

Converting Colors

YUV(146.7570, 19.3468,
94.9291)

Have a look what the booklet for
YUV(146.7570, 19.3468, 94.9291)
contains.

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Color

**YUV(146.7570, 19.3468,
94.9291)**

Conversions

Conversions Part 1

Format	Color
Hex	FF54BA
RGB	255, 84, 186
RGB Percent	100%, 33%, 73%
CMY	0.0000, 0.6706, 0.2706
CMYK	0.00, 0.67, 0.27, 0.00
HSL	324°, 100%, 66%
HSV	324°, 67%, 100%
XYZ	53.2733, 31.1458, 49.6583
YIQ	146.7570, 69.1740, 67.9740

Conversions

Conversions Part 2

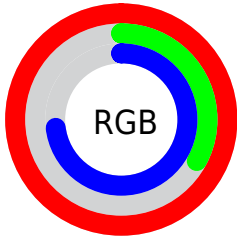
Format	Color
R _Y B	255, 84, 186
Decimal	16733370
CIE Lab	62.63, 73.32, -18.38
CIE LCh	63, 75.593, 345.929
Yxy	31.1458, 0.3973, 0.2323
Android (android.graphics.Color)	4294923450 (0xFFFF54BA)
YUV	146.7570, 19.3468, 94.9291
Hunter-Lab	55.8084, 72.7266, -13.6903

Details

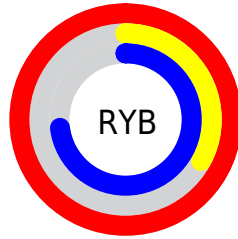
The YUV color **146.7570, 19.3468, 94.9291** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **192.2430, -19.3468, -94.9291**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3610, 26.4440, 58.4424**, and **73.1680, 29.4972, 105.9697** is the 20% darker color. If you saturate the color by 10%, you get **130.3550, 22.5030, 109.3137**, and if you desaturate by 10%, it is **162.5720, 16.4800, 81.0594**.

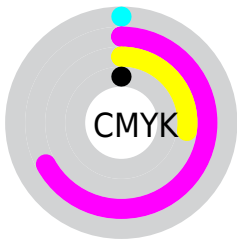
Distribution



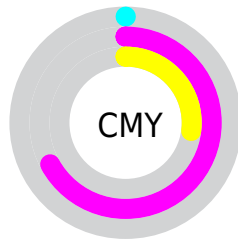
- Red (100%)
- Green (33%)
- Blue (73%)



- Red (100%)
- Yellow (33%)
- Blue (73%)



- Cyan (0%)
- Magenta (67%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7570, 19.3468, 94.9291 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 146.7570, 19.3468, 94.9291 by changing the saturation by 10% instead.


 146.7570, 19.3468,
94.9291


 146.7570, 19.3468,
94.9291


255.0000, 0.0000,
0.0000


 114.4520, 21.9622,
96.0736


 188.3610, 26.4440,
58.4424

 73.1680, 29.4972,
105.9697


 206.8660, 23.7301,
42.2135

 61.2340, 22.5626,
90.1258

 224.4760, 15.0483,
26.7695

 49.8270, 16.3543,
74.6967

 242.0860, 6.3666,
11.3256

 38.5340, 10.5827,
59.1677

 27.6540, 5.1006,
44.1534

 16.3610, -0.6710,

28.6244

■ 0.0000, 0.0000,
0.0000

■ 146.7570, 19.3468,
94.9291

■ 146.7570, 19.3468,
94.9291

■ 130.3550, 22.5030,
109.3137

■ 162.5720, 16.4800,
81.0594

■ 114.4260, 24.9330,
123.2834

■ 179.0880, 13.7606,
66.5748

■ 98.6110, 27.7998,
137.1532

■ 195.4900, 10.6044,
52.1903

■ 93.5730, 28.8045,
141.5715

■ 211.3050, 7.7376,
38.3205

■ 227.1200, 4.8708,
24.4508

243.6360, 2.1515,
9.9662

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.



155.3380, 44.6964, 37.4146



146.7570, 19.3468, 94.9291



136.1840, -8.4717, 104.2016

Triad

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



146.7570, 19.3468, 94.9291



137.5850, -67.8294, 9.1340



133.2310, 56.0881, -116.8436

Complementary

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



146.7570, 19.3468, 94.9291



192.2430, -19.3468, -94.9291

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.



128.0380, 28.5753, -112.2893



146.7570, 19.3468, 94.9291



126.0450, -38.9692, -54.4135

Square

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



146.7570, 19.3468, 94.9291



142.6110, -70.3072, 57.3462



118.8840, -1.4218, -104.2613



127.6860, 62.7658, -111.9806

Rectangle

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



146.7570, 19.3468, 94.9291



141.2610, -32.1737, 99.7491



118.8840, -1.4218, -104.2613



132.3530, 47.6470, -116.0736

Sweetspot

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



146.7570, 19.3468, 94.9291



222.6690, 5.5862, 28.3543



123.8260, 64.6688, 24.7086



108.3210, 3.2927, 17.2585



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.



146.7570, 19.3468, 94.9291



125.9040, 23.2183, 113.2172



137.0670, -17.7810, 103.4272



119.6850, 1.1413, 7.2923



70.1050, 21.6402, 106.0249



23.4680, 7.1643, 35.5466

Inverse Universe

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



146.7570, 19.3468, 94.9291



125.9040, 23.2183, 113.2172



201.9330, 17.7810, -103.4272



119.6850, 1.1413, 7.2923



70.1050, 21.6402, 106.0249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 146.7570, 19.3468, 94.9291 looks on a white background.

Color Contrast Check

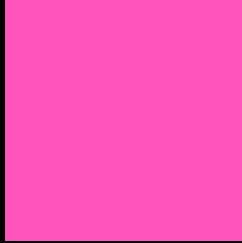
Large Text (above 18pt) WCAG AA × Fail

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 146.7570, 19.3468, 94.9291 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 146.7570, 19.3468, 94.9291

Background



This preview shows how black text looks on a background with the YUV color 146.7570, 19.3468, 94.9291.



This preview shows how white text looks on a background with the YUV color 146.7570, 19.3468, 94.9291.

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

146.7570, 19.3468, 94.9291

Protanopia

150.3180, 41.2552, -25.7119

Deuteranopia

153.1000, 11.7827, 0.7893



Tritanopia

148.0390, -18.7532, 88.5428

Trichromacy



Original Color

146.7570, 19.3468, 94.9291



Protanomaly

148.9430, 33.5521, 18.4670



Deuteranomaly

151.0040, 14.2950, 35.0765



Tritanomaly

147.7200, -4.7920, 90.5766

Monochromacy



Original Color

146.7570, 19.3468, 94.9291



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.7560, 7.0223, 34.4170

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7570, 19.3468, 94.9291 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, 84, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 186)  
}
```

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, 84, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 186) }
```

Border

The CSS property to change the border of an element to YUV 146.7570, 19.3468, 94.9291 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, 84, 186) }
```


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

```
.border{ border-color:rgb(255, 84, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 84, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 146.7570, 19.3468, 94.9291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 186) }
```

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

```
.background{ background-color: rgb(255, 84,  
186) }
```

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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