

Converting Colors

$Y_{xy}(42.5607, 0.3870, 0.2869)$

Have a look what the booklet for
Yxy(42.5607, 0.3870, 0.2869)
contains.

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Color

Yxy(42.5607, 0.3870, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	FB8CB4
RGB	251, 140, 180
RGB Percent	98%, 55%, 71%
CMY	0.0155, 0.4510, 0.2941
CMYK	0.00, 0.44, 0.28, 0.02
HSL	338°, 93%, 77%
HSV	338°, 44%, 98%
XYZ	57.4102, 42.5607, 48.3759
YIQ	177.7490, 53.3160, 35.9720

Conversions

Conversions Part 2

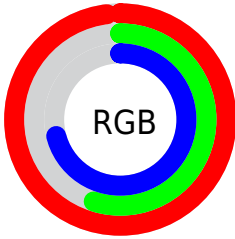
Format	Color
R _Y B	251, 140, 180
Decimal	16485556
CIE Lab	71.26, 46.55, -2.17
CIE LCh	71, 46.604, 357.331
Yxy	42.5607, 0.3870, 0.2869
Android (android.graphics.Color)	4294675636 (0xFFFB8CB4)
YUV	177.7490, 1.1097, 64.2411
Hunter-Lab	65.2386, 42.9133, 1.7021

Details

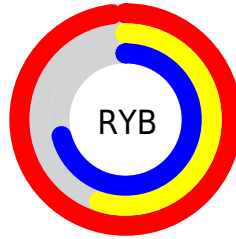
The Yxy color **42.5607, 0.3870, 0.2869** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.2935, 0.2714, 0.3770**, and the grayscale version is **44.3545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7960, 0.3293, 0.2890**, and **19.5552, 0.4089, 0.2760** is the 20% darker color. If you saturate the color by 10%, you get **35.4286, 0.4136, 0.2785**, and if you desaturate by 10%, it is **51.4459, 0.3644, 0.2964**.

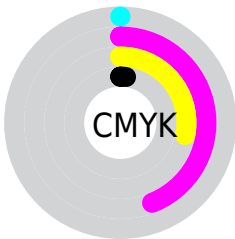
Distribution



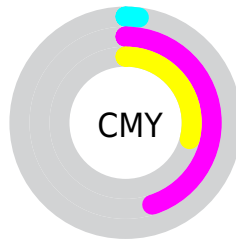
- Red (98%)
- Green (55%)
- Blue (71%)



- Red (98%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (44%)
- Yellow (28%)
- Black (2%)




- Cyan (2%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5607, 0.3870, 0.2869 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 Yxy color 42.5607, 0.3870, 0.2869 by changing the saturation by 10% instead.

 42.5607, 0.3870,
0.2869

 42.5607, 0.3870,
0.2869


356.8020, 0.3495,
0.3080


 29.5406, 0.3964,
0.2817

 79.0475, 0.3733,
0.2945

 19.4901, 0.4085,
0.2750


 103.2830, 0.3682,
0.2974

 12.0250, 0.4247,
0.2661


 132.0258, 0.3639,
0.2998

 6.7607, 0.4473,
0.2538

165.6601, 0.3602,
0.3019

 3.3129, 0.4808,
0.2357

204.5706, 0.3570,
0.3037

 1.2972, 0.5352,
0.2069

249.1414, 0.3542,

 0.1390, 0.7526,

0.3053

0.0778

299.7571, 0.3517,
0.3067

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.5607, 0.3870,
0.2869

42.5607, 0.3870,
0.2869

35.4286, 0.4136,
0.2785

51.4459, 0.3644,
0.2964

29.9254, 0.4439,
0.2723

62.1847, 0.3456,
0.3063

25.9207, 0.4768,
0.2697

74.8775, 0.3300,
0.3160

23.2606, 0.5104,
0.2718

89.6157, 0.3174,
0.3253

■ 21.7575, 0.5418,
0.2791

■ 99.2557, 0.3103,
0.3290

■ 21.2622, 0.5584,
0.2850

Harmonies

Analogous

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



42.5607, 0.3191, 0.2493



42.5607, 0.3870, 0.2869



42.5607, 0.4352, 0.3347

Triad

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



42.5607, 0.3870, 0.2869



42.5607, 0.3605, 0.4521



42.5607, 0.1953, 0.2529

Complementary

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



42.5607, 0.3870, 0.2869



79.2935, 0.2714, 0.3770

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.



