

Converting Colors

$Y_{xy}(43.2429, 0.3935, 0.2963)$

Have a look what the booklet for
Yxy(43.2429, 0.3935, 0.2963)
contains.

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Color

Yxy(43.3964, 0.3935, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	FC8FAE
RGB	252, 143, 174
RGB Percent	99%, 56%, 68%
CMY	0.0117, 0.4392, 0.3175
CMYK	0.00, 0.43, 0.31, 0.01
HSL	343°, 95%, 77%
HSV	343°, 43%, 99%
XYZ	57.6130, 43.3964, 45.4022
YIQ	179.1250, 55.0130, 32.7490

Conversions

Conversions Part 2

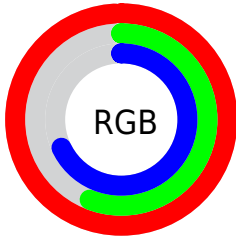
Format	Color
R _Y B	252, 143, 174
Decimal	16551854
CIE Lab	71.82, 44.60, 2.00
CIE LCh	72, 44.649, 2.569
Yxy	43.3964, 0.3935, 0.2964
Android (android.graphics.Color)	4294741934 (0xFFFC8FAE)
YUV	179.1250, -2.5266, 63.9114
Hunter-Lab	65.8759, 40.8274, 5.2500

Details

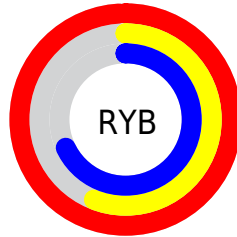
The Yxy color **43.3964, 0.3935, 0.2964** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.6858, 0.2682, 0.3656**, and the grayscale version is **45.1429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7640, 0.3343, 0.2988**, and **20.0549, 0.4168, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **36.0067, 0.4234, 0.2898**, and if you desaturate by 10%, it is **52.5840, 0.3683, 0.3040**.

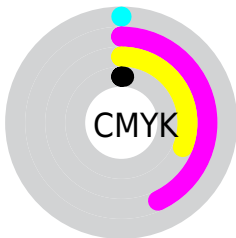
Distribution



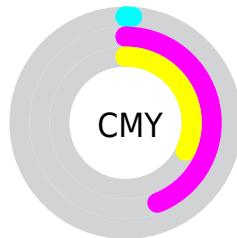
- Red (99%)
- Green (56%)
- Blue (68%)



- Red (99%)
- Yellow (56%)
- Blue (68%)



- Cyan (0%)
- Magenta (43%)
- Yellow (31%)
- Black (1%)




- Cyan (1%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3964, 0.3935, 0.2964 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 43.3964, 0.3935, 0.2964 by changing the saturation by 10% instead.


 43.3964, 0.3935,
0.2964


 43.3964, 0.3935,
0.2964


360.2394, 0.3526,
0.3131

 30.1963, 0.4038,
0.2921


 80.3087, 0.3786,
0.3025

 19.9876, 0.4171,
0.2866


 104.7897, 0.3730,
0.3048

 12.3860, 0.4348,
0.2792


133.7997, 0.3683,
0.3068

 7.0072, 0.4596,
0.2687

167.7231, 0.3642,
0.3084

 3.4666, 0.4964,
0.2528

206.9444, 0.3607,
0.3098

 1.3799, 0.5562,
0.2266

251.8480, 0.3577,

 0.2018, 0.8286,

0.3110

0.1228

302.8182, 0.3550,
0.3121

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.3964, 0.3935,
0.2964

43.3964, 0.3935,
0.2964

36.0067, 0.4234,
0.2898

52.5840, 0.3683,
0.3040

30.2896, 0.4576,
0.2851

63.6711, 0.3475,
0.3118

26.1137, 0.4949,
0.2836

76.7592, 0.3304,
0.3195

23.3250, 0.5324,
0.2863

91.9409, 0.3166,
0.3267

■ 21.7367, 0.5666,
0.2936

■ 99.4375, 0.3109,
0.3290

■ 21.1622, 0.5862,
0.3003

Harmonies

Analogous

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



43.3964, 0.3305, 0.2579



43.3964, 0.3935, 0.2964



43.3964, 0.4338, 0.3435

Triad

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



43.3964, 0.3935, 0.2964



43.3964, 0.3481, 0.4459



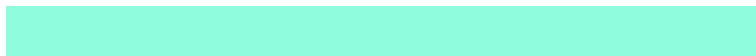
43.3964, 0.2014, 0.2506

Complementary

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



43.3964, 0.3935, 0.2964



80.6858, 0.2682, 0.3656

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.



