

Converting Colors

$Y_{xy}(46.3319, 0.3799, 0.2909)$

Have a look what the booklet for
Yxy(46.3319, 0.3799, 0.2909)
contains.

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Color

Yxy(46.4287, 0.3807, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	FE96BA
RGB	254, 150, 186
RGB Percent	100%, 59%, 73%
CMY	0.0040, 0.4117, 0.2707
CMYK	0.00, 0.41, 0.27, 0.00
HSL	339°, 98%, 79%
HSV	339°, 41%, 100%
XYZ	60.6360, 46.4287, 52.2104
YIQ	185.2000, 50.4280, 33.2440

Conversions

Conversions Part 2

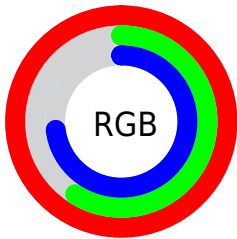
Format	Color
RYB	254, 150, 186
Decimal	16684730
CIELab	73.82, 43.26, -1.67
CIELCh	74, 43.293, 357.784
Yxy	46.4287, 0.3807, 0.2915
Android (android.graphics.Color)	4294874810 (0xFFFE96BA)
YUV	185.2000, 0.3944, 60.3376
Hunter-Lab	68.1386, 39.6033, 2.2668

Details

The Yxy color **46.4287, 0.3807, 0.2915** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.4215, 0.2731, 0.3710**, and the grayscale version is **48.6113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8134, 0.3240, 0.2933**, and **21.8449, 0.3995, 0.2814** is the 20% darker color. If you saturate the color by 10%, you get **38.5176, 0.4067, 0.2830**, and if you desaturate by 10%, it is **56.1829, 0.3588, 0.3008**.

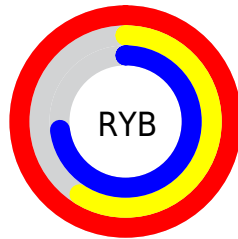
Distribution



Red (100%)

Green (59%)

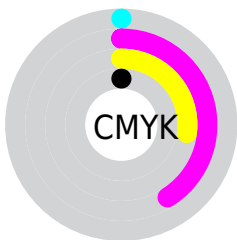
Blue (73%)



Red (100%)

Yellow (59%)

Blue (73%)

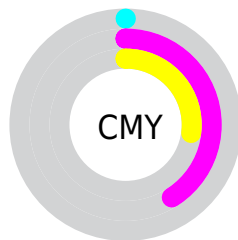


Cyan (0%)

Magenta (41%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4287, 0.3807, 0.2915 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 46.4287, 0.3807, 0.2915 by changing the saturation by 10% instead.


 46.4287, 0.3807,
0.2915


 46.4287, 0.3807,
0.2915


372.5295, 0.3468,
0.3101

 32.5842, 0.3891,
0.2869


 84.8602, 0.3684,
0.2982

 21.8081, 0.3998,
0.2811


 110.2161, 0.3638,
0.3007

 13.7160, 0.4140,
0.2735


140.1779, 0.3599,
0.3029

 7.9234, 0.4335,
0.2630

175.1300, 0.3566,
0.3047

 4.0460, 0.4622,
0.2478

215.4568, 0.3537,
0.3063

 1.6993, 0.5079,
0.2238

261.5427, 0.3511,

 0.4232, 0.6182,

0.3077

0.1614

313.7722, 0.3489,
0.3090

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.4287, 0.3807,
0.2915

46.4287, 0.3807,
0.2915

38.5176, 0.4067,
0.2830

56.1829, 0.3588,
0.3008

32.3255, 0.4366,
0.2763

67.8806, 0.3407,
0.3103

27.7235, 0.4698,
0.2727

81.6226, 0.3258,
0.3195

24.5613, 0.5043,
0.2734

97.5010, 0.3137,
0.3282

■ 22.6592, 0.5374,
0.2792

99.8076, 0.3121,
0.3290

■ 21.7698, 0.5642,
0.2882

Harmonies

Analogous

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



46.4287, 0.3198, 0.2565



46.4287, 0.3807, 0.2915



46.4287, 0.4236, 0.3358

Triad

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



46.4287, 0.3807, 0.2915



46.4287, 0.3560, 0.4398



46.4287, 0.2054, 0.2598

Complementary

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



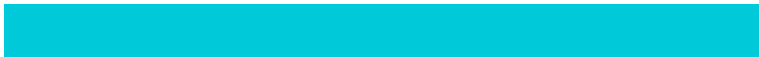
46.4287, 0.3807, 0.2915



82.4215, 0.2731, 0.3710

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.



