

# Converting Colors

YUV(173.0070, -27.1185,  
64.8919)

Have a look what the booklet for  
YUV(173.0070, -27.1185, 64.8919)  
contains.

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# Color

**YUV(173.0070, -27.1185,  
64.8919)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F79276
RGB	247, 146, 118
RGB Percent	97%, 57%, 46%
CMY	0.0314, 0.4275, 0.5373
CMYK	0.00, 0.41, 0.52, 0.03
HSL	13°, 89%, 72%
HSV	13°, 52%, 97%
XYZ	51.9067, 41.6399, 22.4411
YIQ	173.0070, 69.1840, 12.7040

# Conversions

## Conversions Part 2

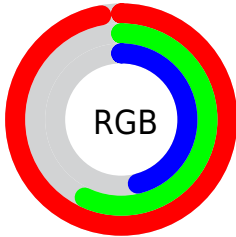
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 154, 118
Decimal	16224886
CIE <sub>Lab</sub>	70.62, 35.32, 31.21
CIE <sub>LCh</sub>	71, 47.136, 41.462
Yxy	41.6399, 0.4475, 0.3590
Android (android.graphics.Color)	4294414966 (0xFFFF79276)
YUV	173.0070, -27.1185, 64.8919
Hunter-Lab	64.5290, 30.6583, 24.5512

# Details

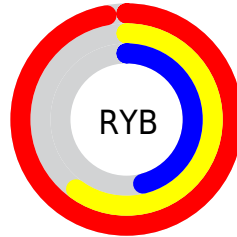
The YUV color **173.0070, -27.1185, 64.8919** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **191.9930, 27.1185, -64.8919**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6120, -21.5007, 36.2973**, and **118.9570, -24.6288, 59.6737** is the 20% darker color. If you saturate the color by 10%, you get **159.0040, -32.5400, 77.1725**, and if you desaturate by 10%, it is **187.0100, -21.6969, 52.6112**.

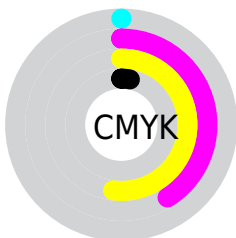
# Distribution



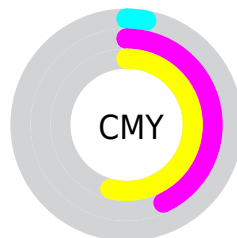
- Red (97%)
- Green (57%)
- Blue (46%)



- Red (97%)
- Yellow (60%)
- Blue (46%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (3%)



- Cyan (3%)
- Magenta (43%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.0070, -27.1185, 64.8919 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 173.0070, -27.1185, 64.8919 by changing the saturation by 10% instead.




 173.0070,  
-27.1185, 64.8919


 173.0070,  
-27.1185, 64.8919


255.0000, 0.0000,  
0.0000


 145.9250,  
-26.0920, 62.3328


 213.6120,  
-21.5007, 36.2973


 118.9570,  
-24.6288, 59.6737


 233.2400,  
-17.3733, 19.0835

 92.6900, -23.0182,  
56.3999

 251.6940,  
-12.6671, 2.8994

 66.9500, -20.6813,  
53.5409

 40.4660, -19.9497,  
52.2113

 21.5280, -10.6133,  
44.2639

 14.4660, -6.6387,

29.4093

■ 0.0000, 0.0000,  
0.0000

■ 173.0070,  
-27.1185, 64.8919

■ 173.0070,  
-27.1185, 64.8919

■ 159.0040,  
-32.5400, 77.1725

■ 187.0100,  
-21.6969, 52.6112

■ 144.5280,  
-37.2353, 89.8679

■ 201.4860,  
-17.0016, 39.9158

■ 130.5250,  
-42.6568, 102.1486

■ 215.4890,  
-11.5801, 27.6351

■ 116.5220,  
-48.0783, 114.4292

■ 229.4920, -6.1586,  
15.3545

■ 105.5510,  
-52.0366, 124.0508

■ 244.0820, -1.0264,  
2.5591

252.6080, 1.1793,  
-4.9182

# Harmonies

## Analogous

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



174.9640, -8.3633, 69.3146



173.0070, -27.1185, 64.8919



170.9600, -39.4203, 43.8851

# Triad

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



173.0070, -27.1185, 64.8919



152.1320, -4.0091, -67.6448



169.8010, 42.0031, -32.2745

# Complementary

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



173.0070, -27.1185, 64.8919



191.9930, 27.1185, -64.8919

# 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.



137.4370, 56.9726, -120.5322



173.0070, -27.1185, 64.8919



135.8970, 25.6868, -119.1817

# Square

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



173.0070, -27.1185, 64.8919



162.5170, -27.8629, -23.2554



138.6960, 44.0269, -121.6364



177.2050, 29.4789, 18.2372



# Rectangle

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



173.0070, -27.1185, 64.8919



168.9700, -41.3972, 24.5823



138.6960, 44.0269, -121.6364



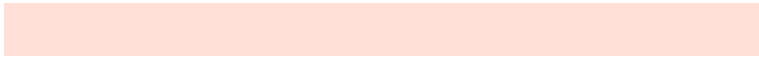
163.7770, 44.9729, -51.5474

# Sweetspot

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



173.0070, -27.1185, 64.8919



231.5420, -8.6482, 20.5727



168.0850, 25.1011, 69.2085



113.9970, -5.4215, 12.2806



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.



173.0070, -27.1185, 64.8919



162.6840, -33.8612, 80.9611



210.5750, -45.6395, 31.9447



115.3490, -2.6371, 5.8329



79.0940, -38.9933, 93.7566



25.2720, -12.4591, 29.5795



# Inverse Universe

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



191.9930, 27.1185, -64.8919



186.3160, 33.8612, -80.9611



154.4250, 45.6395, -31.9447



117.2380, 2.3477, -6.3477



106.9060, 38.9933, -93.7566



33.7280, 12.4591, -29.5795



# Previews

## White Background



This preview shows how the YUV color 173.0070, -27.1185, 64.8919 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 173.0070, -27.1185, 64.8919 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 173.0070, -27.1185, 64.8919

## Background



This preview shows how black text looks on a background with the YUV color 173.0070, -27.1185, 64.8919.



This preview shows how white text looks on a background with the YUV color 173.0070, -27.1185,



# 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

173.0070, -27.1185, 64.8919

### Protanopia

171.8710, -21.1354, 12.3911

### Deuteranopia

172.6300, -28.9046, 31.0195



## Tritanopia

174.5460, -11.1152, 65.2962

# Trichromacy



## Original Color

173.0070, -27.1185, 64.8919

## Protanomaly

172.1230, -23.2316, 31.4641

## Deuteranomaly

172.8210, -28.5058, 43.1300

## Tritanomaly

174.0530, -16.7881, 64.8515

# Monochromacy



## Original Color

173.0070, -27.1185, 64.8919

## Achromatopsia

173.0000, 0.0000, 0.0000

## Achromatomaly

172.9230, -9.8220, 23.7465

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.0070, -27.1185, 64.8919 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(247, 146, 118)` looks like.

```
.text, #text, p{  
    color:rgb(247, 146, 118)  
}
```

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(247, 146, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 146, 118) }
```

## Border

The CSS property to change the border of an element to YUV 173.0070, -27.1185, 64.8919 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(247, 146, 118) }
```



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

```
.border{ border-color:rgb(247, 146, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 146, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 146, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 146, 118);  
box-shadow:4px 4px 4px 4px rgb(247, 146,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 173.0070, -27.1185, 64.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 146, 118) }
```

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

```
.background{ background-color: rgb(247,  
146, 118) }
```

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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