

# Converting Colors

YUV(126.5980, -0.2948, 1.2296)

Have a look what the booklet for  
YUV(126.5980, -0.2948, 1.2296)  
contains.

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# Color

**YUV(126.5980, -0.2948,  
1.2296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807E7E
RGB	128, 126, 126
RGB Percent	50%, 49%, 49%
CMY	0.4980, 0.5059, 0.5059
CMYK	0.00, 0.02, 0.02, 0.50
HSL	0°, 1%, 50%
HSV	0°, 2%, 50%
XYZ	20.1288, 21.0173, 22.7345
YIQ	126.5980, 1.1920, 0.4240

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 126, 126
Decimal	8420990
CIELab	52.97, 0.75, 0.26
CIELCh	53, 0.798, 18.999
Yxy	21.0173, 0.3151, 0.3290
Android (android.graphics.Color)	4286611070 (0xFF807E7E)
YUV	126.5980, -0.2948, 1.2296
Hunter-Lab	45.8446, -1.8546, 2.6891

# Details

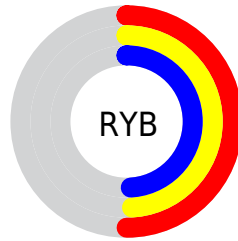
The YUV color  $126.5980, -0.2948, 1.2296$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $127.4020, 0.2948, -1.2296$ , and the grayscale version is  $127.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $179.5980, -0.2948, 1.2296$ , and  $77.5980, -0.2948, 1.2296$  is the 20% darker color. If you saturate the color by 10%, you get  $117.4850, -2.2111, 9.2217$ , and if you desaturate by 10%, it is  $135.7110, 1.6215, -6.7625$ .

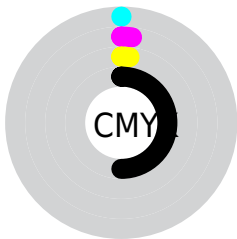
# Distribution



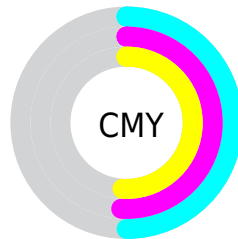
- Red (50%)
- Green (49%)
- Blue (49%)



- Red (50%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (51%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.5980, -0.2948, 1.2296 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 126.5980, -0.2948, 1.2296 by changing the saturation by 10% instead.



