

Converting Colors

$Y_{xy}(42.7180, 0.3999, 0.3041)$

Have a look what the booklet for
Yxy(42.7180, 0.3999, 0.3041)
contains.

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Color

Yxy(42.7221, 0.4003, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	FA8FA6
RGB	250, 143, 166
RGB Percent	98%, 56%, 65%
CMY	0.0197, 0.4392, 0.3490
CMYK	0.00, 0.43, 0.34, 0.02
HSL	347°, 91%, 77%
HSV	347°, 43%, 98%
XYZ	56.1262, 42.7221, 41.3621
YIQ	177.6150, 56.3890, 29.8370

Conversions

Conversions Part 2

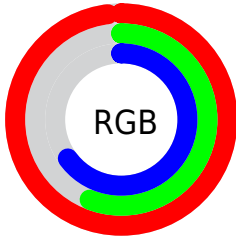
Format	Color
R _Y B	250, 143, 166
Decimal	16420774
CIE Lab	71.37, 42.90, 5.78
CIE LCh	71, 43.292, 7.677
Yxy	42.7221, 0.4003, 0.3047
Android (android.graphics.Color)	4294610854 (0xFFFA8FA6)
YUV	177.6150, -5.7262, 63.4816
Hunter-Lab	65.3621, 38.8935, 8.2340

Details

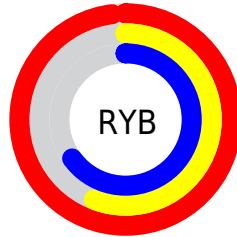
The Yxy color **42.7221, 0.4003, 0.3047** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.7513, 0.2650, 0.3559**, and the grayscale version is **44.3172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8686, 0.3405, 0.3057**, and **19.6036, 0.4270, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **35.3692, 0.4333, 0.2998**, and if you desaturate by 10%, it is **51.8613, 0.3726, 0.3104**.

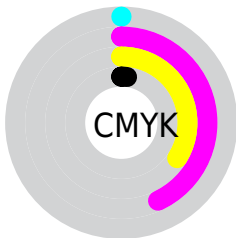
Distribution



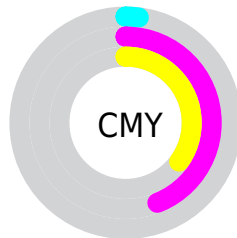
- Red (98%)
- Green (56%)
- Blue (65%)



- Red (98%)
- Yellow (56%)
- Blue (65%)



- Cyan (0%)
- Magenta (43%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7221, 0.4003, 0.3047 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 42.7221, 0.4003, 0.3047 by changing the saturation by 10% instead.


 42.7221, 0.4003,
0.3047

 42.7221, 0.4003,
0.3047

357.4677, 0.3557,
0.3177

 29.6671, 0.4116,
0.3012


 79.2913, 0.3839,
0.3096

 19.5861, 0.4263,
0.2966


 103.5744, 0.3778,
0.3114

 12.0945, 0.4459,
0.2903


132.3689, 0.3727,
0.3129

 6.8081, 0.4734,
0.2811

166.0593, 0.3683,
0.3141

 3.3424, 0.5146,
0.2666

205.0300, 0.3645,
0.3152

 1.3130, 0.5814,
0.2412

249.6654, 0.3612,

 0.1512, 0.8914,

0.3161

0.1086

300.3498, 0.3583,
0.3170

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.7221, 0.4003,
0.3047

42.7221, 0.4003,
0.3047

35.3692, 0.4333,
0.2998

51.8613, 0.3726,
0.3104

29.6791, 0.4712,
0.2966

62.8872, 0.3498,
0.3163

25.5222, 0.5121,
0.2960

75.9002, 0.3313,
0.3221

22.7470, 0.5525,
0.2990

90.9917, 0.3163,
0.3275

■ 21.1707, 0.5875,
0.3058

■ 99.0618, 0.3096,
0.3290

■ 20.5854, 0.6074,
0.3120

Harmonies

Analogous

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



42.7221, 0.3411, 0.2651



42.7221, 0.4003, 0.3047



42.7221, 0.4340, 0.3516

Triad

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



42.7221, 0.4003, 0.3047



42.7221, 0.3371, 0.4413



42.7221, 0.2058, 0.2475

Complementary

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



42.7221, 0.4003, 0.3047



79.7513, 0.2650, 0.3559

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.



