

# Converting Colors

YUV(140.7050, 0.6384,  
-18.1583)

Have a look what the booklet for  
YUV(140.7050, 0.6384, -18.1583)  
contains.

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# Color

**YUV(140.7050, 0.6384,  
-18.1583)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78978E
RGB	120, 151, 142
RGB Percent	47%, 59%, 56%
CMY	0.5294, 0.4078, 0.4431
CMYK	0.21, 0.00, 0.06, 0.41
HSL	163°, 13%, 53%
HSV	163°, 21%, 59%
XYZ	23.6948, 28.0793, 29.7622
YIQ	140.7050, -15.5870, -9.3710

# Conversions

## Conversions Part 2

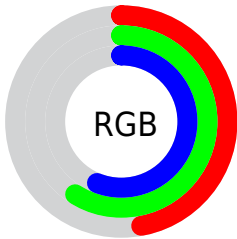
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 138, 151
Decimal	7903118
CIELab	59.96, -12.73, 1.17
CIElCh	60, 12.784, 174.754
Yxy	28.0793, 0.2906, 0.3444
Android (android.graphics.Color)	4286093198 (0xFF78978E)
YUV	140.7050, 0.6384, -18.1583
Hunter-Lab	52.9899, -12.9147, 3.7922

# Details

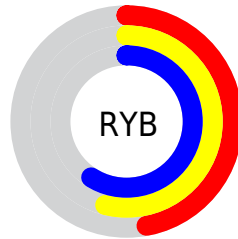
The YUV color  $[140.7050, 0.6384, -18.1583]$  is a dark color, and the websafe version is hex  $669999$ . A complement of this color would be  $[130.2950, -0.6384, 18.1583]$ , and the grayscale version is  $[141.0000, 0.0000, 0.0000]$ .

A 20% lighter version of the original color is  $[194.4060, 0.7858, -18.7731]$ , and  $[90.4170, 0.7804, -17.0287]$  is the 20% darker color. If you saturate the color by 10%, you get  $[135.7640, 1.1023, -26.9800]$ , and if you desaturate by 10%, it is  $[145.6460, 0.1745, -9.3365]$ .

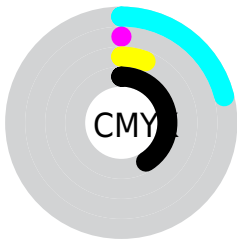
# Distribution



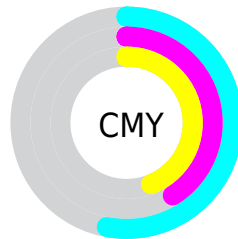
- Red (47%)
- Green (59%)
- Blue (56%)



- Red (47%)
- Yellow (54%)
- Blue (59%)



- Cyan (21%)
- Magenta (0%)
- Yellow (6%)
- Black (41%)



- Cyan (53%)
- Magenta (41%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 140.7050, 0.6384, -18.1583 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 140.7050, 0.6384, -18.1583 by changing the saturation by 10% instead.