■ 126.5980, -0.2948,  
1.2296

■ 126.5980, -0.2948,  
1.2296

■ 255.0000, 0.0000,  
0.0000

■ 101.5980, -0.2948,  
1.2296

■ 179.5980, -0.2948,  
1.2296

■ 77.5980, -0.2948,  
1.2296

■ 206.5980, -0.2948,  
1.2296

■ 54.5980, -0.2948,  
1.2296

■ 234.8970, -0.4422,  
1.8443

■ 33.5980, -0.2948,  
1.2296

■ 10.8970, -0.4422,  
1.8443

■ 0.0000, 0.0000,  
0.0000

■ 126.5980, -0.2948,  
1.2296

■ 126.5980, -0.2948,  
1.2296

■ 117.4850, -2.2111,  
9.2217

■ 135.7110, 1.6215,  
-6.7625

■ 108.3720, -4.1274,  
17.2138

■ 144.8240, 3.5378,  
-14.7546

■ 99.9600, -5.8963,  
24.5911

■ 153.2360, 5.3067,  
-22.1320

■ 90.8470, -7.8126,  
32.5832

■ 162.3490, 7.2229,  
-30.1241

■ 81.7340, -9.7289,  
40.5753

■ 171.4620, 9.1392,  
-38.1162

■ 72.6210, -11.6452,  
48.5674

■ 180.5750, 11.0555,  
-46.1083

■ 63.5080, -13.5614,  
56.5595


■ 189.6880, 12.9718,  
-54.1004


■ 55.0960, -15.3303,

■ 198.1000, 14.7407,

63.9368

-61.4777

 45.9830, -17.2466,  
71.9289

 207.2130, 16.6570,  
-69.4698

# Harmonies

## Analogous

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



126.7120, 0.1420, 1.1296



126.5980, -0.2948, 1.2296



126.4840, -0.7316, 1.3295

# Triad

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



126.5980, -0.2948, 1.2296



126.5870, -0.2894, -0.5148



126.8150, 0.5842, -0.7148

# Complementary

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



126.5980, -0.2948, 1.2296



127.4020, 0.2948, -1.2296

# 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.



126.4020, 0.2948, -1.2296



126.5980, -0.2948, 1.2296



126.2880, -0.1420, -1.1296

# Square

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



126.5980, -0.2948, 1.2296



126.7720, -0.8736, 0.2000



126.4020, 0.2948, -1.2296



126.2280, 0.8736, -0.2000



# Rectangle

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



126.5980, -0.2948, 1.2296



126.4840, -0.7316, 1.3295



126.4020, 0.2948, -1.2296



126.5160, 0.7316, -1.3295

# Sweetspot

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



126.5980, -0.2948, 1.2296



166.0000, 0.0000, 0.0000



126.8260, 0.5788, 1.0296



84.0000, 0.0000, 0.0000



212.0000, 0.0000, 0.0000

# Same Dimension

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



126.5980, -0.2948, 1.2296



163.1960, -0.5896, 2.4591



127.1850, -0.5842, 0.7148



62.5980, -0.2948, 1.2296



38.2720, -18.8681, 78.6915



0.0000, 0.0000, 0.0000



# Inverse Universe

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



127.4020, 0.2948, -1.2296



164.8040, 0.5896, -2.4591



126.8150, 0.5842, -0.7148



63.4020, 0.2948, -1.2296



89.7280, 18.8681, -78.6915



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 126.5980, -0.2948, 1.2296 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 126.5980, -0.2948, 1.2296 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

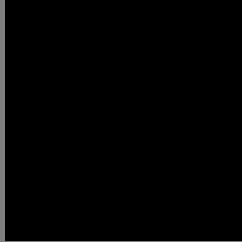
Any Text WCAG AAA × Fail

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



**YUV 126.5980, -0.2948, 1.2296**

## **Background**



This preview shows how black text looks on a background with the YUV color 126.5980, -0.2948, 1.2296.



This preview shows how white text looks on a background with the YUV color 126.5980, -0.2948,



# 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

126.5980, -0.2948, 1.2296

### Protanopia

126.8970, -0.4422, 1.8443

### Deuteranopia

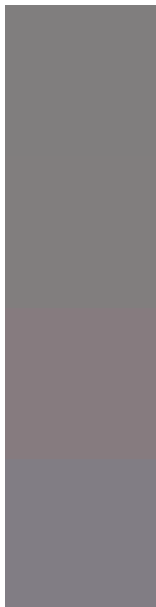
127.3540, -0.1745, 9.3365



## Tritanopia

127.3360, 3.7784, 1.4593

# Trichromacy



## Original Color

126.5980, -0.2948, 1.2296

## Protanomaly

126.8970, -0.4422, 1.8443

## Deuteranomaly

126.7450, 0.1257, 6.3626

## Tritanomaly

126.9940, 2.4680, 1.7593

# Monochromacy



## Original Color

126.5980, -0.2948, 1.2296

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.0000, 0.0000, 0.0000

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.5980, -0.2948, 1.2296 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(128, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(128, 126, 126)  
}
```

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(128, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 126, 126) }
```

## Border

The CSS property to change the border of an element to YUV 126.5980, -0.2948, 1.2296 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(128, 126, 126) }
```

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

```
.border{ border-color:rgb(128, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 126, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 126, 126); box-shadow:4px 4px 4px 4px rgb(128, 126, 126) }
```



# Background

The CSS property to change the background color of an element to YUV 126.5980, -0.2948, 1.2296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 126, 126) }
```

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

```
.background{ background-color: rgb(128,  
126, 126) }
```

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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