

Converting Colors

$Yxy(45.9946, 0.3874, 0.2957)$

Have a look what the booklet for
Yxy(45.9946, 0.3874, 0.2957)
contains.

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Color

Yxy(46.0911, 0.3871, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	FF95B5
RGB	255, 149, 181
RGB Percent	100%, 58%, 71%
CMY	0.0000, 0.4157, 0.2901
CMYK	0.00, 0.42, 0.29, 0.00
HSL	342°, 100%, 79%
HSV	342°, 42%, 100%
XYZ	60.3377, 46.0911, 49.4423
YIQ	184.3420, 52.9040, 32.4240

Conversions

Conversions Part 2

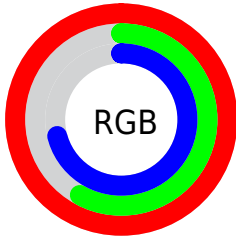
Format	Color
R_{YB}	255, 149, 181
Decimal	16750005
CIE _{Lab}	73.60, 43.49, 0.77
CIE _{LCh}	74, 43.501, 1.009
Yxy	46.0911, 0.3871, 0.2957
Android (android.graphics.Color)	4294940085 (0xFFFF95B5)
YUV	184.3420, -1.6476, 61.9671
Hunter-Lab	67.8904, 39.8339, 4.3444

Details

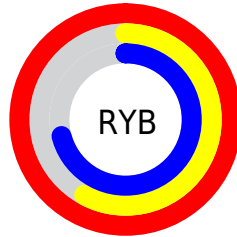
The Yxy color $46.0911, 0.3871, 0.2957$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $83.2342, 0.2704, 0.3662$, and the grayscale version is $48.1147, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.0371, 0.3277, 0.2971$, and $21.6600, 0.4086, 0.2870$ is the 20% darker color. If you saturate the color by 10%, you get $38.1993, 0.4154, 0.2884$, and if you desaturate by 10%, it is $55.8353, 0.3633, 0.3038$.

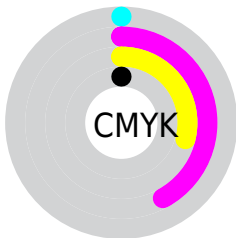
Distribution



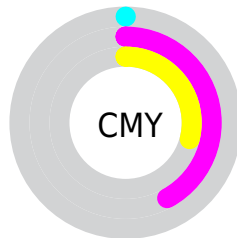
- Red (100%)
- Green (58%)
- Blue (71%)



- Red (100%)
- Yellow (58%)
- Blue (71%)



- Cyan (0%)
- Magenta (42%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0911, 0.3871, 0.2957 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 46.0911, 0.3871, 0.2957 by changing the saturation by 10% instead.


 46.0911, 0.3871,
0.2957

 46.0911, 0.3871,
0.2957

371.1748, 0.3499,
0.3124

 32.3177, 0.3964,
0.2915


 84.3553, 0.3736,
0.3018

 21.6043, 0.4082,
0.2861


 109.6149, 0.3685,
0.3041

 13.5664, 0.4240,
0.2790


139.4721, 0.3642,
0.3060

 7.8197, 0.4457,
0.2691

174.3112, 0.3605,
0.3077

 3.9798, 0.4778,
0.2544

214.5166, 0.3573,
0.3091

 1.6623, 0.5289,
0.2309

260.4728, 0.3545,

 0.3991, 0.6715,

0.3104

0.1681

312.5640, 0.3521,
0.3115

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.0911, 0.3871,
0.2957

46.0911, 0.3871,
0.2957

38.1993, 0.4154,
0.2884

55.8353, 0.3633,
0.3038

32.0504, 0.4480,
0.2829

67.5517, 0.3436,
0.3121

27.5068, 0.4839,
0.2805

81.3375, 0.3276,
0.3202

24.4142, 0.5208,
0.2822

97.2867, 0.3145,
0.3278

■ 22.5879, 0.5553,
0.2887

100.0000, 0.3127,
0.3290

■ 21.7965, 0.5804,
0.2971

Harmonies

Analogous

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



46.0911, 0.3266, 0.2592



46.0911, 0.3871, 0.2957



46.0911, 0.4272, 0.3409

Triad

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



46.0911, 0.3871, 0.2957



46.0911, 0.3500, 0.4406



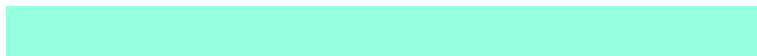
46.0911, 0.2054, 0.2557

Complementary

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



46.0911, 0.3871, 0.2957



83.2342, 0.2704, 0.3662

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.



