

# Converting Colors

YUV(148.8280, -26.0442,  
0.1508)

Have a look what the booklet for  
YUV(148.8280, -26.0442, 0.1508)  
contains.

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# Color

**YUV(148.8280, -26.0442,  
0.1508)**

# Conversions

## Conversions Part 1

Format	Color
Hex	959F60
RGB	149, 159, 96
RGB Percent	58%, 62%, 38%
CMY	0.4157, 0.3765, 0.6235
CMYK	0.06, 0.00, 0.40, 0.38
HSL	70°, 25%, 50%
HSV	70°, 40%, 62%
XYZ	26.9039, 32.0304, 15.8308
YIQ	148.8280, 14.2630, -21.7130

# Conversions

## Conversions Part 2

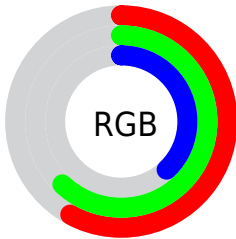
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 159, 106
Decimal	9805664
CIELab	63.37, -13.81, 31.67
CIELCh	63, 34.554, 113.557
Yxy	32.0304, 0.3598, 0.4284
Android (android.graphics.Color)	4287995744 (0xFF959F60)
YUV	148.8280, -26.0442, 0.1508
Hunter-Lab	56.5954, -14.1879, 23.0322

# Details

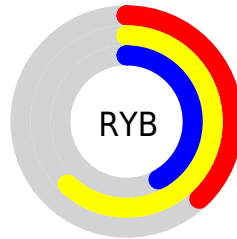
The YUV color  $148.8280, -26.0442, 0.1508$  is a dark color, and the websafe version is hex  $999966$ . A complement of this color would be  $106.1720, 26.0442, -0.1508$ , and the grayscale version is  $149.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $203.3720, -27.7914, 0.5508$ , and  $97.8710, -24.5864, -0.7639$  is the 20% darker color. If you saturate the color by 10%, you get  $146.1070, -32.5908, -0.0938$ , and if you desaturate by 10%, it is  $151.5490, -19.4977, 0.3955$ .

# Distribution



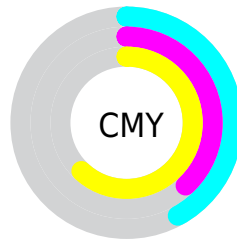
- Red (58%)
- Green (62%)
- Blue (38%)



- Red (38%)
- Yellow (62%)
- Blue (42%)



- Cyan (6%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 148.8280, -26.0442, 0.1508 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 148.8280, -26.0442, 0.1508 by changing the saturation by 10% instead.



