

# Converting Colors

YUV(171.0290, -27.1293,  
68.3806)

Have a look what the booklet for  
YUV(171.0290, -27.1293, 68.3806)  
contains.

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# Color

**YUV(171.0290, -27.1293,  
68.3806)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F98E74
RGB	249, 142, 116
RGB Percent	98%, 56%, 45%
CMY	0.0235, 0.4431, 0.5451
CMYK	0.00, 0.43, 0.53, 0.02
HSL	12°, 92%, 72%
HSV	12°, 53%, 98%
XYZ	51.8923, 40.7467, 21.6529
YIQ	171.0290, 72.1180, 14.5980

# Conversions

## Conversions Part 2

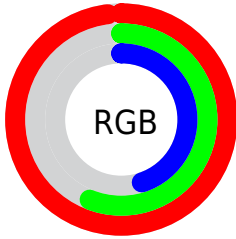
Format	Color
<a href="#">RYB</a>	<a href="#">249, 148, 116</a>
Decimal	<a href="#">16354932</a>
CIELab	<a href="#">70.00, 37.97, 31.53</a>
CIElCh	<a href="#">70, 49.361, 39.706</a>
Yxy	<a href="#">40.7467, 0.4540, 0.3565</a>
Android (android.graphics.Color)	<a href="#">4294545012 (0xFFFF98E74)</a>
YUV	<a href="#">171.0290, -27.1293, 68.3806</a>
Hunter-Lab	<a href="#">63.8331, 33.4012, 24.5714</a>

# Details

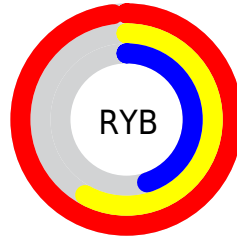
The YUV color **171.0290, -27.1293, 68.3806** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **193.9710, 27.1293, -68.3806**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0360, -21.2167, 38.5564**, and **116.6800, -24.4922, 62.5476** is the 20% darker color. If you saturate the color by 10%, you get **156.4390, -32.2614, 81.1760**, and if you desaturate by 10%, it is **185.6190, -21.9972, 55.5851**.

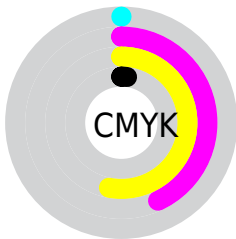
# Distribution



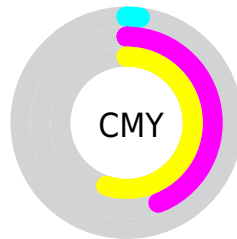
- Red (98%)
- Green (56%)
- Blue (45%)



- Red (98%)
- Yellow (58%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (53%)
- Black (2%)



- Cyan (2%)
- Magenta (44%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 171.0290, -27.1293, 68.3806 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 171.0290, -27.1293, 68.3806 by changing the saturation by 10% instead.



171.0290,  
-27.1293, 68.3806

171.0290,  
-27.1293, 68.3806

255.0000, 0.0000,  
0.0000

143.6480,  
-25.9555, 65.2067

211.0360,  
-21.2167, 38.5564

116.6800,  
-24.4922, 62.5476

230.6640,  
-17.0894, 21.3427

90.2390, -22.3028,  
60.3034

250.8790,  
-13.2513, 3.6141

64.3850, -20.4028,  
57.5444

254.6580, -1.3104,  
0.2999

36.0690, -17.7820,  
56.9445

21.8270, -10.7607,  
44.8787

14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,  
0.0000

■ 171.0290,  
-27.1293, 68.3806

■ 171.0290,  
-27.1293, 68.3806

■ 156.4390,  
-32.2614, 81.1760

■ 185.6190,  
-21.9972, 55.5851

■ 141.8490,  
-37.3936, 93.9714

■ 200.2090,  
-16.8650, 42.7897

■ 127.2590,  
-42.5257, 106.7669

■ 214.7990,  
-11.7329, 29.9943

■ 112.6690,  
-47.6578, 119.5623

■ 229.3890, -6.6008,  
17.1988

■ 103.2140,  
-50.8845, 127.8543

■ 243.9790, -1.4686,  
4.4034

253.2060, 0.8844,  
-3.6887

# Harmonies

## Analogous

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



172.9150, -7.3531, 71.9885



171.0290, -27.1293, 68.3806



169.2270, -41.0309, 47.1589

# Triad

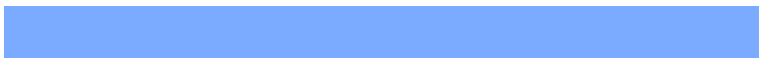
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