42.5607, 0.2035, 0.3037



42.5607, 0.3870, 0.2869



42.5607, 0.2954, 0.4326

Square

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



42.5607, 0.3870, 0.2869



42.5607, 0.4158, 0.4300



42.5607, 0.2384, 0.3729



42.5607, 0.2133, 0.2284

Rectangle

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



42.5607, 0.3870, 0.2869



42.5607, 0.4464, 0.3687



42.5607, 0.2384, 0.3729



42.5607, 0.1950, 0.2670

Sweetspot

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



42.5628, 0.3870, 0.2869



79.3519, 0.3283, 0.3172



39.4665, 0.2828, 0.2088



16.3120, 0.3314, 0.3151



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.5628, 0.3870, 0.2869



37.5052, 0.4102, 0.2794



45.7815, 0.4237, 0.3451



17.3286, 0.3237, 0.3205



11.1981, 0.5540, 0.2826



1.0566, 0.5212, 0.2645

Inverse Universe

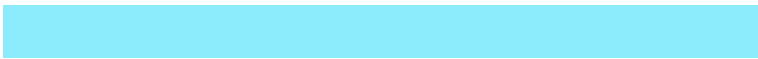
The Inverse Universe completely reimagines the original color for something new.



42.5628, 0.3870, 0.2869



37.5052, 0.4102, 0.2794



72.6634, 0.2500, 0.3116



17.3286, 0.3237, 0.3205



11.1981, 0.5540, 0.2826



1.0566, 0.5212, 0.2645

Previews

White Background



This preview shows how the Yxy color 42.5607, 0.3870, 0.2869 looks on a white background.

Color Contrast Check

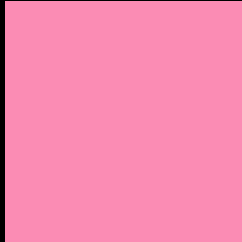
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.5607, 0.3870, 0.2869 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](#).

Yxy 42.5607, 0.3870, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 42.5607, 0.3870, 0.2869.



This preview shows how white text looks on a background with the Yxy color 42.5607, 0.3870, 0.2869.

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

42.5607, 0.3870, 0.2869

Protanopia

43.0352, 0.2882, 0.2935

Deuteranopia

42.6775, 0.3287, 0.3213



Tritanopia

42.4528, 0.4110, 0.3175

Trichromacy



Original Color

42.5607, 0.3870, 0.2869



Protanomaly

41.8330, 0.3201, 0.2904



Deuteranomaly

41.7742, 0.3487, 0.3060



Tritanomaly

42.6493, 0.4025, 0.3068

Monochromacy



Original Color

42.5607, 0.3870, 0.2869



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.7847, 0.3380, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5607, 0.3870, 0.2869 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, 140, 180)` looks like.

```
.text, #text, p{  
    color:rgb(251, 140, 180)  
}
```

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, 140, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 140, 180) }
```

Border

The CSS property to change the border of an element to Yxy 42.5607, 0.3870, 0.2869 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, 140, 180) }
```

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

```
.border{ border-color:rgb(251, 140, 180) }
```

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

Here you see how a box with a 4 pixel rgb(251, 140, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 140, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 140, 180);  
box-shadow:4px 4px 4px 4px rgb(251, 140,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5607, 0.3870, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 140, 180) }
```

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

```
.background{ background-color: rgb(251,  
140, 180) }
```

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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