

Converting Colors

YUV(173.0120, -4.4429,
71.9035)

Have a look what the booklet for
YUV(173.0120, -4.4429, 71.9035)
contains.

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Color

**YUV(173.0120, -4.4429,
71.9035)**

Conversions

Conversions Part 1

Format	Color
Hex	FF85A4
RGB	255, 133, 164
RGB Percent	100%, 52%, 64%
CMY	0.0000, 0.4784, 0.3569
CMYK	0.00, 0.48, 0.36, 0.00
HSL	345°, 100%, 76%
HSV	345°, 48%, 100%
XYZ	56.3284, 40.7154, 40.0120
YIQ	173.0120, 62.7610, 35.5050

Conversions

Conversions Part 2

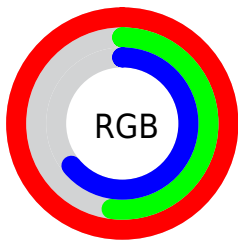
Format	Color
R _Y B	255, 133, 164
Decimal	16745892
CIE Lab	69.98, 49.40, 4.98
CIE LCh	70, 49.648, 5.757
Yxy	40.7154, 0.4110, 0.2971
Android (android.graphics.Color)	4294935972 (0xFFFF85A4)
YUV	173.0120, -4.4429, 71.9035
Hunter-Lab	63.8086, 45.9095, 7.4875

Details

The YUV color **173.0120, -4.4429, 71.9035** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **214.9880, 4.4429, -71.9035**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1540, 3.3751, 37.5759**, and **117.4460, -2.6849, 68.0149** is the 20% darker color. If you saturate the color by 10%, you get **156.1710, -5.5073, 86.6730**, and if you desaturate by 10%, it is **190.4400, -3.6679, 56.6191**.

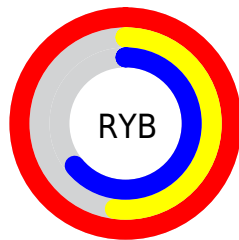
Distribution



Red (100%)

Green (52%)

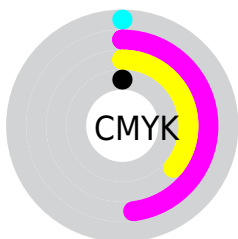
Blue (64%)



Red (100%)

Yellow (52%)

Blue (64%)

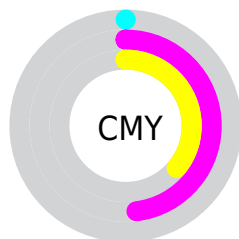


Cyan (0%)

Magenta (48%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0120, -4.4429, 71.9035 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 173.0120, -4.4429, 71.9035 by changing the saturation by 10% instead.

173.0120, -4.4429,
71.9035

173.0120, -4.4429,
71.9035

255.0000, 0.0000,
0.0000

145.2290, -3.5639,
69.9592

212.1540, 3.3751,
37.5759

117.4460, -2.6849,
68.0149

231.7820, 7.5025,
20.3622

90.1900, -1.0797,
66.4854

249.7170, 2.6045,
4.6332

60.7000, 2.1199,
66.9151

37.4930, 2.7150,
62.7116

26.8410, -1.8936,
47.4974

17.2710, -7.5286,

34.8423

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 173.0120, -4.4429,
71.9035

■ 173.0120, -4.4429,
71.9035

■ 156.1710, -5.5073,
86.6730

■ 190.4400, -3.6679,
56.6191

■ 138.7430, -6.2823,
101.9574

■ 207.2810, -2.6035,
41.8496

■ 121.9020, -7.3467,
116.7269

■ 224.7090, -1.8285,
26.5652

■ 104.4740, -8.1217,
132.0113

■ 241.5500, -0.7642,
11.7956

■ 87.6330, -9.1861, 255.0000, 0.0000,
146.7809 0.0000

■ 83.6550, -9.1969,
150.2696

Harmonies

Analogous

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



175.9720, 16.2828, 50.8906



173.0120, -4.4429, 71.9035



171.0230, -24.6613, 70.1398

Triad

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



173.0120, -4.4429, 71.9035



161.2960, -32.6839, -16.9226



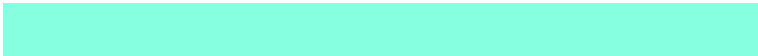
137.9100, 56.2464, -120.9471

Complementary

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



173.0120, -4.4429, 71.9035



214.9880, 4.4429, -71.9035

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.



