

Converting Colors

YUV(170.5620, 11.5549,
74.0521)

Have a look what the booklet for
YUV(170.5620, 11.5549, 74.0521)
contains.

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Color

**YUV(170.5620, 11.5549,
74.0521)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7BC2
RGB	255, 123, 194
RGB Percent	100%, 48%, 76%
CMY	0.0000, 0.5176, 0.2392
CMYK	0.00, 0.52, 0.24, 0.00
HSL	328°, 100%, 74%
HSV	328°, 52%, 100%
XYZ	58.0606, 39.3210, 55.5685
YIQ	170.5620, 55.8810, 50.0650

Conversions

Conversions Part 2

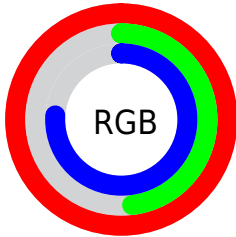
Format	Color
R_{YB}	255, 123, 194
Decimal	16743362
CIE _{Lab}	68.98, 57.94, -13.31
CIE _{LCh}	69, 59.447, 347.067
Yxy	39.3210, 0.3796, 0.2571
Android (android.graphics.Color)	4294933442 (0xFFFF7BC2)
YUV	170.5620, 11.5549, 74.0521
Hunter-Lab	62.7064, 55.5388, -8.6465

Details

The YUV color **170.5620, 11.5549, 74.0521** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **207.4380, -11.5549, -74.0521**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.9320, 20.2465, 39.5246**, and **113.5940, 13.0182, 71.3931** is the 20% darker color. If you saturate the color by 10%, you get **154.5190, 13.5481, 88.1218**, and if you desaturate by 10%, it is **187.1920, 9.2723, 59.4676**.

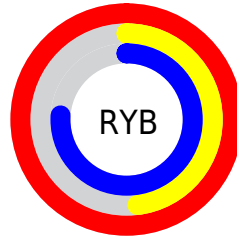
Distribution



Red (100%)

Green (48%)

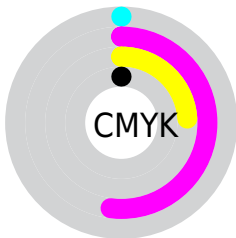
Blue (76%)



Red (100%)

Yellow (48%)

Blue (76%)

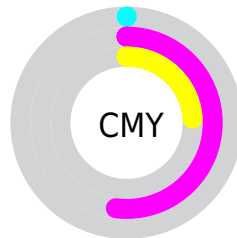


Cyan (0%)

Magenta (52%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.5620, 11.5549, 74.0521 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 170.5620, 11.5549, 74.0521 by changing the saturation by 10% instead.


 170.5620, 11.5549,
74.0521


 170.5620, 11.5549,
74.0521


255.0000, 0.0000,
0.0000


 142.0780, 12.2865,
72.7226


 209.9320, 20.2465,
39.5246


 113.5940, 13.0182,
71.3931

 227.4110, 13.6014,
24.1956

 83.8760, 15.3441,
72.0227

 244.4340, 5.2090,
9.2664

 51.5220, 18.9697,
75.8412

 40.5280, 13.0507,
60.9269

 29.5340, 7.1317,
46.0127

 19.7790, 2.0810,

32.6428

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 170.5620, 11.5549,
74.0521

■ 170.5620, 11.5549,
74.0521

■ 154.5190, 13.5481,
88.1218

■ 187.1920, 9.2723,
59.4676

■ 137.8890, 15.8307,
102.7063

■ 203.2350, 7.2791,
45.3979

■ 121.9600, 18.2607,
116.6761

■ 219.7510, 4.5598,
30.9134

■ 105.3300, 20.5433,
131.2606

■ 235.7940, 2.5666,
16.8437

■ 91.8630, 22.2525,
143.0711

■ 252.4240, 0.2840,
2.2592

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



173.1450, 33.9455, 32.3218



170.5620, 11.5549, 74.0521



163.2320, -11.4534, 80.4805

Triad

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



170.5620, 11.5549, 74.0521



159.4550, -50.5103, 7.4940



140.1610, 52.1786, -122.9212

Complementary

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



170.5620, 11.5549, 74.0521



207.4380, -11.5549, -74.0521

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.



137.0370, 30.0548, -120.1814



170.5620, 11.5549, 74.0521



151.8370, -29.9926, -40.1990

Square

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



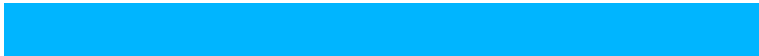
170.5620, 11.5549, 74.0521



163.6540, -52.0874, 46.7844



129.4790, 6.1729, -113.5531



135.3170, 59.0037, -118.6730

Rectangle

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



170.5620, 11.5549, 74.0521



164.6390, -28.9090, 79.2466



129.4790, 6.1729, -113.5531



139.7390, 45.4847, -122.5511

Sweetspot

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



170.5620, 11.5549, 74.0521



228.7670, 3.5659, 23.0063



155.6890, 48.9603, 23.0747



111.9570, 1.9932, 14.0697



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.



170.5620, 11.5549, 74.0521



153.9320, 13.8375, 88.6366



163.2660, -16.4001, 80.4507



119.6850, 1.1413, 7.2923



68.8510, 16.8355, 107.1247



23.0120, 5.4171, 35.9465

Inverse Universe

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



170.5620, 11.5549, 74.0521



153.9320, 13.8375, 88.6366



214.7340, 16.4001, -80.4507



119.6850, 1.1413, 7.2923



68.8510, 16.8355, 107.1247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 170.5620, 11.5549, 74.0521 looks on a white background.

Color Contrast Check

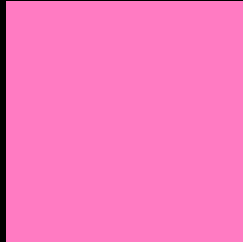
Large Text (above 18pt) WCAG AA × Fail

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 170.5620, 11.5549, 74.0521 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 170.5620, 11.5549, 74.0521 Background



This preview shows how black text looks on a background with the YUV color 170.5620, 11.5549, 74.0521.



This preview shows how white text looks on a background with the YUV color 170.5620, 11.5549,

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

170.5620, 11.5549, 74.0521

Protanopia

169.3120, 26.9612, -14.3056

Deuteranopia

170.5090, 8.1301, 5.6926



Tritanopia

169.7100, -13.1680, 70.4143

Trichromacy



Original Color

170.5620, 11.5549, 74.0521



Protanomaly

169.7290, 21.3326, 17.7777



Deuteranomaly

170.4180, 9.6539, 30.3284



Tritanomaly

170.1260, -4.0061, 71.8035

Monochromacy



Original Color

170.5620, 11.5549, 74.0521



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.2020, 3.8444, 27.0098

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5620, 11.5549, 74.0521 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, 123, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 194)  
}
```

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, 123, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 194) }
```

Border

The CSS property to change the border of an element to YUV 170.5620, 11.5549, 74.0521 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, 123, 194) }
```


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

```
.border{ border-color:rgb(255, 123, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 170.5620, 11.5549, 74.0521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 194) }
```

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

```
.background{ background-color: rgb(255,  
123, 194) }
```

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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