

Converting Colors

$Y_{xy}(47.3425, 0.3916, 0.3102)$

Have a look what the booklet for
Yxy(47.3425, 0.3916, 0.3102)
contains.

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Color

Yxy(47.3425, 0.3916, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	FD9BAD
RGB	253, 155, 173
RGB Percent	99%, 61%, 68%
CMY	0.0079, 0.3921, 0.3217
CMYK	0.00, 0.39, 0.32, 0.01
HSL	349°, 96%, 80%
HSV	349°, 39%, 99%
XYZ	59.7657, 47.3425, 45.5111
YIQ	186.3540, 52.6300, 26.3740

Conversions

Conversions Part 2

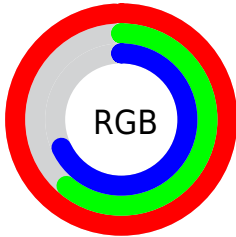
Format	Color
R_{YB}	253, 155, 173
Decimal	16620461
CIE _{Lab}	74.41, 38.67, 6.34
CIE _{LCh}	74, 39.184, 9.310
Yxy	47.3425, 0.3916, 0.3102
Android (android.graphics.Color)	4294810541 (0xFFFD9BAD)
YUV	186.3540, -6.5835, 58.4485
Hunter-Lab	68.8059, 34.6372, 8.9473

Details

The Yxy color **47.3425, 0.3916, 0.3102** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.2099, 0.2672, 0.3494**, and the grayscale version is **49.3285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4500, 0.3336, 0.3120**, and **22.3526, 0.4137, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **39.0480, 0.4239, 0.3057**, and if you desaturate by 10%, it is **57.5291, 0.3648, 0.3152**.

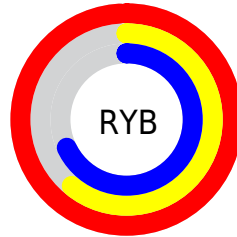
Distribution



Red (99%)

Green (61%)

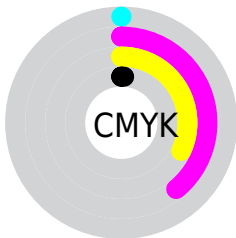
Blue (68%)



Red (99%)

Yellow (61%)

Blue (68%)

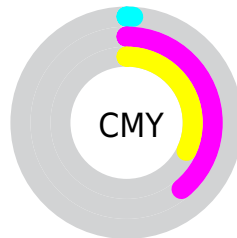


Cyan (0%)

Magenta (39%)

Yellow (32%)

Black (1%)



Cyan (1%)

Magenta (39%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3425, 0.3916, 0.3102 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 47.3425, 0.3916, 0.3102 by changing the saturation by 10% instead.


 47.3425, 0.3916,
0.3102


 47.3425, 0.3916,
0.3102


376.1800, 0.3520,
0.3202

 33.3065, 0.4015,
0.3075


 86.2246, 0.3772,
0.3140

 22.3613, 0.4141,
0.3040


 111.8396, 0.3718,
0.3153

 14.1227, 0.4309,
0.2992


142.0829, 0.3673,
0.3165

 8.2060, 0.4541,
0.2923

177.3391, 0.3633,
0.3175

 4.2271, 0.4883,
0.2815

217.9925, 0.3599,
0.3183

 1.8014, 0.5427,
0.2629

264.4275, 0.3570,

 0.4880, 0.7282,

0.3190

0.2302

317.0286, 0.3544,
0.3196

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.3425, 0.3916,
0.3102

47.3425, 0.3916,
0.3102

39.0480, 0.4239,
0.3057

57.5291, 0.3648,
0.3152

32.5219, 0.4616,
0.3025

69.7077, 0.3429,
0.3202

27.6370, 0.5033,
0.3012

83.9791, 0.3253,
0.3250

24.2455, 0.5456,
0.3029

99.6195, 0.3115,
0.3290

■ 22.1733, 0.5837,
0.3079

■ 21.1714, 0.6125,
0.3156

■ 21.0797, 0.6155,
0.3164

Harmonies

Analogous

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



47.3425, 0.3410, 0.2740



47.3425, 0.3916, 0.3102



47.3425, 0.4194, 0.3525

Triad

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



47.3425, 0.3916, 0.3102



47.3425, 0.3321, 0.4257



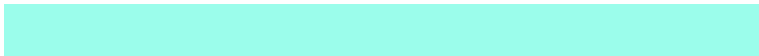
47.3425, 0.2184, 0.2561

Complementary

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



47.3425, 0.3916, 0.3102



83.2099, 0.2672, 0.3494

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.



