

# Converting Colors

YUV(174.8340, -11.2572,  
64.1666)

Have a look what the booklet for  
YUV(174.8340, -11.2572, 64.1666)  
contains.

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# Color

**YUV(174.8340, -11.2572,  
64.1666)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F88E98
RGB	248, 142, 152
RGB Percent	97%, 56%, 60%
CMY	0.0275, 0.4431, 0.4039
CMYK	0.00, 0.43, 0.39, 0.03
HSL	354°, 88%, 76%
HSV	354°, 43%, 97%
XYZ	54.0519, 41.5695, 34.8806
YIQ	174.8340, 59.9660, 25.5820

# Conversions

## Conversions Part 2

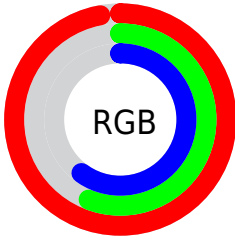
Format	Color
R <sub>Y</sub> B	248, 142, 152
Decimal	16289432
CIE Lab	70.57, 41.09, 12.42
CIE LCh	71, 42.924, 16.814
Yxy	41.5695, 0.4142, 0.3185
Android (android.graphics.Color)	4294479512 (0xFFFF88E98)
YUV	174.8340, -11.2572, 64.1666
Hunter-Lab	64.4744, 36.8147, 13.0562

# Details

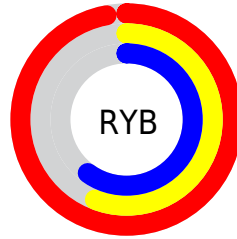
The YUV color **174.8340, -11.2572, 64.1666** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **215.1660, 11.2572, -64.1666**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3680, -4.6184, 34.7573**, and **120.2680, -9.4991, 60.2780** is the 20% darker color. If you saturate the color by 10%, you get **157.6510, -13.6319, 79.2361**, and if you desaturate by 10%, it is **192.0170, -8.8824, 49.0971**.

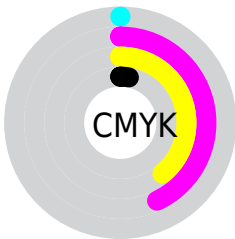
# Distribution



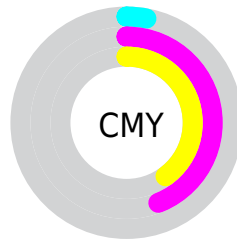
- Red (97%)
- Green (56%)
- Blue (60%)



- Red (97%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (43%)
- Yellow (39%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 174.8340, -11.2572, 64.1666 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 174.8340, -11.2572, 64.1666 by changing the saturation by 10% instead.