42.7221, 0.2050, 0.2871



42.7221, 0.4003, 0.3047



42.7221, 0.2771, 0.4085

Square

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



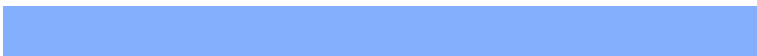
42.7221, 0.4003, 0.3047



42.7221, 0.3935, 0.4337



42.7221, 0.2296, 0.3472



42.7221, 0.2311, 0.2323

Rectangle

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



42.7221, 0.4003, 0.3047



42.7221, 0.4356, 0.3832



42.7221, 0.2296, 0.3472



42.7221, 0.2027, 0.2580

Sweetspot

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



42.7242, 0.4003, 0.3047



79.0785, 0.3317, 0.3220



42.8509, 0.2977, 0.2173



16.2451, 0.3354, 0.3207



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.



42.7242, 0.4003, 0.3047



38.2108, 0.4272, 0.3006



52.3170, 0.4105, 0.3616



17.2862, 0.3260, 0.3239



10.9374, 0.6038, 0.3100



1.0279, 0.5717, 0.2923

Inverse Universe

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



42.7242, 0.4003, 0.3047



38.2108, 0.4272, 0.3006



63.7604, 0.2484, 0.2928



17.2862, 0.3260, 0.3239



10.9374, 0.6038, 0.3100



1.0279, 0.5717, 0.2923

Previews

White Background



This preview shows how the Yxy color 42.7221, 0.4003, 0.3047 looks on a white background.

Color Contrast Check

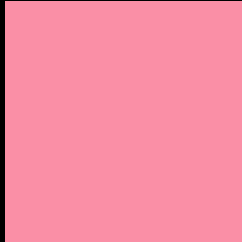
Large Text (above 18pt) WCAG AA × Fail

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 42.7221, 0.4003, 0.3047 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 42.7221, 0.4003, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 42.7221, 0.4003, 0.3047.



This preview shows how white text looks on a background with the Yxy color 42.7221, 0.4003, 0.3047.

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

42.7221, 0.4003, 0.3047

Protanopia

42.9629, 0.3063, 0.3157

Deuteranopia

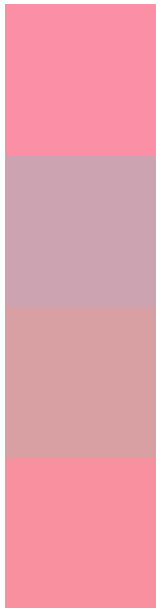
42.8549, 0.3451, 0.3381



Tritanopia

42.7571, 0.4106, 0.3185

Trichromacy



Original Color

42.7221, 0.4003, 0.3047

Protanomaly

42.0652, 0.3381, 0.3115

Deuteranomaly

42.3849, 0.3648, 0.3255

Tritanomaly

42.5895, 0.4066, 0.3132

Monochromacy



Original Color

42.7221, 0.4003, 0.3047

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

42.8036, 0.3415, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7221, 0.4003, 0.3047 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(250, 143, 166)` looks like.

```
.text, #text, p{  
    color:rgb(250, 143, 166)  
}
```

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(250, 143, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 143, 166) }
```

Border

The CSS property to change the border of an element to Yxy 42.7221, 0.4003, 0.3047 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(250, 143, 166) }
```

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

```
.border{ border-color:rgb(250, 143, 166) }
```

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

Here you see how a box with a 4 pixel rgb(250, 143, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 143, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 143, 166);  
box-shadow:4px 4px 4px 4px rgb(250, 143,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7221, 0.4003, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 143, 166) }
```

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

```
.background{ background-color: rgb(250,  
143, 166) }
```

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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