138.0120, 41.4061, -121.0365



173.0120, -4.4429, 71.9035



151.0850, -9.4089, -62.3415

Square

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



173.0120, -4.4429, 71.9035



166.0790, -43.4229, 20.9787



134.2840, 22.0450, -117.7671



163.5110, 45.1041, -46.9291

Rectangle

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



173.0120, -4.4429, 71.9035



170.0850, -35.5379, 58.6845



134.2840, 22.0450, -117.7671



138.2860, 52.6100, -121.2768

Sweetspot

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



173.0120, -4.4429, 71.9035



230.7900, -1.3755, 21.2322



173.5190, 40.1701, 42.5178



113.1480, -1.0590, 13.0252



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.



173.0120, -4.4429, 71.9035



157.5730, -5.2125, 85.4435



185.9140, -26.0866, 60.5884



119.2290, -0.6059, 7.6922



62.6950, -6.7516, 112.5235



20.9600, -2.4453, 37.7461

Inverse Universe

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



173.0120, -4.4429, 71.9035



157.5730, -5.2125, 85.4435



202.0860, 26.0866, -60.5884



119.2290, -0.6059, 7.6922



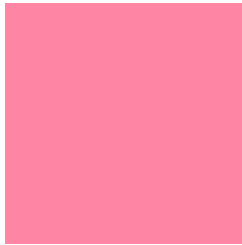
62.6950, -6.7516, 112.5235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 173.0120, -4.4429, 71.9035 looks on a white background.

Color Contrast Check

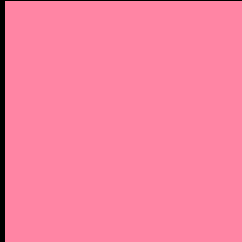
Large Text (above 18pt) WCAG AA × Fail

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 173.0120, -4.4429, 71.9035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

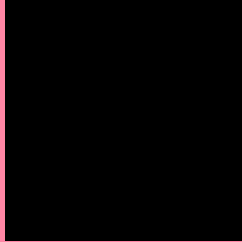
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.0120, -4.4429, 71.9035

Background



This preview shows how black text looks on a background with the YUV color 173.0120, -4.4429, 71.9035.



This preview shows how white text looks on a background with the YUV color 173.0120, -4.4429,

71.9035.

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

173.0120, -4.4429, 71.9035

Protanopia

171.8240, 6.9888, -1.5996

Deuteranopia

172.6880, -6.7482, 17.8136



Tritanopia

172.1230, -12.8786, 70.9291

Trichromacy



Original Color

173.0120, -4.4429, 71.9035



Protanomaly

172.5500, 2.6869, 24.9507



Deuteranomaly

172.7490, -5.7923, 37.9311



Tritanomaly

172.6330, -9.6791, 71.3589

Monochromacy



Original Color

173.0120, -4.4429, 71.9035



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.8230, -1.3917, 26.4652

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0120, -4.4429, 71.9035 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, 133, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 164)  
}
```

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, 133, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 164) }
```

Border

The CSS property to change the border of an element to YUV 173.0120, -4.4429, 71.9035 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, 133, 164) }
```


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

```
.border{ border-color:rgb(255, 133, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 173.0120, -4.4429, 71.9035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 164) }
```

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

```
.background{ background-color: rgb(255,  
133, 164) }
```

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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