

Converting Colors

YUV(146.1070, -8.4338,
91.9912)

Have a look what the booklet for
YUV(146.1070, -8.4338, 91.9912)
contains.

YUV(146.1070, -8.4338, 91.9912)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(146.1070, -8.4338,
91.9912)**

Conversions

Conversions Part 1

Format	Color
Hex	FB6081
RGB	251, 96, 129
RGB Percent	98%, 38%, 51%
CMY	0.0157, 0.6235, 0.4941
CMYK	0.00, 0.62, 0.49, 0.02
HSL	347°, 95%, 68%
HSV	347°, 62%, 98%
XYZ	47.9290, 30.4600, 24.1221
YIQ	146.1070, 81.7870, 43.1230

Conversions

Conversions Part 2

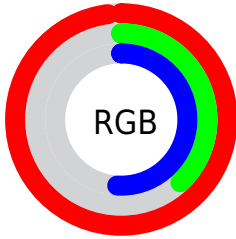
Format	Color
R_{YB}	251, 96, 129
Decimal	16474241
CIE Lab	62.05, 61.56, 13.55
CIE LCh	62, 63.031, 12.414
Yxy	30.4600, 0.4675, 0.2971
Android (android.graphics.Color)	4294664321 (0xFFFB6081)
YUV	146.1070, -8.4338, 91.9912
Hunter-Lab	55.1905, 58.4309, 12.7195

Details

The YUV color **146.1070, -8.4338, 91.9912** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **200.8930, 8.4338, -91.9912**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8040, -2.3684, 59.8079**, and **85.0020, -2.4660, 91.2062** is the 20% darker color. If you saturate the color by 10%, you get **129.1520, -9.9349, 106.8607**, and if you desaturate by 10%, it is **163.0620, -6.9326, 77.1216**.

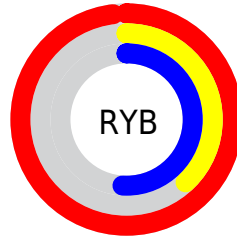
Distribution



Red (98%)

Green (38%)

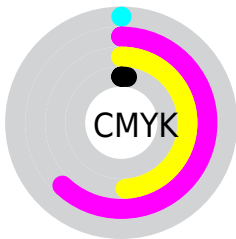
Blue (51%)



Red (98%)

Yellow (38%)

Blue (51%)

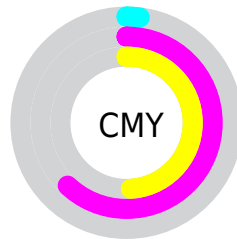


Cyan (0%)

Magenta (62%)

Yellow (49%)

Black (2%)



Cyan (2%)


Magenta (62%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.1070, -8.4338, 91.9912 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 146.1070, -8.4338, 91.9912 by changing the saturation by 10% instead.


 146.1070, -8.4338,
91.9912

 146.1070, -8.4338,
91.9912

255.0000, 0.0000,
0.0000

 116.9650, -6.3917,
90.3617


 186.8040, -2.3684,
59.8079


 85.0020, -2.4660,
91.2062


 206.9050, 1.0328,
42.1793


 54.0390, 1.4598,
92.0508

 227.1200, 4.8708,
24.4508

 42.6750, -3.2908,
75.7070

 246.1950, 4.3409,
7.7220

 31.4250, -7.6045,
59.2633

 21.4570, -9.5923,
43.4492

 12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,
0.0000

■ 146.1070, -8.4338,
91.9912

■ 146.1070, -8.4338,
91.9912

■ 129.1520, -9.9349,
106.8607

■ 163.0620, -6.9326,
77.1216

■ 112.1970,
-11.4361, 121.7302

■ 180.0170, -5.4314,
62.2521

■ 95.3560, -12.5005,
136.4998

■ 196.8580, -4.3670,
47.4825

■ 81.0910, -13.8489,
149.0102

■ 213.8130, -2.8658,
32.6130

■ 230.7680, -1.3646,
17.7435

248.3100, -0.1528,
2.3591

253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



150.9300, 16.7965, 72.8524



146.1070, -8.4338, 91.9912



145.9830, -34.0086, 81.5759

Triad

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



146.1070, -8.4338, 91.9912



133.0890, -35.5399, -34.2811



125.9250, 63.6340, -110.4362

Complementary

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



146.1070, -8.4338, 91.9912



200.8930, 8.4338, -91.9912

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.



