

Converting Colors

YUV(169.7300, 13.4441,
74.7818)

Have a look what the booklet for
YUV(169.7300, 13.4441, 74.7818)
contains.

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Color

**YUV(169.7300, 13.4441,
74.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79C5
RGB	255, 121, 197
RGB Percent	100%, 47%, 77%
CMY	0.0000, 0.5255, 0.2275
CMYK	0.00, 0.53, 0.23, 0.00
HSL	326°, 100%, 74%
HSV	326°, 53%, 100%
XYZ	58.1554, 38.9660, 57.2794
YIQ	169.7300, 55.4680, 52.0440

Conversions

Conversions Part 2

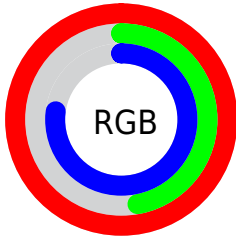
Format	Color
R_{YB}	255, 121, 197
Decimal	16742853
CIE _{Lab}	68.73, 59.28, -15.37
CIE _{LCh}	69, 61.237, 345.462
Yxy	38.9660, 0.3767, 0.2524
Android (android.graphics.Color)	4294932933 (0xFFFF79C5)
YUV	169.7300, 13.4441, 74.7818
Hunter-Lab	62.4227, 57.0577, -10.7089

Details

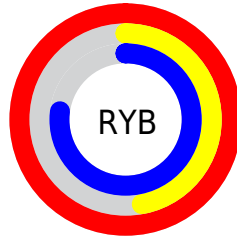
The YUV color **169.7300, 13.4441, 74.7818** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **206.2700, -13.4441, -74.7818**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1000, 22.1357, 40.2543**, and **112.7620, 14.9073, 72.1227** is the 20% darker color. If you saturate the color by 10%, you get **153.8010, 15.8741, 88.7515**, and if you desaturate by 10%, it is **186.2460, 10.7247, 60.2973**.

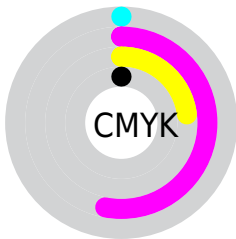
Distribution



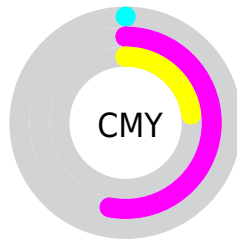
- Red (100%)
- Green (47%)
- Blue (77%)



- Red (100%)
- Yellow (47%)
- Blue (77%)



- Cyan (0%)
- Magenta (53%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 169.7300, 13.4441, 74.7818 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 169.7300, 13.4441, 74.7818 by changing the saturation by 10% instead.


 169.7300, 13.4441,
74.7818


 169.7300, 13.4441,
74.7818


255.0000, 0.0000,
0.0000

 141.2460, 14.1757,
73.4523


 209.1000, 22.1357,
40.2543


 112.7620, 14.9073,
72.1227


 226.2370, 14.1802,
25.2252

 82.4570, 17.5227,
73.2672

 243.2600, 5.7878,
10.2960

 51.8640, 20.2800,
75.5413

 40.7560, 13.9243,
60.7270

 29.8760, 8.4421,
45.7127

 20.0070, 2.9545,

32.4429

■ 6.8770, -3.3904,
14.1399

■ 0.0000, 0.0000,
0.0000

■ 169.7300, 13.4441,
74.7818

■ 169.7300, 13.4441,
74.7818

■ 153.8010, 15.8741,
88.7515

■ 186.2460, 10.7247,
60.2973

■ 137.2850, 18.5935,
103.2361

■ 202.1750, 8.2947,
46.3275

■ 120.7690, 21.3129,
117.7206

■ 218.1040, 5.8647,
32.3578

■ 104.8400, 23.7429,
131.6903

■ 234.6200, 3.1453,
17.8733

■ 92.7750, 25.7469,
142.2713

■ 251.1360, 0.4260,
3.3887

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.



172.7040, 36.1349, 30.0776



169.7300, 13.4441, 74.7818



161.5850, -10.1484, 81.9250

Triad

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



169.7300, 13.4441, 74.7818



158.7820, -53.1365, 9.8382



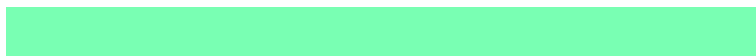
140.0470, 51.7418, -122.8212

Complementary

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



169.7300, 13.4441, 74.7818



206.2700, -13.4441, -74.7818

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.



136.8090, 29.1812, -119.9815



169.7300, 13.4441, 74.7818



150.9790, -32.0346, -38.5696

Square

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



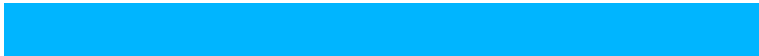
169.7300, 13.4441, 74.7818



163.0350, -53.2613, 49.9583



129.0230, 4.4257, -113.1532



135.3170, 59.0037, -118.6730

Rectangle

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



169.7300, 13.4441, 74.7818



162.8780, -28.0409, 80.7910



129.0230, 4.4257, -113.1532



139.6250, 45.0479, -122.4511

Sweetspot

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



169.7300, 13.4441, 74.7818



228.8810, 4.0027, 22.9064



153.0200, 50.2761, 21.0305



112.0710, 2.4300, 13.9697



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.



169.7300, 13.4441, 74.7818



152.5130, 16.0161, 89.8811



162.3200, -14.9478, 81.2804



119.6850, 1.1413, 7.2923



69.4210, 19.0194, 106.6248



23.2400, 6.2907, 35.7465

Inverse Universe

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



169.7300, 13.4441, 74.7818



152.5130, 16.0161, 89.8811



213.6800, 14.9478, -81.2804



119.6850, 1.1413, 7.2923



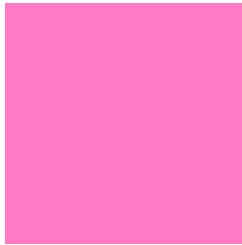
69.4210, 19.0194, 106.6248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 169.7300, 13.4441, 74.7818 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 169.7300, 13.4441, 74.7818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

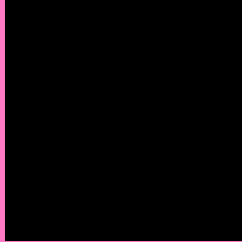
Any Text WCAG AA ✓ Pass

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 169.7300, 13.4441, 74.7818 Background



This preview shows how black text looks on a background with the YUV color 169.7300, 13.4441, 74.7818.



This preview shows how white text looks on a background with the YUV color 169.7300, 13.4441,

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

169.7300, 13.4441, 74.7818

Protanopia

168.2840, 29.4400, -16.0351

Deuteranopia

169.9540, 9.8827, 3.5483



Tritanopia

169.0090, -13.3154, 71.0291

Trichromacy



Original Color

169.7300, 13.4441, 74.7818



Protanomaly

169.0000, 23.6640, 16.6630



Deuteranomaly

169.5750, 11.5485, 29.3137



Tritanomaly

169.5390, -3.7167, 72.3183

Monochromacy



Original Color

169.7300, 13.4441, 74.7818



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.8430, 5.0074, 27.3247

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7300, 13.4441, 74.7818 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, 121, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 197)  
}
```

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, 121, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 197) }
```

Border

The CSS property to change the border of an element to YUV 169.7300, 13.4441, 74.7818 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, 121, 197) }
```


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

```
.border{ border-color:rgb(255, 121, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 121, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 169.7300, 13.4441, 74.7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 197) }
```

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

```
.background{ background-color: rgb(255,  
121, 197) }
```

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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