

# Converting Colors

YUV(150.7880, -1.8675, -7.7071)

Have a look what the booklet for  
YUV(150.7880, -1.8675, -7.7071)  
contains.

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# Color

**YUV(150.7880, -1.8675,  
-7.7071)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E9C93
RGB	142, 156, 147
RGB Percent	56%, 61%, 58%
CMY	0.4431, 0.3882, 0.4235
CMYK	0.09, 0.00, 0.06, 0.39
HSL	141°, 7%, 58%
HSV	141°, 9%, 61%
XYZ	28.3103, 31.6343, 32.2177
YIQ	150.7880, -5.4550, -5.7670

# Conversions

## Conversions Part 2

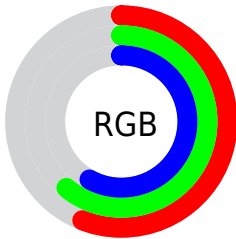
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 152, 156
Decimal	9346195
CIELab	63.04, -6.77, 3.00
CIELCh	63, 7.406, 156.086
Yxy	31.6343, 0.3072, 0.3432
Android (android.graphics.Color)	4287536275 (0xFF8E9C93)
YUV	150.7880, -1.8675, -7.7071
Hunter-Lab	56.2444, -8.5808, 5.4088

# Details

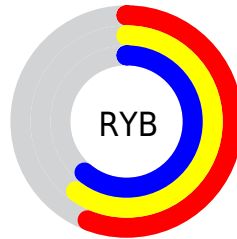
The YUV color **150.7880, -1.8675, -7.7071** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **147.2120, 1.8675, 7.7071**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.7880, -1.8675, -7.7071**, and **100.0870, -2.0149, -7.0923** is the 20% darker color. If you saturate the color by 10%, you get **144.8640, -3.8770, -16.5437**, and if you desaturate by 10%, it is **156.7120, 0.1420, 1.1296**.

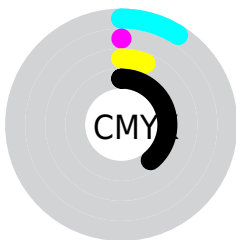
# Distribution



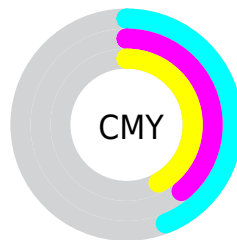
- Red (56%)
- Green (61%)
- Blue (58%)



- Red (56%)
- Yellow (60%)
- Blue (61%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (39%)



- Cyan (44%)
- Magenta (39%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.7880, -1.8675, -7.7071 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 150.7880, -1.8675, -7.7071 by changing the saturation by 10% instead.



