

Converting Colors

$Y_{xy}(43.8423, 0.3981, 0.2982)$

Have a look what the booklet for
Yxy(43.8423, 0.3981, 0.2982)
contains.

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Color

Yxy(43.8835, 0.3985, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FAC
RGB	255, 143, 172
RGB Percent	100%, 56%, 67%
CMY	0.0001, 0.4392, 0.3254
CMYK	0.00, 0.44, 0.33, 0.00
HSL	344°, 100%, 78%
HSV	344°, 44%, 100%
XYZ	58.5064, 43.8835, 44.4267
YIQ	179.7940, 57.4430, 32.7630

Conversions

Conversions Part 2

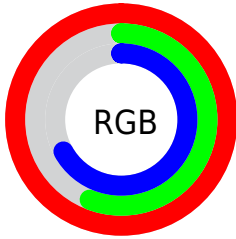
Format	Color
R _Y B	255, 143, 172
Decimal	16748460
CIE Lab	72.15, 45.37, 3.64
CIE LCh	72, 45.516, 4.592
Yxy	43.8835, 0.3985, 0.2989
Android (android.graphics.Color)	4294938540 (0xFFFF8FAC)
YUV	179.7940, -3.8424, 65.9557
Hunter-Lab	66.2446, 41.7209, 6.6086

Details

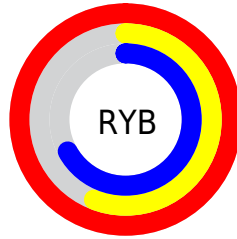
The Yxy color **43.8835, 0.3985, 0.2989** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.8414, 0.2663, 0.3627**, and the grayscale version is **45.5261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6529, 0.3358, 0.3008**, and **20.4042, 0.4237, 0.2900** is the 20% darker color. If you saturate the color by 10%, you get **36.4044, 0.4300, 0.2931**, and if you desaturate by 10%, it is **53.2099, 0.3719, 0.3057**.

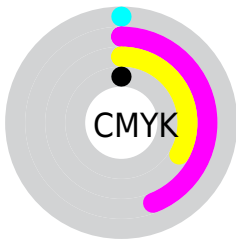
Distribution



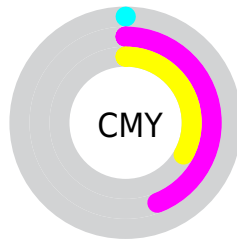
- Red (100%)
- Green (56%)
- Blue (67%)



- Red (100%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (44%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8835, 0.3985, 0.2989 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 43.8835, 0.3985, 0.2989 by changing the saturation by 10% instead.


 43.8835, 0.3985,
0.2989


 43.8835, 0.3985,
0.2989

362.2327, 0.3551,
0.3145

 30.5789, 0.4094,
0.2949


 81.0424, 0.3826,
0.3047

 20.2784, 0.4235,
0.2896

 105.6655, 0.3767,
0.3068

 12.5976, 0.4423,
0.2825


134.8303, 0.3717,
0.3086

 7.1520, 0.4685,
0.2724

168.9211, 0.3674,
0.3101

 3.5574, 0.5073,
0.2569

208.3224, 0.3637,
0.3115

 1.4292, 0.5697,
0.2311

253.4185, 0.3605,

 0.2381, 0.8555,

0.3126

0.1418

304.5937, 0.3576,
0.3136

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.8835, 0.3985,
0.2989

43.8835, 0.3985,
0.2989

36.4044, 0.4300,
0.2931

53.2099, 0.3719,
0.3057

30.6422, 0.4660,
0.2891

64.4892, 0.3500,
0.3129

26.4602, 0.5048,
0.2883

77.8269, 0.3321,
0.3199

23.6973, 0.5433,
0.2916

93.3189, 0.3176,
0.3265

■ 22.1575, 0.5774,
0.2991

99.9973, 0.3127,
0.3290

■ 21.6513, 0.5947,
0.3050

Harmonies

Analogous

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



43.8835, 0.3353, 0.2592



43.8835, 0.3985, 0.2989



43.8835, 0.4372, 0.3469

Triad

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



43.8835, 0.3985, 0.2989



43.8835, 0.3442, 0.4474



43.8835, 0.2006, 0.2473

Complementary

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



43.8835, 0.3985, 0.2989



82.8414, 0.2663, 0.3627

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.



43.8835, 0.2023, 0.2907



43.8835, 0.3985, 0.2989



43.8835, 0.2815, 0.4176

Square

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



43.8835, 0.3985, 0.2989



43.8835, 0.4016, 0.4349



43.8835, 0.2303, 0.3549



43.8835, 0.2242, 0.2292

Rectangle

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



43.8835, 0.3985, 0.2989



43.8835, 0.4415, 0.3798



43.8835, 0.2303, 0.3549



43.8835, 0.1983, 0.2589

Sweetspot

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



43.8857, 0.3985, 0.2989



79.1607, 0.3306, 0.3205



42.8960, 0.2924, 0.2127



16.2652, 0.3342, 0.3190



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.



43.8857, 0.3985, 0.2989



37.0188, 0.4269, 0.2935



51.6691, 0.4170, 0.3567



18.0643, 0.3253, 0.3229



11.3352, 0.5907, 0.3028



1.1206, 0.5590, 0.2853

Inverse Universe

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



43.8857, 0.3985, 0.2989



37.0188, 0.4269, 0.2935



69.0204, 0.2480, 0.2984



18.0643, 0.3253, 0.3229



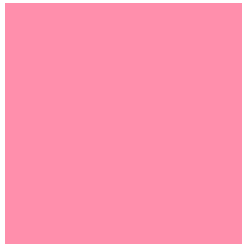
11.3352, 0.5907, 0.3028



1.1206, 0.5590, 0.2853

Previews

White Background



This preview shows how the Yxy color 43.8835, 0.3985, 0.2989 looks on a white background.

Color Contrast Check

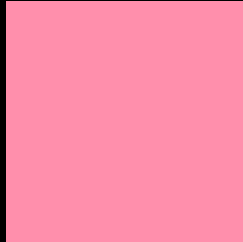
Large Text (above 18pt) WCAG AA × Fail

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 43.8835, 0.3985, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

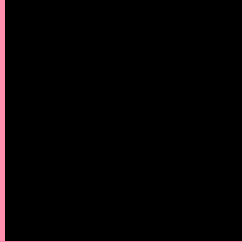
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8835, 0.3985, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 43.8835, 0.3985, 0.2989.



This preview shows how white text looks on a background with the Yxy color 43.8835, 0.3985, 0.2989.

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

43.8835, 0.3985, 0.2989

Protanopia

44.0424, 0.3008, 0.3093

Deuteranopia

43.9216, 0.3411, 0.3342



Tritanopia

44.0289, 0.4138, 0.3188

Trichromacy



Original Color

43.8835, 0.3985, 0.2989



Protanomaly

42.9907, 0.3335, 0.3043



Deuteranomaly

43.4144, 0.3615, 0.3195



Tritanomaly

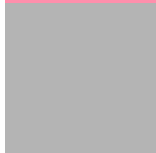
43.9303, 0.4077, 0.3114

Monochromacy



Original Color

43.8835, 0.3985, 0.2989



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

44.0772, 0.3412, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8835, 0.3985, 0.2989 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, 143, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 172)  
}
```

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, 143, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 172) }
```

Border

The CSS property to change the border of an element to Yxy 43.8835, 0.3985, 0.2989 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, 143, 172) }
```

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

```
.border{ border-color:rgb(255, 143, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8835, 0.3985, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 172) }
```

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

```
.background{ background-color: rgb(255,  
143, 172) }
```

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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