127.6740, 47.4887, -111.9701



146.1070, -8.4338, 91.9912



115.1340, -0.5591, -100.9725

Square

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



146.1070, -8.4338, 91.9912



140.1370, -58.2415, 13.9119



122.9200, 24.1964, -107.8008



139.2680, 57.0559, -53.7320

Rectangle

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



146.1070, -8.4338, 91.9912



145.6760, -48.6473, 63.4281



122.9200, 24.1964, -107.8008



127.5890, 59.8556, -111.8956

Sweetspot

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



146.1070, -8.4338, 91.9912



222.4920, -2.7076, 28.5095



149.8490, 49.8674, 58.8914



107.6540, -1.8014, 17.8434



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.



146.1070, -8.4338, 91.9912



127.0710, -10.3880, 112.1937



168.1730, -35.5813, 72.6393



116.2290, -0.6059, 7.6922



61.0710, -10.3880, 112.1937



19.7210, -3.3135, 36.2017

Inverse Universe

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



146.1070, -8.4338, 91.9912



127.0710, -10.3880, 112.1937



178.8270, 35.5813, -72.6393



116.2290, -0.6059, 7.6922



61.0710, -10.3880, 112.1937



19.7210, -3.3135, 36.2017

Previews

White Background



This preview shows how the YUV color 146.1070, -8.4338, 91.9912 looks on a white background.

Color Contrast Check

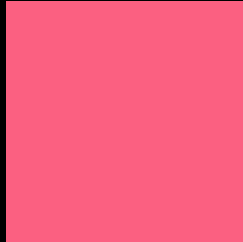
Large Text (above 18pt) WCAG AA × Fail

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 146.1070, -8.4338, 91.9912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

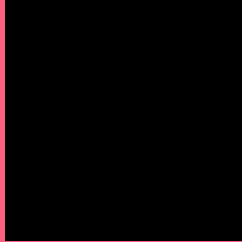
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.1070, -8.4338, 91.9912

Background



This preview shows how black text looks on a background with the YUV color 146.1070, -8.4338, 91.9912.



This preview shows how white text looks on a background with the YUV color 146.1070, -8.4338,

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

146.1070, -8.4338, 91.9912

Protanopia

150.5100, 3.1996, 0.4297

Deuteranopia

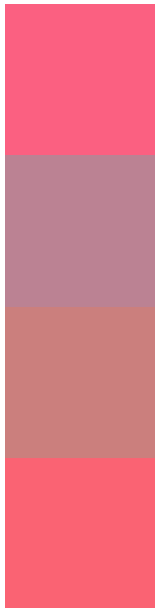
150.7610, -14.1792, 21.2576



Tritanopia

145.6480, -19.0535, 91.5167

Trichromacy



Original Color

146.1070, -8.4338, 91.9912

Protanomaly

148.9810, -0.9766, 33.3427

Deuteranomaly

149.4960, -12.0765, 46.9230

Tritanomaly

145.9730, -15.2697, 91.2317

Monochromacy



Original Color

146.1070, -8.4338, 91.9912

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1120, -3.0132, 33.2278

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.1070, -8.4338, 91.9912 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(251, 96, 129)` looks like.

```
.text, #text, p{  
    color:rgb(251, 96, 129)  
}
```

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(251, 96, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 96, 129) }
```

Border

The CSS property to change the border of an element to YUV 146.1070, -8.4338, 91.9912 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(251, 96, 129) }
```


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

```
.border{ border-color:rgb(251, 96, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 96, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 96, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 96, 129);  
box-shadow:4px 4px 4px 4px rgb(251, 96,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 146.1070, -8.4338, 91.9912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 96, 129) }
```

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

```
.background{ background-color: rgb(251, 96,  
129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor