

Converting Colors

YUV(131.1750, 5.3367,
108.5945)

Have a look what the booklet for
YUV(131.1750, 5.3367, 108.5945)
contains.

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Color

**YUV(131.1750, 5.3367,
108.5945)**

Conversions

Conversions Part 1

Format	Color
Hex	FF428E
RGB	255, 66, 142
RGB Percent	100%, 26%, 56%
CMY	0.0000, 0.7412, 0.4431
CMYK	0.00, 0.74, 0.44, 0.00
HSL	336°, 100%, 63%
HSV	336°, 74%, 100%
XYZ	48.0707, 27.1094, 28.2902
YIQ	131.1750, 88.2480, 63.7040

Conversions

Conversions Part 2

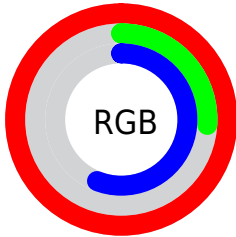
Format	Color
RYB	255, 66, 142
Decimal	16728718
CIELab	59.08, 74.77, 1.82
CIElCh	59, 74.789, 1.394
Yxy	27.1094, 0.4646, 0.2620
Android (android.graphics.Color)	4294918798 (0xFFFF428E)
YUV	131.1750, 5.3367, 108.5945
Hunter-Lab	52.0667, 73.6838, 4.2317

Details

The YUV color **131.1750, 5.3367, 108.5945** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **189.8250, -5.3367, -108.5945**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1980, 10.2554, 70.8634**, and **67.8960, 11.8833, 108.8392** is the 20% darker color. If you saturate the color by 10%, you get **114.2030, 6.3089, 123.4790**, and if you desaturate by 10%, it is **147.5600, 4.6539, 94.2249**.

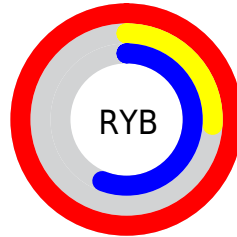
Distribution



Red (100%)

Green (26%)

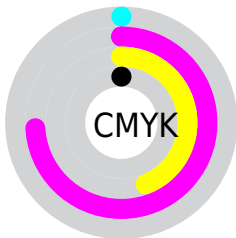
Blue (56%)



Red (100%)

Yellow (26%)

Blue (56%)

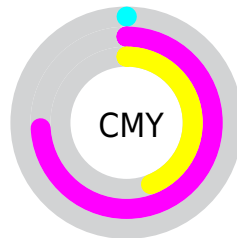


Cyan (0%)

Magenta (74%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.1750, 5.3367, 108.5945 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 131.1750, 5.3367, 108.5945 by changing the saturation by 10% instead.


 131.1750, 5.3367,
108.5945


 131.1750, 5.3367,
108.5945

255.0000, 0.0000,
0.0000


 93.8150, 11.4302,
114.1722

 174.1980, 10.2554,
70.8634


 67.8960, 11.8833,
108.8392


 194.4130, 14.0934,
53.1348


 56.3040, 6.2591,
92.6954


 215.3290, 18.0788,
34.7915

 44.5270, 1.2192,
75.8368

 233.2810, 10.7075,
19.0476

 33.2770, -3.0946,
59.3931

 250.8910, 2.0257,
3.6036

 22.2830, -9.0135,
44.4788

 12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 131.1750, 5.3367,
108.5945

■ 131.1750, 5.3367,
108.5945

■ 114.2030, 6.3089,
123.4790

■ 147.5600, 4.6539,
94.2249

■ 97.8180, 6.9917,
137.8486

■ 164.5320, 3.6817,
79.3404


■ 87.9870, 7.4014,
146.4704

■ 181.6180, 3.1463,
64.3560

■ 198.0030, 2.4635,
49.9864

■ 214.9750, 1.4913,
35.1019

 231.3600, 0.8085,
20.7323

 247.8590, 0.5625,
6.2627

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.



142.1050, 31.5002, 70.0679



131.1750, 5.3367, 108.5945



132.0750, -26.6590, 104.2972

Triad

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



131.1750, 5.3367, 108.5945



123.2440, -60.7593, -18.6310



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.



131.1750, 5.3367, 108.5945



189.8250, -5.3367, -108.5945

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.



124.2030, 41.8049, -108.9260



131.1750, 5.3367, 108.5945



106.5790, -15.5684, -93.4698

Square

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



131.1750, 5.3367, 108.5945



132.4120, -65.2791, 31.2107



116.6790, 12.9763, -102.3275



116.5330, 68.2642, -102.1994

Rectangle

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



131.1750, 5.3367, 108.5945



133.9330, -48.2810, 86.0048



116.6790, 12.9763, -102.3275



126.4320, 57.9610, -110.8809

Sweetspot

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



131.1750, 5.3367, 108.5945



218.2520, 1.3548, 32.2280



120.4360, 66.3401, 48.7296



105.7620, 1.1033, 19.5027



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.



131.1750, 5.3367, 108.5945



106.2470, 6.2872, 130.4564



131.9030, -32.4902, 107.9561



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463

Inverse Universe

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



131.1750, 5.3367, 108.5945



106.2470, 6.2872, 130.4564



189.0970, 32.4902, -107.9561



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 131.1750, 5.3367, 108.5945 looks on a white background.

Color Contrast Check

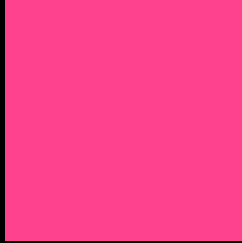
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.1750, 5.3367, 108.5945 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 × Fail

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

YUV 131.1750, 5.3367, 108.5945

Background



This preview shows how black text looks on a background with the YUV color 131.1750, 5.3367, 108.5945.



This preview shows how white text looks on a background with the YUV color 131.1750, 5.3367,

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

131.1750, 5.3367, 108.5945

Protanopia

142.9550, 21.7142, -11.3615

Deuteranopia

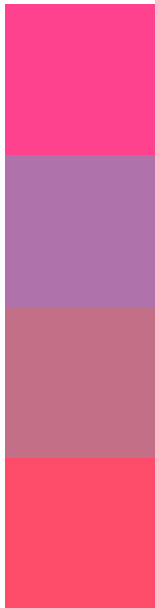
143.4210, -5.1376, 14.5398



Tritanopia

132.5850, -23.4594, 104.7270

Trichromacy



Original Color

131.1750, 5.3367, 108.5945

Protanomaly

138.7370, 15.9057, 31.8027

Deuteranomaly

138.9660, -1.4622, 49.1418

Tritanomaly

132.3430, -12.9871, 105.8162

Monochromacy



Original Color

131.1750, 5.3367, 108.5945

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.8230, 2.0593, 39.6202

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.1750, 5.3367, 108.5945 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, 66, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 142)  
}
```

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, 66, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 142) }
```

Border

The CSS property to change the border of an element to YUV 131.1750, 5.3367, 108.5945 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, 66, 142) }
```


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

```
.border{ border-color:rgb(255, 66, 142) }
```

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

Here you see how a box with a 4 pixel rgb(255, 66, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 131.1750, 5.3367, 108.5945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 142) }
```

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

```
.background{ background-color: rgb(255, 66,  
142) }
```

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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