■ 140.7050, 0.6384,  
-18.1583

■ 140.7050, 0.6384,  
-18.1583

■ 255.0000, 0.0000,  
0.0000

■ 115.0040, 0.4910,  
-17.5435

■ 194.4060, 0.7858,  
-18.7731

■ 90.4170, 0.7804,  
-17.0287

■ 222.1070, 0.9332,  
-19.3878

■ 66.7160, 0.6330,  
-16.4139

■ 246.5850, 2.6696,  
-16.2990

■ 43.8300, 1.0698,  
-16.5139

■ 22.6450, 1.6540,  
-17.2287

■ 0.0000, 0.0000,  
0.0000

■ 140.7050, 0.6384,  
-18.1583

■ 140.7050, 0.6384,  
-18.1583

■ 135.7640, 1.1023,  
-26.9800

■ 145.6460, 0.1745,  
-9.3365

■ 130.7090, 1.1295,  
-35.7018

■ 150.7010, 0.1474,  
-0.6148

■ 125.7680, 1.5934,  
-44.5235

■ 155.6420, -0.3165,  
8.2070

■ 120.7130, 1.6205,  
-53.2453

■ 160.6970, -0.3436,  
16.9287

■ 115.7720, 2.0844,  
-62.0670

■ 165.9370, -0.9549,  
26.3653

■ 110.5320, 2.6957,  
-71.5036

■ 170.8780, -1.4189,  
35.1870

■ 105.4770, 2.7228,  
-80.2253


■ 175.9330, -1.4460,  
43.9088

■ 100.8350, 3.0393,

■ 180.8740, -1.9099,

-88.4323

52.7305

 185.5160, -2.2264,  
60.9375

# Harmonies

## Analogous

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



141.2670, -5.0616, -9.8812



140.7050, 0.6384, -18.1583



140.4640, 6.1802, -22.3319

# Triad

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



140.7050, 0.6384, -18.1583



145.2200, 9.7515, -1.0699



145.4060, -9.0742, 17.1839

# Complementary

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



140.7050, 0.6384, -18.1583



130.2950, -0.6384, 18.1583

# 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.



146.1550, -5.0064, 19.1581



140.7050, 0.6384, -18.1583



146.5480, 5.6458, 9.1664

# Square

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



140.7050, 0.6384, -18.1583



143.6100, 11.5313, -11.9360



146.8110, 0.0932, 16.8288



144.4930, -11.0890, 10.0916



# Rectangle

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



140.7050, 0.6384, -18.1583



141.2730, 9.2324, -21.2874



146.8110, 0.0932, 16.8288



146.2320, -8.4954, 18.2135

# Sweetspot

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



140.7050, 0.6384, -18.1583



192.3690, 0.3111, -6.4626



140.8880, -10.2978, -10.4258



96.6790, 0.1583, -4.1035



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



140.7050, 0.6384, -18.1583



179.7530, 1.1078, -28.7244



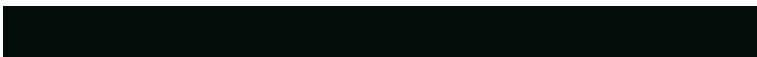
138.2090, 6.3060, -15.9693



74.2660, -0.1311, -4.6183



93.5800, 3.1651, -82.0697



8.6570, 0.1691, -7.5922



# Inverse Universe

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



130.2950, -0.6384, 18.1583



163.3610, -0.6710, 28.6244



132.7910, -6.3060, 15.9693



71.6200, -0.3057, 4.7183



46.5340, -2.7283, 81.9697



4.3430, -0.1691, 7.5922



# Previews

## White Background



This preview shows how the YUV color 140.7050, 0.6384, -18.1583 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 140.7050, 0.6384, -18.1583 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

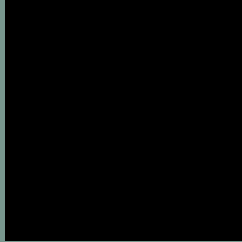
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 140.7050, 0.6384, -18.1583

## Background



This preview shows how black text looks on a background with the YUV color 140.7050, 0.6384, -18.1583.



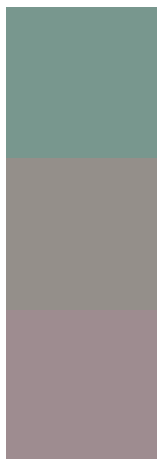
This preview shows how white text looks on a background with the YUV color 140.7050, 0.6384,

-18.1583.

# 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

140.7050, 0.6384, -18.1583

### Protanopia

143.9250, -2.9210, 3.5738

### Deuteranopia

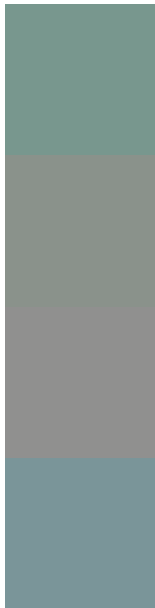
145.8380, -0.9061, 10.6661



## Tritanopia

141.8930, 8.9268, -16.5692

# Trichromacy



## Original Color

140.7050, 0.6384, -18.1583

## Protanomaly

142.8100, -1.8783, -4.2184

## Deuteranomaly

143.8860, -0.4368, 0.1000

## Tritanomaly

141.3830, 5.7272, -16.9989

# Monochromacy



## Original Color

140.7050, 0.6384, -18.1583

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

140.9560, 0.0217, -6.9774

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.7050, 0.6384, -18.1583 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(120, 151, 142)` looks like.

```
.text, #text, p{  
    color:rgb(120, 151, 142)  
}
```

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(120, 151, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 151, 142) }
```

## Border

The CSS property to change the border of an element to YUV 140.7050, 0.6384, -18.1583 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(120, 151, 142) }
```



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

```
.border{ border-color:rgb(120, 151, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 151, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 151, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 151, 142);  
box-shadow:4px 4px 4px 4px rgb(120, 151,  
142) }
```

# Background

The CSS property to change the background color of an element to YUV 140.7050, 0.6384, -18.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 151, 142) }
```

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

```
.background{ background-color: rgb(120,  
151, 142) }
```

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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