

Converting Colors

$Y_{xy}(59.7231, 0.4399, 0.3008)$

Have a look what the booklet for
Yxy(59.7231, 0.4399, 0.3008)
contains.

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Color

Yxy(45.8587, 0.3853, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	FF94B7
RGB	255, 148, 183
RGB Percent	100%, 58%, 72%
CMY	0.0000, 0.4197, 0.2823
CMYK	0.00, 0.42, 0.28, 0.00
HSL	340°, 100%, 79%
HSV	340°, 42%, 100%
XYZ	60.3874, 45.8587, 50.4822
YIQ	183.9830, 52.5370, 33.5690

Conversions

Conversions Part 2

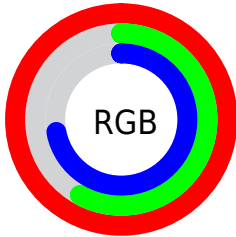
Format	Color
R_{YB}	255, 148, 183
Decimal	16749751
CIE _{Lab}	73.45, 44.26, -0.56
CIE _{LCh}	73, 44.266, 359.270
Yxy	45.8587, 0.3853, 0.2926
Android (android.graphics.Color)	4294939831 (0xFFFF94B7)
YUV	183.9830, -0.4846, 62.2819
Hunter-Lab	67.7191, 40.6663, 3.2047

Details

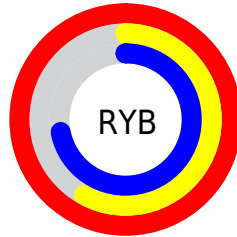
The Yxy color **45.8587, 0.3853, 0.2926** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.9797, 0.2714, 0.3699**, and the grayscale version is **47.8996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6777, 0.3264, 0.2942**, and **21.5319, 0.4060, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **38.0472, 0.4126, 0.2847**, and if you desaturate by 10%, it is **55.5120, 0.3623, 0.3014**.

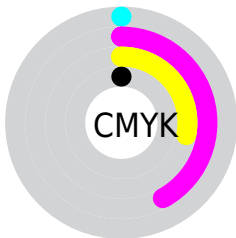
Distribution



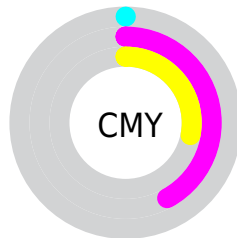
- Red (100%)
- Green (58%)
- Blue (72%)



- Red (100%)
- Yellow (58%)
- Blue (72%)



- Cyan (0%)
- Magenta (42%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8587, 0.3853, 0.2926 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 45.8587, 0.3853, 0.2926 by changing the saturation by 10% instead.


 45.8587, 0.3853,
0.2926

 45.8587, 0.3853,
0.2926


370.2403, 0.3490,
0.3108

 32.1343, 0.3943,
0.2881


 84.0075, 0.3721,
0.2992

 21.4641, 0.4059,
0.2823


 109.2007, 0.3672,
0.3017

 13.4637, 0.4212,
0.2747


138.9857, 0.3630,
0.3037

 7.7486, 0.4423,
0.2642

173.7467, 0.3594,
0.3055

 3.9345, 0.4734,
0.2488

213.8683, 0.3563,
0.3071

 1.6370, 0.5231,
0.2244

259.7349, 0.3536,

 0.3824, 0.6561,

0.3085

0.1569

311.7307, 0.3512,
0.3097

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 45.8587, 0.3853,
0.2926

■ 45.8587, 0.3853,
0.2926

■ 38.0472, 0.4126,
0.2847

■ 55.5120, 0.3623,
0.3014

■ 31.9678, 0.4439,
0.2787

■ 67.1269, 0.3432,
0.3104

■ 27.4828, 0.4785,
0.2759

■ 80.8005, 0.3276,
0.3192

■ 24.4374, 0.5140,
0.2774

■ 96.6268, 0.3149,
0.3274

■ 22.6458, 0.5475,
0.2839

100.0000, 0.3127,
0.3290

■ 21.8922, 0.5712,
0.2920

Harmonies

Analogous

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



45.8587, 0.3230, 0.2563



45.8587, 0.3853, 0.2926



45.8587, 0.4279, 0.3381

Triad

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



45.8587, 0.3853, 0.2926



45.8587, 0.3540, 0.4429



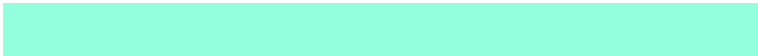
45.8587, 0.2031, 0.2562

Complementary

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



45.8587, 0.3853, 0.2926



82.9797, 0.2714, 0.3699

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.