 174.8340,  
-11.2572, 64.1666

 174.8340,  
-11.2572, 64.1666


255.0000, 0.0000,  
0.0000


 147.0510,  
-10.3781, 62.2223


 215.3680, -4.6184,  
34.7573


 120.2680, -9.4991,  
60.2780

 235.5830, -0.7804,  
17.0287

 94.1860, -8.4727,  
57.7189

 67.7450, -6.2833,  
55.4746

 38.1950, -2.0681,  
56.8340

 23.9780, -6.3982,  
45.6233

 15.7760, -6.7916,

31.7684

■ 0.2990, -0.1474,  
0.6148

■ 0.0000, 0.0000,  
0.0000

■ 174.8340,  
-11.2572, 64.1666

■ 174.8340,  
-11.2572, 64.1666

■ 157.6510,  
-13.6319, 79.2361

■ 192.0170, -8.8824,  
49.0971

■ 140.3540,  
-16.4435, 94.4055

■ 209.3140, -6.0708,  
33.9276

■ 123.7580,  
-19.1077, 108.9602

■ 225.9100, -3.4066,  
19.3729

■ 106.4610,  
-21.9193, 124.1297

■ 243.2070, -0.5951,  
4.2035

■ 89.2780, -24.2941,  
139.1992

■ 252.9070, 1.0318,  
-4.3034

■ 76.7740, -26.5106,  
150.1652

# Harmonies

## Analogous

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



176.6920, 7.5468, 52.8901



174.8340, -11.2572, 64.1666



173.1370, -27.6755, 56.8849

# Triad

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



174.8340, -11.2572, 64.1666



162.3900, -21.8843, -27.5290



157.5310, 44.6012, -72.3797

# Complementary

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



174.8340, -11.2572, 64.1666



215.1660, 11.2572, -64.1666

# 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.



137.5220, 44.6057, -120.6068



174.8340, -11.2572, 64.1666



153.2830, 0.3535, -66.9002

# Square

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



174.8340, -11.2572, 64.1666



167.4670, -35.2332, 7.4834



135.4070, 28.8863, -118.7519



172.2110, 36.8710, -19.4790



# Rectangle

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



174.8340, -11.2572, 64.1666



171.8120, -34.9103, 44.0149



135.4070, 28.8863, -118.7519



147.7730, 47.4399, -96.2709

# Sweetspot

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



174.8340, -11.2572, 64.1666



232.2090, -3.5540, 19.9877



182.4890, 32.2969, 47.8061



113.5070, -2.2220, 12.7104



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.



174.8340, -11.2572, 64.1666



165.2380, -13.9213, 78.7213



198.3480, -27.7796, 43.5448



116.1150, -1.0427, 7.7921



58.5630, -19.9976, 114.3932



18.9230, -6.3710, 36.9015



# Inverse Universe

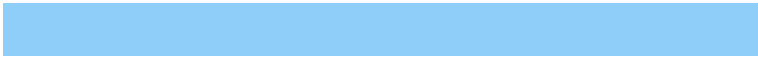
The Inverse Universe completely reimagines the original color for something new.



174.8340, -11.2572, 64.1666



165.2380, -13.9213, 78.7213



191.6520, 27.7796, -43.5448



116.1150, -1.0427, 7.7921



58.5630, -19.9976, 114.3932



18.9230, -6.3710, 36.9015



# Previews

## White Background



This preview shows how the YUV color 174.8340, -11.2572, 64.1666 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

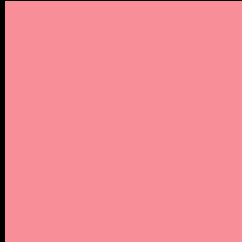
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.8340, -11.2572, 64.1666 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 174.8340, -11.2572, 64.1666

## Background



This preview shows how black text looks on a background with the YUV color 174.8340, -11.2572, 64.1666.



This preview shows how white text looks on a background with the YUV color 174.8340, -11.2572, 64.1666.

64.1666.

# 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

174.8340, -11.2572, 64.1666

### Protanopia

173.0390, -2.4842, 3.4738

### Deuteranopia

174.4020, -13.0162, 21.5724



## Tritanopia

174.8340, -11.2572, 64.1666

# Trichromacy



## Original Color

174.8340, -11.2572, 64.1666



## Protanomaly

173.6720, -5.7543, 25.7207



## Deuteranomaly

174.6150, -12.6282, 37.1716



## Tritanomaly

174.8340, -11.2572, 64.1666

# Monochromacy



## Original Color

174.8340, -11.2572, 64.1666



## Achromatopsia

175.0000, 0.0000, 0.0000



## Achromatomaly

175.1170, -4.0017, 23.5764

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.8340, -11.2572, 64.1666 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(248, 142, 152)` looks like.

```
.text, #text, p{  
    color:rgb(248, 142, 152)  
}
```

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(248, 142, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 142, 152) }
```

## Border

The CSS property to change the border of an element to YUV 174.8340, -11.2572, 64.1666 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(248, 142, 152) }
```



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

```
.border{ border-color:rgb(248, 142, 152) }
```

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

Here you see how a box with a 4 pixel rgb(248, 142, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 142, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 142, 152);  
box-shadow:4px 4px 4px 4px rgb(248, 142,  
152) }
```

# Background

The CSS property to change the background color of an element to YUV 174.8340, -11.2572, 64.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 142, 152) }
```

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

```
.background{ background-color: rgb(248,  
142, 152) }
```

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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