

# Converting Colors

YUV(181.5580, -19.5021,  
48.6226)

Have a look what the booklet for  
YUV(181.5580, -19.5021, 48.6226)  
contains.

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# Color

**YUV(181.5580, -19.5021,  
48.6226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDA18E
RGB	237, 161, 142
RGB Percent	93%, 63%, 56%
CMY	0.0706, 0.3686, 0.4431
CMYK	0.00, 0.32, 0.40, 0.07
HSL	12°, 73%, 74%
HSV	12°, 40%, 93%
XYZ	52.5524, 45.4473, 31.5936
YIQ	181.5580, 51.3950, 10.2030

# Conversions

## Conversions Part 2

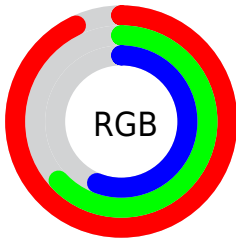
Format	Color
<a href="#">RYB</a>	<a href="#">237, 166, 142</a>
Decimal	<a href="#">15573390</a>
CIELab	<a href="#">73.19, 25.96, 21.36</a>
CIELCh	<a href="#">73, 33.620, 39.448</a>
Yxy	<a href="#">45.4473, 0.4055, 0.3507</a>
Android (android.graphics.Color)	<a href="#">4293763470</a> ( <a href="#">0xFFEDA18E</a> )
YUV	<a href="#">181.5580, -19.5021, 48.6226</a>
Hunter-Lab	<a href="#">67.4146, 21.1725, 19.4042</a>

# Details

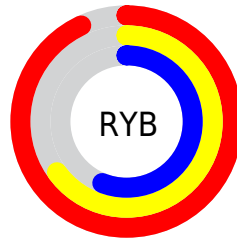
The YUV color **181.5580, -19.5021, 48.6226** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **197.4420, 19.5021, -48.6226**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.3810, -14.4848, 25.9759**, and **127.9920, -17.7441, 44.7340** is the 20% darker color. If you saturate the color by 10%, you get **167.6690, -24.4868, 60.8033**, and if you desaturate by 10%, it is **195.4470, -14.5174, 36.4420**.

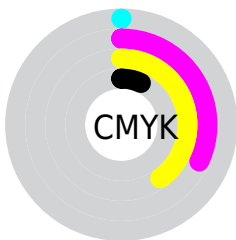
# Distribution



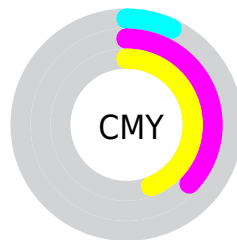
- Red (93%)
- Green (63%)
- Blue (56%)



- Red (93%)
- Yellow (65%)
- Blue (56%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (7%)



- Cyan (7%)
- Magenta (37%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.5580, -19.5021, 48.6226 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 181.5580, -19.5021, 48.6226 by changing the saturation by 10% instead.



