

Converting Colors

YUV(142.3570, 12.6420,
98.7879)

Have a look what the booklet for
YUV(142.3570, 12.6420, 98.7879)
contains.

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Color

**YUV(142.3570, 12.6420,
98.7879)**

Conversions

Conversions Part 1

Format	Color
Hex	FF50A8
RGB	255, 80, 168
RGB Percent	100%, 31%, 66%
CMY	0.0000, 0.6863, 0.3412
CMYK	0.00, 0.69, 0.34, 0.00
HSL	330°, 100%, 66%
HSV	330°, 69%, 100%
XYZ	51.1765, 29.8245, 40.1052
YIQ	142.3570, 76.0520, 64.4680

Conversions

Conversions Part 2

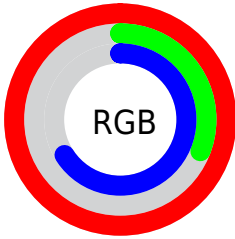
Format	Color
R _{YB}	255, 80, 168
Decimal	16732328
CIE Lab	61.50, 72.71, -9.74
CIE LCh	62, 73.356, 352.370
Yxy	29.8245, 0.4226, 0.2463
Android (android.graphics.Color)	4294922408 (0xFFFF50A8)
YUV	142.3570, 12.6420, 98.7879
Hunter-Lab	54.6118, 71.7012, -5.3125

Details

The YUV color **142.3570, 12.6420, 98.7879** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **192.6430, -12.6420, -98.7879**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8470, 19.3024, 62.4012**, and **71.2300, 22.0716, 107.6693** is the 20% darker color. If you saturate the color by 10%, you get **126.2000, 14.1984, 112.9576**, and if you desaturate by 10%, it is **159.1010, 10.7962, 84.1034**.

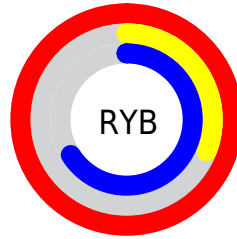
Distribution



Red (100%)

Green (31%)

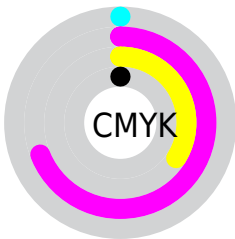
Blue (66%)



Red (100%)

Yellow (31%)

Blue (66%)

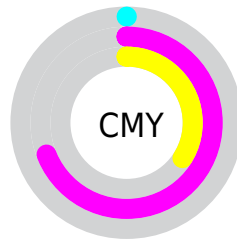


Cyan (0%)

Magenta (69%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.3570, 12.6420, 98.7879 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 142.3570, 12.6420, 98.7879 by changing the saturation by 10% instead.


 142.3570, 12.6420,
98.7879


 142.3570, 12.6420,
98.7879


255.0000, 0.0000,
0.0000


 109.5790, 15.9836,
100.3472


 183.8470, 19.3024,
62.4012

 71.2300, 22.0716,
107.6693

 204.7630, 23.2878,
44.0578

 59.1110, 15.7213,
91.1107

 222.1280, 16.2059,
28.8287

 47.8180, 9.9497,
75.5816

 239.7380, 7.5242,
13.3848

 36.3400, 4.7624,
59.3378

 25.9870, 0.0064,
44.7384

 14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 142.3570, 12.6420,
98.7879

■ 142.3570, 12.6420,
98.7879

■ 126.2000, 14.1984,
112.9576

■ 159.1010, 10.7962,
84.1034

■ 109.5700, 16.4810,
127.5421

■ 175.1440, 8.8030,
70.0337

■ 93.4130, 18.0374,
141.7118

■ 191.8880, 6.9572,
55.3492

■ 90.8370, 18.3214,
143.9710

■ 208.0450, 5.4008,
41.1795

■ 224.6750, 3.1182,
26.5950

240.8320, 1.5618,
12.4253

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.