171.0290, -27.1293, 68.3806



149.3660, -5.6034, -69.6040



166.2240, 43.7666, -37.9074

# Complementary

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



171.0290, -27.1293, 68.3806



193.9710, 27.1293, -68.3806

# 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.



136.9640, 57.6987, -120.1174



171.0290, -27.1293, 68.3806



134.9680, 24.6658, -118.3669

# Square

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



171.0290, -27.1293, 68.3806



160.3600, -29.7575, -22.2407



138.5820, 43.5901, -121.5364



175.7640, 31.6683, 15.9930



# Rectangle

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



171.0290, -27.1293, 68.3806



166.8240, -43.2972, 27.3414



138.5820, 43.5901, -121.5364



159.2920, 47.1840, -60.7691

# Sweetspot

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



171.0290, -27.1293, 68.3806



230.9550, -8.3588, 21.0875



168.1930, 28.0059, 70.8677



113.4100, -5.1321, 12.7954



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.



171.0290, -27.1293, 68.3806



159.5210, -33.2879, 83.7351



209.1840, -45.9397, 34.9186



117.6480, -2.7845, 6.4477



78.2300, -38.5674, 97.1453



25.2830, -12.4645, 31.3238



# Inverse Universe

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



193.9710, 27.1293, -68.3806



187.4790, 33.2879, -83.7351



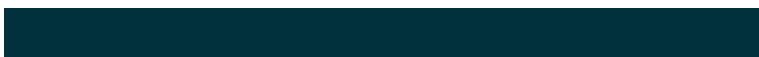
155.8160, 45.9397, -34.9186



119.9390, 2.4951, -6.9625



110.7700, 38.5674, -97.1453



35.7170, 12.4645, -31.3238



# Previews

## White Background



This preview shows how the YUV color 171.0290, -27.1293, 68.3806 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 171.0290, -27.1293, 68.3806 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 171.0290, -27.1293, 68.3806

## Background



This preview shows how black text looks on a background with the YUV color 171.0290, -27.1293, 68.3806.



This preview shows how white text looks on a background with the YUV color 171.0290, -27.1293, 68.3806.



# 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

171.0290, -27.1293, 68.3806

### Protanopia

169.9850, -20.6986, 12.2912

### Deuteranopia

170.6300, -28.9046, 31.0195



## Tritanopia

172.9270, -12.2890, 68.4700

# Trichromacy



## Original Color

171.0290, -27.1293, 68.3806



## Protanomaly

170.2480, -22.8003, 33.1085



## Deuteranomaly

170.8320, -28.5112, 44.8743



## Tritanomaly

171.8470, -17.6726, 68.5402

# Monochromacy



## Original Color

171.0290, -27.1293, 68.3806



## Achromatopsia

171.0000, 0.0000, 0.0000



## Achromatomaly

170.6350, -9.6801, 24.8761

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.0290, -27.1293, 68.3806 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(249, 142, 116)` looks like.

```
.text, #text, p{  
    color:rgb(249, 142, 116)  
}
```

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(249, 142, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 142, 116) }
```

## Border

The CSS property to change the border of an element to YUV 171.0290, -27.1293, 68.3806 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(249, 142, 116) }
```



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

```
.border{ border-color:rgb(249, 142, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 142, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 142, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 142, 116);  
box-shadow:4px 4px 4px 4px rgb(249, 142,  
116) }
```

# Background

The CSS property to change the background color of an element to YUV 171.0290, -27.1293, 68.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 142, 116) }
```

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

```
.background{ background-color: rgb(249,  
142, 116) }
```

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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