43.3964, 0.2049, 0.2951



43.3964, 0.3935, 0.2964



43.3964, 0.2860, 0.4193

Square

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



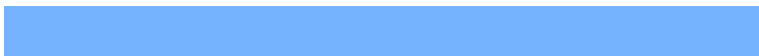
43.3964, 0.3935, 0.2964



43.3964, 0.4036, 0.4315



43.3964, 0.2343, 0.3591



43.3964, 0.2231, 0.2311

Rectangle

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



43.3964, 0.3935, 0.2964



43.3964, 0.4400, 0.3761



43.3964, 0.2343, 0.3591



43.3964, 0.1997, 0.2627

Sweetspot

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



43.3985, 0.3935, 0.2964



79.2088, 0.3301, 0.3197



41.7802, 0.2898, 0.2135



16.2770, 0.3335, 0.3180



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.



43.3985, 0.3935, 0.2964



37.8210, 0.4195, 0.2905



49.5183, 0.4165, 0.3524



17.3065, 0.3249, 0.3223



11.0443, 0.5820, 0.2980



1.0403, 0.5483, 0.2794

Inverse Universe

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



43.3985, 0.3935, 0.2964



37.8210, 0.4195, 0.2905



69.5776, 0.2496, 0.3034



17.3065, 0.3249, 0.3223



11.0443, 0.5820, 0.2980



1.0403, 0.5483, 0.2794

Previews

White Background



This preview shows how the Yxy color 43.3964, 0.3935, 0.2964 looks on a white background.

Color Contrast Check

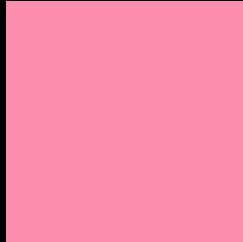
Large Text (above 18pt) WCAG AA × Fail

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 43.3964, 0.3935, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

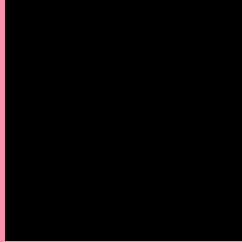
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3964, 0.3935, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 43.3964, 0.3935, 0.2964.



This preview shows how white text looks on a background with the Yxy color 43.3964, 0.3935, 0.2964.

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

43.3964, 0.3935, 0.2964

Protanopia

43.6242, 0.2984, 0.3053

Deuteranopia

43.7262, 0.3374, 0.3316



Tritanopia

43.3161, 0.4089, 0.3175

Trichromacy



Original Color

43.3964, 0.3935, 0.2964

Protanomaly

42.4361, 0.3299, 0.3005

Deuteranomaly

43.0289, 0.3567, 0.3170

Tritanomaly

43.4044, 0.4038, 0.3101

Monochromacy



Original Color

43.3964, 0.3935, 0.2964

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.5686, 0.3405, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3964, 0.3935, 0.2964 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(252, 143, 174)` looks like.

```
.text, #text, p{  
    color:rgb(252, 143, 174)  
}
```

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(252, 143, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 143, 174) }
```

Border

The CSS property to change the border of an element to Yxy 43.3964, 0.3935, 0.2964 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(252, 143, 174) }
```

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

```
.border{ border-color:rgb(252, 143, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 143, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 143, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 143, 174);  
box-shadow:4px 4px 4px 4px rgb(252, 143,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3964, 0.3935, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 143, 174) }
```

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

```
.background{ background-color: rgb(252,  
143, 174) }
```

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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