46.4287, 0.2128, 0.3060



46.4287, 0.3807, 0.2915



46.4287, 0.2968, 0.4208

Square

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



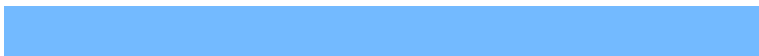
46.4287, 0.3807, 0.2915



46.4287, 0.4062, 0.4219



46.4287, 0.2449, 0.3676



46.4287, 0.2224, 0.2371

Rectangle

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



46.4287, 0.3807, 0.2915



46.4287, 0.4336, 0.3671



46.4287, 0.2449, 0.3676



46.4287, 0.2051, 0.2727

Sweetspot

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



46.4309, 0.3807, 0.2915



80.7839, 0.3273, 0.3186



43.8167, 0.2871, 0.2185



16.8839, 0.3291, 0.3174



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.



46.4309, 0.3807, 0.2915



40.2663, 0.4014, 0.2845



50.4025, 0.4112, 0.3458



18.0908, 0.3240, 0.3208



11.5040, 0.5599, 0.2858



1.1398, 0.5283, 0.2684

Inverse Universe

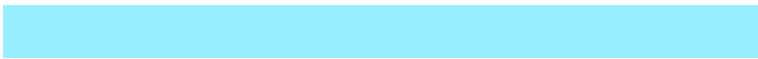
The Inverse Universe completely reimagines the original color for something new.



46.4309, 0.3807, 0.2915



40.2663, 0.4014, 0.2845



75.0159, 0.2536, 0.3110



18.0908, 0.3240, 0.3208



11.5040, 0.5599, 0.2858



1.1398, 0.5283, 0.2684

Previews

White Background



This preview shows how the Yxy color 46.4287, 0.3807, 0.2915 looks on a white background.

Color Contrast Check

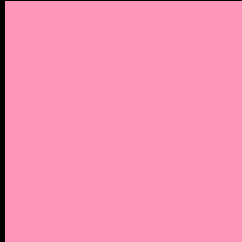
Large Text (above 18pt) WCAG AA × Fail

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 46.4287, 0.3807, 0.2915 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 46.4287, 0.3807, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 46.4287, 0.3807, 0.2915.



This preview shows how white text looks on a background with the Yxy color 46.4287, 0.3807, 0.2915.

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

46.4287, 0.3807, 0.2915

Protanopia

46.9205, 0.2920, 0.2984

Deuteranopia

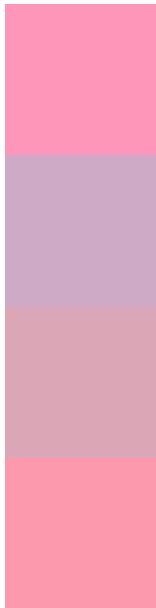
46.5290, 0.3290, 0.3228



Tritanopia

46.5233, 0.3992, 0.3175

Trichromacy



Original Color

46.4287, 0.3807, 0.2915

Protanomaly

45.9485, 0.3214, 0.2952

Deuteranomaly

46.1164, 0.3469, 0.3102

Tritanomaly

46.6822, 0.3923, 0.3081

Monochromacy



Original Color

46.4287, 0.3807, 0.2915

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

46.7095, 0.3360, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4287, 0.3807, 0.2915 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(254, 150, 186)` looks like.

```
.text, #text, p{  
    color:rgb(254, 150, 186)  
}
```

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(254, 150, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 150, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.4287, 0.3807, 0.2915 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(254, 150, 186) }
```

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

```
.border{ border-color:rgb(254, 150, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 150, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 150, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 150, 186);  
box-shadow:4px 4px 4px 4px rgb(254, 150,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4287, 0.3807, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 150, 186) }
```

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

```
.background{ background-color: rgb(254,  
150, 186) }
```

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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