■ 150.7880, -1.8675,  
-7.7071

■ 150.7880, -1.8675,  
-7.7071

255.0000, 0.0000,  
0.0000

■ 124.7880, -1.8675,  
-7.7071

■ 204.7880, -1.8675,  
-7.7071

■ 100.0870, -2.0149,  
-7.0923

■ 233.3750, -2.1569,  
-8.2219

■ 76.2010, -1.5781,  
-7.1923

■ 254.1030, 0.4422,  
-1.8443

■ 53.5000, -1.7255,  
-6.5775

■ 31.9130, -1.4361,  
-6.0627

■ 9.1470, -3.0305,  
-8.0219

■ 0.0000, 0.0000,

0.0000

■ 150.7880, -1.8675,  
-7.7071

■ 150.7880, -1.8675,  
-7.7071

■ 144.8640, -3.8770,  
-16.5437

■ 156.7120, 0.1420,  
1.1296

■ 139.2390, -6.0338,  
-24.7656

■ 162.3370, 2.2989,  
9.3515

■ 133.3150, -8.0433,  
-33.6023

■ 168.2610, 4.3083,  
18.1881

■ 127.6900,  
-10.2002, -41.8241

■ 173.8860, 6.4652,  
26.4100

■ 121.7660,  
-12.2096, -50.6608

■ 179.8100, 8.4747,  
35.2466

■ 115.8420,  
-14.2191, -59.4974

■ 185.7340, 10.4841,  
44.0833

■ 110.2170,  
-16.3760, -67.7193

■ 191.3590, 12.6410,  
52.3052

■ 104.2930,  
-18.3854, -76.5560

■ 193.6950, 16.4194,  
53.7645

■ 98.6680, -20.5423,  
-84.7778

■ 194.8350, 20.7873,  
52.7647

# Harmonies

## Analogous

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



151.7240, -4.7939, -2.3889



150.7880, -1.8675, -7.7071



150.6780, 1.6377, -11.9956

# Triad

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



150.7880, -1.8675, -7.7071



152.5740, 6.1260, -4.8884



153.9260, -4.4005, 11.4659

# Complementary

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



150.7880, -1.8675, -7.7071



147.2120, 1.8675, 7.7071

# 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.



153.7240, -1.3429, 10.7661



150.7880, -1.8675, -7.7071



153.2760, 4.7939, 2.3889

# Square

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



150.7880, -1.8675, -7.7071



151.5410, 6.1423, -10.1215



154.2120, 1.8675, 7.7071



152.8610, -5.8475, 8.8919



# Rectangle

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



150.7880, -1.8675, -7.7071



150.2480, 3.8217, -12.4955



154.2120, 1.8675, 7.7071



153.5670, -3.2375, 11.7807

# Sweetspot

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



150.7880, -1.8675, -7.7071



201.7500, -0.8628, -3.2887



152.9090, -5.3781, -1.6742



100.4620, -0.7208, -2.1592



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



150.7880, -1.8675, -7.7071



195.8260, -2.8722, -12.1254



151.5860, 1.1901, -8.4069



76.0380, -1.0047, -4.4183



89.7550, -19.1062, -78.7151



9.3750, -2.1569, -8.2219



# Inverse Universe

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



147.2120, 1.8675, 7.7071



190.1740, 2.8722, 12.1254



146.4140, -1.1901, 8.4069



73.9620, 1.0047, 4.4183



53.2450, 19.1062, 78.7151

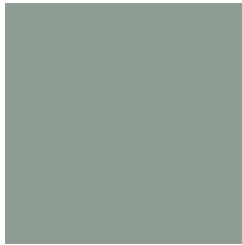


5.6250, 2.1569, 8.2219



# Previews

## White Background



This preview shows how the YUV color 150.7880, -1.8675, -7.7071 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

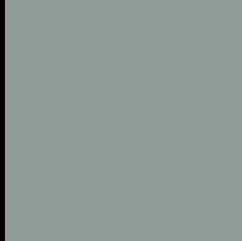
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 150.7880, -1.8675, -7.7071 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

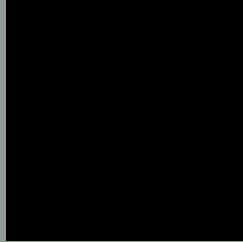
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

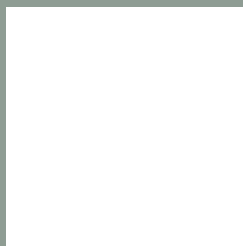
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 150.7880, -1.8675, -7.7071

## Background



This preview shows how black text looks on a background with the YUV color 150.7880, -1.8675, -7.7071.



This preview shows how white text looks on a background with the YUV color 150.7880, -1.8675, -7.7071.

-7.7071.

# 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

150.7880, -1.8675, -7.7071

### Protanopia

152.6970, -3.7946, 3.7737

### Deuteranopia

153.5070, -2.2220, 12.7104



## Tritanopia

151.9760, 6.4208, -6.1180

# Trichromacy



## Original Color

150.7880, -1.8675, -7.7071

## Protanomaly

151.9030, -2.9102, 0.0851

## Deuteranomaly

152.4630, -2.2003, 5.7329

## Tritanomaly

151.4660, 3.2213, -6.5477

# Monochromacy



## Original Color

150.7880, -1.8675, -7.7071

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

151.1630, -0.5734, -2.7740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.7880, -1.8675, -7.7071 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, 156, 147)` looks like.

```
.text, #text, p{  
    color:rgb(142, 156, 147)  
}
```

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, 156, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 156, 147) }
```

## Border

The CSS property to change the border of an element to YUV 150.7880, -1.8675, -7.7071 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, 156, 147) }
```



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

```
.border{ border-color:rgb(142, 156, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 156, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 156, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 156, 147);  
box-shadow:4px 4px 4px 4px rgb(142, 156,  
147) }
```

# Background

The CSS property to change the background color of an element to YUV 150.7880, -1.8675, -7.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 156, 147) }
```

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

```
.background{ background-color: rgb(142,  
156, 147) }
```

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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