47.3425, 0.2166, 0.2906



47.3425, 0.3916, 0.3102



47.3425, 0.2793, 0.3952

Square

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



47.3425, 0.3916, 0.3102



47.3425, 0.3822, 0.4223



47.3425, 0.2378, 0.3423



47.3425, 0.2425, 0.2430

Rectangle

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



47.3425, 0.3916, 0.3102



47.3425, 0.4201, 0.3804



47.3425, 0.2378, 0.3423



47.3425, 0.2152, 0.2652

Sweetspot

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



47.3448, 0.3916, 0.3102



80.5003, 0.3307, 0.3235



48.2059, 0.3023, 0.2287



16.8175, 0.3329, 0.3228



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.



47.3448, 0.3916, 0.3102



41.8612, 0.4146, 0.3069



58.3818, 0.3967, 0.3620



18.0414, 0.3265, 0.3247



11.2305, 0.6122, 0.3146



1.1074, 0.5833, 0.2987

Inverse Universe

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



47.3448, 0.3916, 0.3102



41.8612, 0.4146, 0.3069



66.2832, 0.2534, 0.2929



18.0414, 0.3265, 0.3247



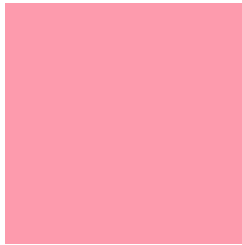
11.2305, 0.6122, 0.3146



1.1074, 0.5833, 0.2987

Previews

White Background



This preview shows how the Yxy color 47.3425, 0.3916, 0.3102 looks on a white background.

Color Contrast Check

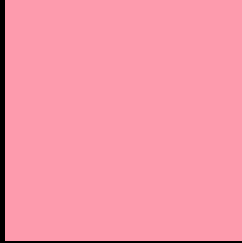
Large Text (above 18pt) WCAG AA × Fail

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 47.3425, 0.3916, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

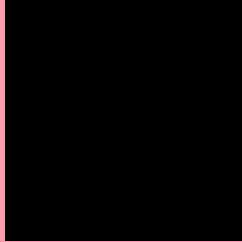
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3425, 0.3916, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 47.3425, 0.3916, 0.3102.



This preview shows how white text looks on a background with the Yxy color 47.3425, 0.3916, 0.3102.

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

47.3425, 0.3916, 0.3102

Protanopia

47.4010, 0.3105, 0.3213

Deuteranopia

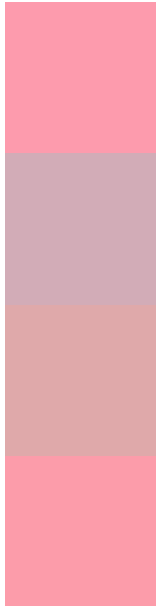
47.4307, 0.3455, 0.3390



Tritanopia

47.2995, 0.3954, 0.3165

Trichromacy



Original Color

47.3425, 0.3916, 0.3102

Protanomaly

46.6256, 0.3378, 0.3157

Deuteranomaly

46.9662, 0.3622, 0.3280

Tritanomaly

47.3747, 0.3934, 0.3143

Monochromacy



Original Color

47.3425, 0.3916, 0.3102

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.6978, 0.3390, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3425, 0.3916, 0.3102 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(253, 155, 173)` looks like.

```
.text, #text, p{  
    color:rgb(253, 155, 173)  
}
```

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(253, 155, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 155, 173) }
```

Border

The CSS property to change the border of an element to Yxy 47.3425, 0.3916, 0.3102 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(253, 155, 173) }
```

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

```
.border{ border-color:rgb(253, 155, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 155, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 155, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 155, 173);  
box-shadow:4px 4px 4px 4px rgb(253, 155,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3425, 0.3916, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 155, 173) }
```

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

```
.background{ background-color: rgb(253,  
155, 173) }
```

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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