46.0911, 0.2101, 0.2998



46.0911, 0.3871, 0.2957



46.0911, 0.2904, 0.4171

Square

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



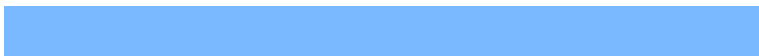
46.0911, 0.3871, 0.2957



46.0911, 0.4023, 0.4258



46.0911, 0.2398, 0.3611



46.0911, 0.2251, 0.2354

Rectangle

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



46.0911, 0.3871, 0.2957



46.0911, 0.4345, 0.3723



46.0911, 0.2398, 0.3611



46.0911, 0.2042, 0.2678

Sweetspot

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



46.0876, 0.3871, 0.2957



80.7068, 0.3282, 0.3199



44.1501, 0.2895, 0.2176



16.8658, 0.3301, 0.3188



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.



46.0876, 0.3871, 0.2957



39.3223, 0.4106, 0.2895



51.5909, 0.4118, 0.3497



18.0774, 0.3247, 0.3218



11.4121, 0.5761, 0.2947



1.1295, 0.5441, 0.2771

Inverse Universe

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



46.0876, 0.3871, 0.2957



39.3223, 0.4106, 0.2895



73.3485, 0.2521, 0.3066



18.0774, 0.3247, 0.3218



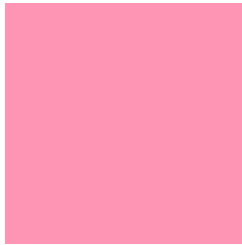
11.4121, 0.5761, 0.2947



1.1295, 0.5441, 0.2771

Previews

White Background



This preview shows how the Yxy color 46.0911, 0.3871, 0.2957 looks on a white background.

Color Contrast Check

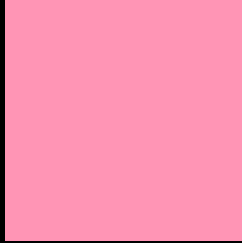
Large Text (above 18pt) WCAG AA × Fail

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 46.0911, 0.3871, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

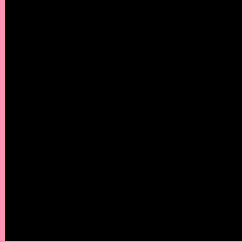
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0911, 0.3871, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 46.0911, 0.3871, 0.2957.



This preview shows how white text looks on a background with the Yxy color 46.0911, 0.3871, 0.2957.

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

46.0911, 0.3871, 0.2957

Protanopia

46.3964, 0.2964, 0.3034

Deuteranopia

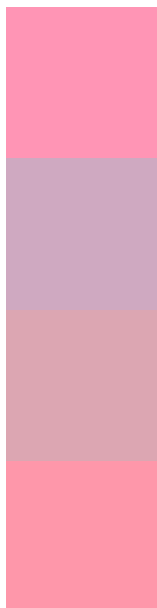
46.0739, 0.3343, 0.3278



Tritanopia

45.9835, 0.4030, 0.3176

Trichromacy



Original Color

46.0911, 0.3871, 0.2957

Protanomaly

45.4916, 0.3267, 0.3000

Deuteranomaly

45.7024, 0.3527, 0.3149

Tritanomaly

46.1063, 0.3970, 0.3092

Monochromacy



Original Color

46.0911, 0.3871, 0.2957

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.2464, 0.3379, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0911, 0.3871, 0.2957 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, 149, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 181)  
}
```

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, 149, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 181) }
```

Border

The CSS property to change the border of an element to Yxy 46.0911, 0.3871, 0.2957 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, 149, 181) }
```

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

```
.border{ border-color:rgb(255, 149, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0911, 0.3871, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 181) }
```

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

```
.background{ background-color: rgb(255,  
149, 181) }
```

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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