■ 148.8280,  
-26.0442, 0.1508

■ 148.8280,  
-26.0442, 0.1508

■ 255.0000, 0.0000,  
0.0000

■ 123.0560,  
-25.1706, -0.0491

■ 203.3720,  
-27.7914, 0.5508

■ 97.8710, -24.5864,  
-0.7639

■ 231.2580,  
-28.2282, 0.6507

■ 73.0990, -23.7128,  
-0.9638

■ 248.9580,  
-23.1503, 5.2988

■ 49.8710, -24.5864,  
-0.7639

■ 252.1500,  
-10.9200, 2.4994

■ 30.6670, -15.1188,  
-4.0930

■ 11.7400, -5.7878,  
-10.2960

■ 0.0000, 0.0000,

0.0000

■ 148.8280,  
-26.0442, 0.1508

■ 148.8280,  
-26.0442, 0.1508

■ 146.1070,  
-32.5908, -0.0938

■ 151.5490,  
-19.4977, 0.3955

■ 143.6850,  
-39.2847, 0.2763

■ 153.9710,  
-12.8037, 0.0254

■ 140.9640,  
-45.8313, 0.0316

■ 156.6920, -6.2572,  
0.2701

■ 138.5420,  
-52.5252, 0.4017

■ 159.1140, 0.4368,  
-0.1000

■ 135.8210,  
-59.0718, 0.1570

■ 161.8350, 6.9833,  
0.1447

■ 133.5130,  
-65.3289, 0.4271

■ 164.1430, 13.2405,  
-0.1254

■ 133.3990,  
-65.7657, 0.5271

■ 166.8640, 19.7870,  
0.1193

■ 169.2860, 26.4810,  
-0.2508

■ 172.0070, 33.0275,  
-0.0061

# Harmonies

## Analogous

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



151.7710, -29.4671, 24.7568



148.8280, -26.0442, 0.1508



144.4530, -14.0273, -27.5843

# Triad

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



148.8280, -26.0442, 0.1508



133.3270, 33.8558, -79.2168



156.8560, 2.0430, 44.8533

# Complementary

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



148.8280, -26.0442, 0.1508



106.1720, 26.0442, -0.1508

# 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.



157.6930, 15.9274, 24.8252



148.8280, -26.0442, 0.1508



146.1450, 33.4525, -43.1002

# Square

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



148.8280, -26.0442, 0.1508



128.9380, 23.6946, -86.7686



154.7690, 27.2289, -6.8134



155.4040, -12.5242, 50.5117



# Rectangle

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



148.8280, -26.0442, 0.1508



140.6060, -2.7638, -47.0125



154.7690, 27.2289, -6.8134



157.7890, 7.0060, 39.6500

# Sweetspot

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



148.8280, -26.0442, 0.1508



202.9540, -10.3303, 0.0403



120.1200, -11.8912, 34.0978



102.3930, -6.1097, -0.3447



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



148.8280, -26.0442, 0.1508



190.8160, -41.3213, 0.1614



139.5590, -21.4746, -18.9072



77.7890, -3.3470, 0.1850



119.8210, -59.0718, 0.1570



12.6920, -6.2572, 0.2701



# Inverse Universe

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



106.1720, 26.0442, -0.1508



123.1840, 41.3213, -0.1614



115.4410, 21.4746, 18.9072



72.2110, 3.3470, -0.1850



23.1790, 59.0718, -0.1570



2.3080, 6.2572, -0.2701



# Previews

## White Background



This preview shows how the YUV color 148.8280, -26.0442, 0.1508 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 148.8280, -26.0442, 0.1508 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

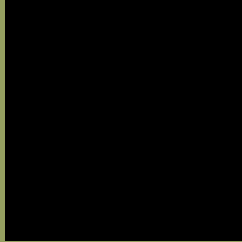
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 148.8280, -26.0442, 0.1508

## Background



This preview shows how black text looks on a background with the YUV color 148.8280, -26.0442, 0.1508.



This preview shows how white text looks on a background with the YUV color 148.8280, -26.0442, 0.1508.

0.1508.

# 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

148.8280, -26.0442, 0.1508

### Protanopia

150.4600, -27.8348, 14.5056

### Deuteranopia

152.0040, -26.1310, 28.0605



## Tritanopia

154.1620, 4.3571, 2.4889

# Trichromacy



## Original Color

148.8280, -26.0442, 0.1508

## Protanomaly

149.6550, -26.9449, 9.0726

## Deuteranomaly

150.9380, -26.0984, 17.5944

## Tritanomaly

152.2900, -6.5520, 1.4997

# Monochromacy



## Original Color

148.8280, -26.0442, 0.1508

## Achromatopsia

149.0000, 0.0000, 0.0000

## Achromatomaly

149.1820, -9.4567, -0.1596

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.8280, -26.0442, 0.1508 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(149, 159, 96)` looks like.

```
.text, #text, p{  
    color:rgb(149, 159, 96)  
}
```

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(149, 159, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 159, 96) }
```

## Border

The CSS property to change the border of an element to YUV 148.8280, -26.0442, 0.1508 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(149, 159, 96) }
```



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

```
.border{ border-color:rgb(149, 159, 96) }
```

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

Here you see how a box with a 4 pixel rgb(149, 159, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 159, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 159, 96);  
box-shadow:4px 4px 4px 4px rgb(149, 159,  
96) }
```

# Background

The CSS property to change the background color of an element to YUV 148.8280, -26.0442, 0.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 159, 96) }
```

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

```
.background{ background-color: rgb(149,  
159, 96) }
```

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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