151.7050, 38.1064, 51.1247



142.3570, 12.6420, 98.7879



137.2950, -16.9074, 103.2273

Triad

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



142.3570, 12.6420, 98.7879



133.3880, -65.7603, -1.2173



130.7520, 59.2823, -114.6695

Complementary

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



142.3570, 12.6420, 98.7879



192.6430, -12.6420, -98.7879

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.



126.8300, 34.1008, -111.2299



142.3570, 12.6420, 98.7879



115.8170, -26.5318, -77.0155

Square

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



142.3570, 12.6420, 98.7879



139.5880, -68.8169, 45.9653



118.6050, 5.1247, -104.0166



123.5770, 64.7915, -108.3770

Rectangle

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



142.3570, 12.6420, 98.7879



141.5070, -38.7040, 94.2714



118.6050, 5.1247, -104.0166



130.1020, 51.7147, -114.0995

Sweetspot

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



142.3570, 12.6420, 98.7879



220.2240, 3.8336, 30.4986



125.3650, 63.9101, 34.7599



107.3920, 2.2717, 18.0732



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.



142.3570, 12.6420, 98.7879



120.4610, 15.0557, 117.9907



132.6670, -24.4858, 107.2860



119.5710, 0.7045, 7.3922



68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Inverse Universe

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



142.3570, 12.6420, 98.7879



120.4610, 15.0557, 117.9907



202.3330, 24.4858, -107.2860



119.5710, 0.7045, 7.3922



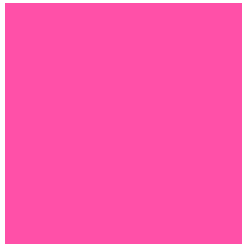
68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 142.3570, 12.6420, 98.7879 looks on a white background.

Color Contrast Check

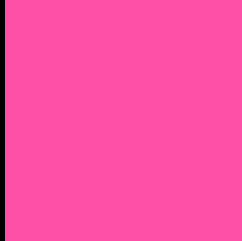
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.3570, 12.6420, 98.7879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

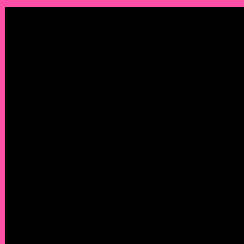
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.3570, 12.6420, 98.7879

Background



This preview shows how black text looks on a background with the YUV color 142.3570, 12.6420, 98.7879.



This preview shows how white text looks on a background with the YUV color 142.3570, 12.6420,

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

142.3570, 12.6420, 98.7879

Protanopia

148.8430, 31.6294, -18.2793

Deuteranopia

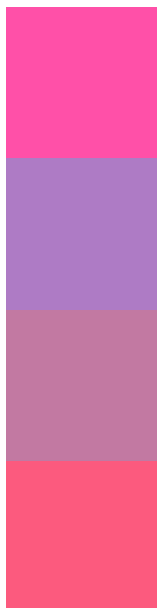
150.1950, 4.3409, 7.7220



Tritanopia

142.7300, -20.0799, 94.0758

Trichromacy



Original Color

142.3570, 12.6420, 98.7879

Protanomaly

146.6850, 24.8053, 23.9553

Deuteranomaly

147.5010, 7.1480, 40.7796

Tritanomaly

142.5420, -8.1552, 95.9947

Monochromacy



Original Color

142.3570, 12.6420, 98.7879

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.7840, 4.5435, 36.1464

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.3570, 12.6420, 98.7879 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, 80, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 80, 168)  
}
```

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, 80, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 80, 168) }
```

Border

The CSS property to change the border of an element to YUV 142.3570, 12.6420, 98.7879 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, 80, 168) }
```


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

```
.border{ border-color:rgb(255, 80, 168) }
```

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

Here you see how a box with a 4 pixel rgb(255, 80, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 80, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 80, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 80,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 142.3570, 12.6420, 98.7879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 80, 168) }
```

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

```
.background{ background-color: rgb(255, 80,  
168) }
```

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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