

Converting Colors

YUV(174.9890, -19.7146,
70.1696)

Have a look what the booklet for
YUV(174.9890, -19.7146, 70.1696)
contains.

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Color

**YUV(174.9890, -19.7146,
70.1696)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8E87
RGB	255, 142, 135
RGB Percent	100%, 56%, 53%
CMY	0.0000, 0.4431, 0.4706
CMYK	0.00, 0.44, 0.47, 0.00
HSL	4°, 100%, 76%
HSV	4°, 47%, 100%
XYZ	55.2862, 42.3553, 28.1832
YIQ	174.9890, 69.5950, 21.7790

Conversions

Conversions Part 2

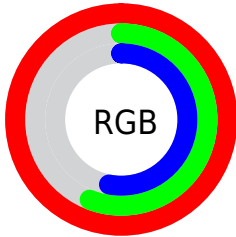
Format	Color
R _Y B	255, 142, 135
Decimal	16748167
CIE Lab	71.12, 41.88, 22.74
CIE LCh	71, 47.656, 28.499
Yxy	42.3553, 0.4394, 0.3366
Android (android.graphics.Color)	4294938247 (0xFFFF8E87)
YUV	174.9890, -19.7146, 70.1696
Hunter-Lab	65.0809, 37.7439, 19.8812

Details

The YUV color **174.9890, -19.7146, 70.1696** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **215.0110, 19.7146, -70.1696**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3160, -12.4808, 36.5569**, and **120.2380, -17.3723, 65.5663** is the 20% darker color. If you saturate the color by 10%, you get **158.0510, -23.6891, 85.0243**, and if you desaturate by 10%, it is **192.0410, -15.3032, 55.2150**.

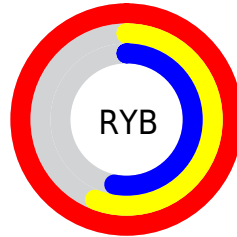
Distribution



Red (100%)

Green (56%)

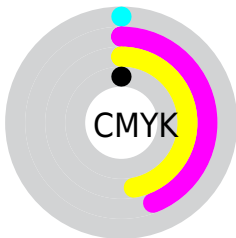
Blue (53%)



Red (100%)

Yellow (56%)

Blue (53%)

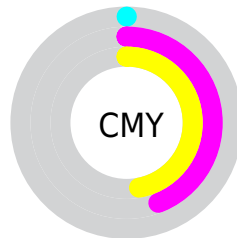


Cyan (0%)

Magenta (44%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.9890, -19.7146, 70.1696 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 174.9890, -19.7146, 70.1696 by changing the saturation by 10% instead.


 174.9890,
-19.7146, 70.1696


 174.9890,
-19.7146, 70.1696


255.0000, 0.0000,
0.0000

 147.3200,
-18.3988, 68.1254


 213.3160,
-12.4808, 36.5569


 120.2380,
-17.3723, 65.5663


 233.5310, -8.6428,
18.8283

 93.3840, -15.4723,
62.8072

 253.7460, -4.8048,
1.0998

 66.9430, -13.2829,
60.5630

 36.6210, -8.1942,
61.7224

 23.6210, -11.6452,
48.5674

 15.9610, -7.3758,

32.4832

■ 2.6910, -1.3267,
5.5330

■ 0.0000, 0.0000,
0.0000

■ 174.9890,
-19.7146, 70.1696

■ 174.9890,
-19.7146, 70.1696

■ 158.0510,
-23.6891, 85.0243

■ 192.0410,
-15.3032, 55.2150

■ 140.9990,
-28.1005, 99.9789

■ 208.9790,
-11.3286, 40.3604

■ 123.9470,
-32.5119, 114.9335

■ 226.0310, -6.9173,
25.4058

■ 107.0090,
-36.4864, 129.7881

■ 242.9690, -2.9427,
10.5512

■ 90.0710, -40.4610, 255.0000, 0.0000,
144.6427 0.0000

■ 85.0500, -41.9296,
149.0462

Harmonies

Analogous

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



176.9450, 0.5201, 66.7002



174.9890, -19.7146, 70.1696



173.0630, -35.5271, 55.1957

Triad

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



174.9890, -19.7146, 70.1696



158.5770, -15.5675, -46.9870



162.5480, 45.5788, -59.2396

Complementary

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



174.9890, -19.7146, 70.1696



215.0110, 19.7146, -70.1696

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.