181.5580,  
-19.5021, 48.6226

181.5580,  
-19.5021, 48.6226

255.0000, 0.0000,  
0.0000

154.0740,  
-18.7705, 47.2931

225.3810,  
-14.4848, 25.9759

127.9920,  
-17.7441, 44.7340

245.5960,  
-10.6468, 8.2473

102.2090,  
-16.8650, 42.7897

254.6580, -1.3104,  
0.2999

77.2410, -15.4018,  
40.1306

53.2730, -13.9386,  
37.4716

28.5610, -14.0806,  
36.3420

13.4550, -6.6333,

27.6650

■ 0.0000, 0.0000,  
0.0000

■ 181.5580,  
-19.5021, 48.6226

■ 181.5580,  
-19.5021, 48.6226

■ 167.6690,  
-24.4868, 60.8033

■ 195.4470,  
-14.5174, 36.4420

■ 153.8940,  
-29.0347, 72.8840

■ 209.2220, -9.9694,  
24.3613

■ 140.0050,  
-34.0195, 85.0646

■ 223.1110, -4.9847,  
12.1807

■ 126.1160,  
-39.0042, 97.2453

■ 237.0000, 0.0000,  
0.0000

■ 112.3410,  
-43.5521, 109.3259

■ 249.6180, 2.6533,  
-11.0660

■ 98.4520, -48.5368,  
121.5066

# Harmonies

## Analogous

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



182.8260, -5.8302, 50.1416



181.5580, -19.5021, 48.6226



179.2930, -27.7524, 34.8230

# Triad

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



181.5580, -19.5021, 48.6226



168.5420, -5.6902, -41.6943



178.1800, 30.4773, -22.0829

# Complementary

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



181.5580, -19.5021, 48.6226



197.4420, 19.5021, -48.6226

# 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.



169.6550, 33.2011, -55.8254



181.5580, -19.5021, 48.6226



163.1980, 12.7204, -66.8256

# Square

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



181.5580, -19.5021, 48.6226



172.8200, -20.6173, -13.8741



162.0410, 27.5878, -75.4580



183.0980, 21.6437, 11.3151



# Rectangle

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



181.5580, -19.5021, 48.6226



178.0370, -29.5982, 20.1386



162.0410, 27.5878, -75.4580



175.8580, 32.1150, -34.0785

# Sweetspot

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



181.5580, -19.5021, 48.6226



237.3780, -6.5954, 15.4545



179.0690, 19.1930, 50.8055



117.1430, -3.5215, 9.5216



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



181.5580, -19.5021, 48.6226



183.5660, -24.9290, 62.6476



208.5600, -32.8141, 24.9419



110.4630, -2.2003, 5.7329



75.2510, -37.0987, 92.7419



22.6030, -11.1433, 27.5352



# Inverse Universe

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



197.4420, 19.5021, -48.6226



204.4340, 24.9290, -62.6476



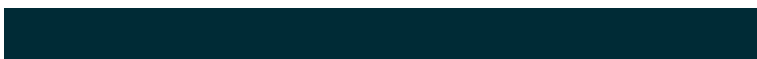
169.8530, 33.1035, -24.4271



112.5370, 2.2003, -5.7329



105.7490, 37.0987, -92.7419



31.3970, 11.1433, -27.5352



# Previews

## White Background



This preview shows how the YUV color 181.5580, -19.5021, 48.6226 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 181.5580, -19.5021, 48.6226 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

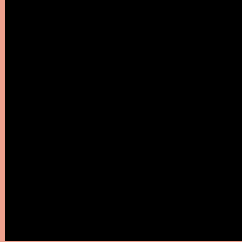
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 181.5580, -19.5021, 48.6226

## Background



This preview shows how black text looks on a background with the YUV color 181.5580, -19.5021, 48.6226.



This preview shows how white text looks on a background with the YUV color 181.5580, -19.5021,



# 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

181.5580, -19.5021, 48.6226

### Protanopia

179.6840, -14.1412, 9.0471

### Deuteranopia

180.6000, -20.0158, 26.6608



## Tritanopia

182.8860, -6.8458, 49.2120

# Trichromacy



## Original Color

181.5580, -19.5021, 48.6226

## Protanomaly

180.3160, -15.9318, 23.4019

## Deuteranomaly

181.0570, -19.7481, 34.1530

## Tritanomaly

182.0340, -11.3558, 49.0822

# Monochromacy



## Original Color

181.5580, -19.5021, 48.6226

## Achromatopsia

182.0000, 0.0000, 0.0000

## Achromatomaly

181.5740, -7.1850, 17.9136

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.5580, -19.5021, 48.6226 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(237, 161, 142)` looks like.

```
.text, #text, p{  
    color:rgb(237, 161, 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(237, 161, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 161, 142) }
```

## Border

The CSS property to change the border of an element to YUV 181.5580, -19.5021, 48.6226 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(237, 161, 142) }
```



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

```
.border{ border-color:rgb(237, 161, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 161, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 161, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 161, 142);  
box-shadow:4px 4px 4px 4px rgb(237, 161,  
142) }
```

# Background

The CSS property to change the background color of an element to YUV 181.5580, -19.5021, 48.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 161, 142) }
```

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

```
.background{ background-color: rgb(237,  
161, 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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