700

■ 0.0000, 0.0000,  
0.0000

■ 127.8270, -7.8027,  
-17.3883

■ 127.8270, -7.8027,  
-17.3883

■ 122.2730,  
-10.9806, -24.7954

■ 133.3810, -4.6248,  
-9.9811

■ 116.6050,  
-14.5953, -32.1026

■ 139.0490, -1.0102,  
-2.6740

■ 111.0510,  
-17.7731, -39.5097

■ 144.6030, 2.1677,  
4.7332

■ 105.3830,  
-21.3878, -46.8169

■ 150.2710, 5.7824,  
12.0403

■ 99.5300, -24.4183,  
-54.8388

■ 156.1240, 8.8129,  
20.0623

■ 93.9760, -27.5962,  
-62.2460

■ 161.6780, 11.9907,  
27.4694

■ 88.3080, -31.2108,  
-69.5531

■ 167.3460, 15.6054,  
34.7766

■ 84.7050, -33.3786,

■ 172.9000, 18.7833,

-74.2863

42.1837

■ 178.5680, 22.3980,  
49.4909

# Harmonies

## Analogous

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



130.3900, -14.9823, -1.2190



127.8270, -7.8027, -17.3883



125.3720, 2.2816, -31.8982

# Triad

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



127.8270, -7.8027, -17.3883



130.5040, 18.9785, -20.6130



134.6080, -8.6807, 31.0388

# Complementary

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



127.8270, -7.8027, -17.3883



121.1730, 7.8027, 17.3883

# 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.



136.1760, -0.0868, 27.9096



127.8270, -7.8027, -17.3883



134.4140, 15.5719, -1.2401

# Square

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



127.8270, -7.8027, -17.3883



126.1770, 18.1537, -36.1122



136.1020, 8.8237, 16.5735



133.8540, -15.2110, 25.5610



# Rectangle

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



127.8270, -7.8027, -17.3883



124.1630, 9.2866, -38.7310



136.1020, 8.8237, 16.5735



135.2920, -6.0600, 30.4389

# Sweetspot

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



127.8270, -7.8027, -17.3883



178.7450, -3.3253, -6.7924



136.0420, -13.8247, 0.8402



88.8100, -1.8783, -4.2184



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.



127.8270, -7.8027, -17.3883



163.2080, -12.4275, -27.3694



129.6510, -0.8139, -18.9879



68.2230, -1.5889, -3.7036



81.0690, -32.0790, -71.0975



4.8100, -1.8783, -4.2184



# Inverse Universe

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



121.1730, 7.8027, 17.3883



152.6780, 11.9907, 27.4694



119.3490, 0.8139, 18.9879



66.8910, 2.0257, 3.6036



53.9310, 32.0790, 71.0975



3.1900, 1.8783, 4.2184



# Previews

## White Background



This preview shows how the YUV color 127.8270, -7.8027, -17.3883 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 127.8270, -7.8027, -17.3883 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

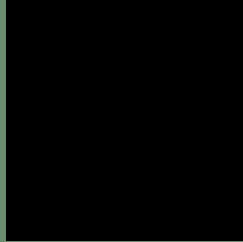
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 127.8270, -7.8027, -17.3883

## Background



This preview shows how black text looks on a background with the YUV color 127.8270, -7.8027, -17.3883.



This preview shows how white text looks on a background with the YUV color 127.8270, -7.8027, -17.3883.

-17.3883.

# 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

127.8270, -7.8027, -17.3883

### Protanopia

131.6560, -11.6624, 7.3177

### Deuteranopia

133.6940, -9.2161, 16.0544



## Tritanopia

130.6760, 8.0477, -14.6249

# Trichromacy



## Original Color

127.8270, -7.8027, -17.3883

## Protanomaly

129.9430, -10.3249, -1.7040

## Deuteranomaly

131.7310, -8.7414, 3.7439

## Tritanomaly

129.7700, 2.0854, -15.5843

# Monochromacy



## Original Color

127.8270, -7.8027, -17.3883

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

128.1580, -3.0359, -6.2776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.8270, -7.8027, -17.3883 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(108, 141, 112)` looks like.

```
.text, #text, p{  
    color:rgb(108, 141, 112)  
}
```

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(108, 141, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 141, 112) }
```

## Border

The CSS property to change the border of an element to YUV 127.8270, -7.8027, -17.3883 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(108, 141, 112) }
```



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

```
.border{ border-color:rgb(108, 141, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 141, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 141, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 141, 112);  
box-shadow:4px 4px 4px 4px rgb(108, 141,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 127.8270, -7.8027, -17.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 141, 112) }
```

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

```
.background{ background-color: rgb(108,  
141, 112) }
```

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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