45.8587, 0.2094, 0.3024



45.8587, 0.3853, 0.2926



45.8587, 0.2933, 0.4215

Square

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



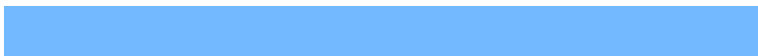
45.8587, 0.3853, 0.2926



45.8587, 0.4063, 0.4257



45.8587, 0.2409, 0.3655



45.8587, 0.2218, 0.2343

Rectangle

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



45.8587, 0.3853, 0.2926



45.8587, 0.4369, 0.3701



45.8587, 0.2409, 0.3655



45.8587, 0.2024, 0.2690

Sweetspot

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



45.8552, 0.3853, 0.2926



79.2892, 0.3291, 0.3183



43.5063, 0.2877, 0.2160



16.2967, 0.3323, 0.3164



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.



45.8552, 0.3853, 0.2926



39.4421, 0.4068, 0.2862



50.6051, 0.4139, 0.3480



18.0851, 0.3243, 0.3212



11.4635, 0.5669, 0.2897



1.1353, 0.5350, 0.2721

Inverse Universe

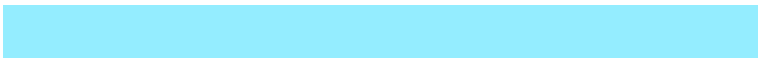
The Inverse Universe completely reimagines the original color for something new.



45.8552, 0.3853, 0.2926



39.4421, 0.4068, 0.2862



74.1780, 0.2519, 0.3084



18.0851, 0.3243, 0.3212



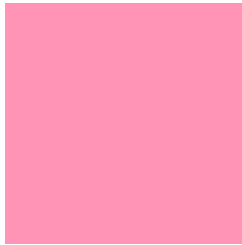
11.4635, 0.5669, 0.2897



1.1353, 0.5350, 0.2721

Previews

White Background



This preview shows how the Yxy color 45.8587, 0.3853, 0.2926 looks on a white background.

Color Contrast Check

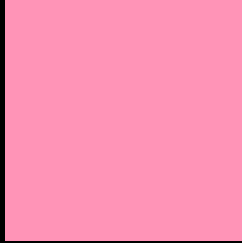
Large Text (above 18pt) WCAG AA × Fail

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 45.8587, 0.3853, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

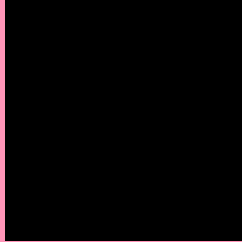
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8587, 0.3853, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 45.8587, 0.3853, 0.2926.



This preview shows how white text looks on a background with the Yxy color 45.8587, 0.3853, 0.2926.

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

45.8587, 0.3853, 0.2926

Protanopia

46.3718, 0.2941, 0.3008

Deuteranopia

46.0164, 0.3317, 0.3253



Tritanopia

45.9835, 0.4030, 0.3176

Trichromacy



Original Color

45.8587, 0.3853, 0.2926



Protanomaly

45.0672, 0.3242, 0.2963



Deuteranomaly

45.2656, 0.3501, 0.3113



Tritanomaly

46.1063, 0.3970, 0.3092

Monochromacy



Original Color

45.8587, 0.3853, 0.2926



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.2881, 0.3370, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8587, 0.3853, 0.2926 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, 148, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 183)  
}
```

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, 148, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 183) }
```

Border

The CSS property to change the border of an element to Yxy 45.8587, 0.3853, 0.2926 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, 148, 183) }
```

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

```
.border{ border-color:rgb(255, 148, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8587, 0.3853, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 183) }
```

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

```
.background{ background-color: rgb(255,  
148, 183) }
```

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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