139.6880, 52.9048, -122.5064



174.9890, -19.7146, 70.1696



134.4320, 17.5350, -117.8969

Square

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



174.9890, -19.7146, 70.1696



166.3790, -35.1898, -6.4714



139.4480, 36.7541, -122.2959



176.7940, 36.0906, -2.4503

Rectangle

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



174.9890, -19.7146, 70.1696



171.7590, -41.2932, 37.9224



139.4480, 36.7541, -122.2959



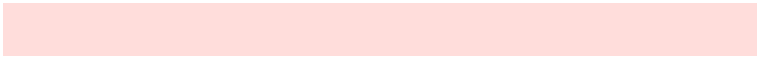
153.8220, 49.8808, -85.7899

Sweetspot

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



174.9890, -19.7146, 70.1696



230.9380, -5.8854, 21.1024



183.8760, 32.1061, 62.3757



113.1650, -3.5323, 13.0103



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.



174.9890, -19.7146, 70.1696



160.0400, -23.6837, 83.2799



209.6220, -36.7886, 39.7965



118.8870, -1.9163, 7.9921



63.5660, -31.3380, 111.7596



21.4840, -10.5916, 37.2865

Inverse Universe

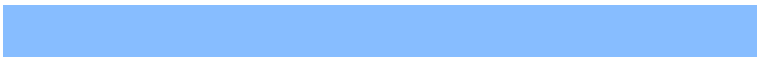
The Inverse Universe completely reimagines the original color for something new.



215.0110, 19.7146, -70.1696



207.5470, 23.3943, -83.7947



180.3780, 36.7886, -39.7965



123.5260, 2.2057, -7.4773



127.4340, 31.3380, -111.7596



42.5160, 10.5916, -37.2865

Previews

White Background



This preview shows how the YUV color 174.9890, -19.7146, 70.1696 looks on a white background.

Color Contrast Check

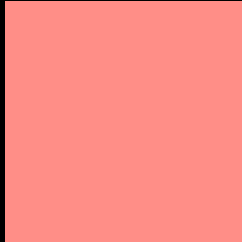
Large Text (above 18pt) WCAG AA × Fail

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 174.9890, -19.7146, 70.1696 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 174.9890, -19.7146, 70.1696

Background



This preview shows how black text looks on a background with the YUV color 174.9890, -19.7146, 70.1696.



This preview shows how white text looks on a background with the YUV color 174.9890, -19.7146, 70.1696.

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

174.9890, -19.7146, 70.1696

Protanopia

173.9550, -11.8098, 7.9325

Deuteranopia

174.5570, -21.4736, 27.5755



Tritanopia

175.5250, -12.5838, 69.6996

Trichromacy



Original Color

174.9890, -19.7146, 70.1696

Protanomaly

174.1150, -14.3537, 30.5941

Deuteranomaly

174.7700, -21.0856, 43.1747

Tritanomaly

175.5420, -15.0572, 69.6847

Monochromacy



Original Color

174.9890, -19.7146, 70.1696

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.9170, -7.3541, 25.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.9890, -19.7146, 70.1696 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(255, 142, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 135)  
}
```

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(255, 142, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 135) }
```

Border

The CSS property to change the border of an element to YUV 174.9890, -19.7146, 70.1696 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(255, 142, 135) }
```


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

```
.border{ border-color:rgb(255, 142, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 174.9890, -19.7146, 70.1696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 135) }
```

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

```
.background{ background-color: rgb(255,  
142, 135) }
```

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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