

Converting Colors

$Y_{xy}(46.8166, 0.3703, 0.2858)$

Have a look what the booklet for
Yxy(46.8166, 0.3703, 0.2858)
contains.

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Color

Yxy(46.8160, 0.3703, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	FB98C1
RGB	251, 152, 193
RGB Percent	98%, 60%, 76%
CMY	0.0157, 0.4039, 0.2431
CMYK	0.00, 0.39, 0.23, 0.02
HSL	335°, 93%, 79%
HSV	335°, 39%, 98%
XYZ	60.6365, 46.8160, 56.2971
YIQ	186.2750, 45.8430, 33.7390

Conversions

Conversions Part 2

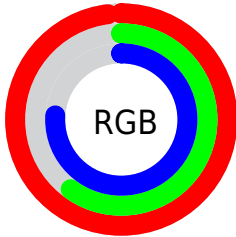
Format	Color
R_{YB}	251, 152, 193
Decimal	16488641
CIE _{Lab}	74.07, 42.19, -5.23
CIE _{LCh}	74, 42.511, 352.937
Yxy	46.8160, 0.3703, 0.2859
Android (android.graphics.Color)	4294678721 (0xFFFB98C1)
YUV	186.2750, 3.3154, 56.7638
Hunter-Lab	68.4222, 38.4496, -0.8877

Details

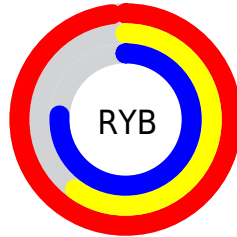
The Yxy color **46.8160, 0.3703, 0.2859** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.3197, 0.2777, 0.3775**, and the grayscale version is **49.2286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2113, 0.3190, 0.2887**, and **22.1546, 0.3861, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **38.8902, 0.3926, 0.2755**, and if you desaturate by 10%, it is **56.5352, 0.3514, 0.2971**.

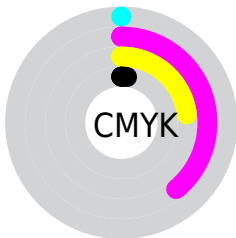
Distribution



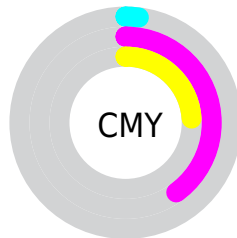
- Red (98%)
- Green (60%)
- Blue (76%)



- Red (98%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (2%)





- Cyan (2%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8160, 0.3703, 0.2859 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 46.8160, 0.3703, 0.2859 by changing the saturation by 10% instead.


 46.8160, 0.3703,
0.2859

 46.8160, 0.3703,
0.2859


374.0796, 0.3419,
0.3069

 32.8902, 0.3773,
0.2809


 85.4389, 0.3600,
0.2934

 22.0424, 0.3862,
0.2745


 110.9048, 0.3562,
0.2962

 13.8880, 0.3979,
0.2662


140.9862, 0.3529,
0.2987

 8.0428, 0.4140,
0.2549

176.0675, 0.3501,
0.3007

 4.1224, 0.4374,
0.2389

216.5331, 0.3476,
0.3026

 1.7422, 0.4744,
0.2143

262.7674, 0.3455,

 0.4508, 0.5536,

0.3042

0.1539

315.1548, 0.3435,
0.3056

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.8160, 0.3703,
0.2859

46.8160, 0.3703,
0.2859

38.8902, 0.3926,
0.2755

56.5352, 0.3514,
0.2971

32.6396, 0.4183,
0.2668

68.1431, 0.3357,
0.3084

27.9422, 0.4469,
0.2610

81.7360, 0.3228,
0.3193

24.6563, 0.4771,
0.2596

97.4017, 0.3122,
0.3296

■ 22.6136, 0.5072,
0.2635

■ 99.2481, 0.3102,
0.3290

■ 21.5544, 0.5350,
0.2724

■ 21.5068, 0.5366,
0.2729

Harmonies

Analogous

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



46.8160, 0.3099, 0.2536



46.8160, 0.3703, 0.2859



46.8160, 0.4165, 0.3285

Triad

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



46.8160, 0.3703, 0.2859



46.8160, 0.3642, 0.4368



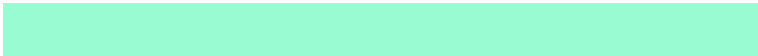
46.8160, 0.2068, 0.2671

Complementary

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



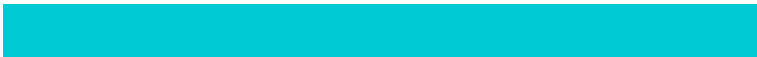
46.8160, 0.3703, 0.2859



80.3197, 0.2777, 0.3775

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.



46.8160, 0.2182, 0.3158



46.8160, 0.3703, 0.2859



46.8160, 0.3066, 0.4244

Square

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



46.8160, 0.3703, 0.2859



46.8160, 0.4105, 0.4149



46.8160, 0.2535, 0.3766



46.8160, 0.2198, 0.2409

Rectangle

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



46.8160, 0.3703, 0.2859



46.8160, 0.4302, 0.3592



46.8160, 0.2535, 0.3766



46.8160, 0.2079, 0.2810

Sweetspot

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



46.8182, 0.3703, 0.2859



80.9054, 0.3259, 0.3165



43.0892, 0.2829, 0.2211



16.9124, 0.3275, 0.3151



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.



46.8182, 0.3703, 0.2859



42.1238, 0.3869, 0.2778



48.0066, 0.4089, 0.3381



17.3445, 0.3229, 0.3192



11.3328, 0.5324, 0.2706



1.0702, 0.5013, 0.2535

Inverse Universe

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



46.8182, 0.3703, 0.2859



42.1238, 0.3869, 0.2778



77.5897, 0.2567, 0.3195



17.3445, 0.3229, 0.3192



11.3328, 0.5324, 0.2706



1.0702, 0.5013, 0.2535

Previews

White Background



This preview shows how the Yxy color 46.8160, 0.3703, 0.2859 looks on a white background.

Color Contrast Check

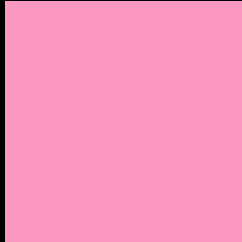
Large Text (above 18pt) WCAG AA × Fail

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 46.8160, 0.3703, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

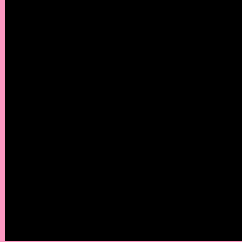
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8160, 0.3703, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 46.8160, 0.3703, 0.2859.



This preview shows how white text looks on a background with the Yxy color 46.8160, 0.3703, 0.2859.

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

46.8160, 0.3703, 0.2859

Protanopia

47.0980, 0.2869, 0.2911

Deuteranopia

46.9887, 0.3204, 0.3141



Tritanopia

46.5605, 0.3917, 0.3163

Trichromacy



Original Color

46.8160, 0.3703, 0.2859



Protanomaly

45.9465, 0.3146, 0.2881



Deuteranomaly

46.4747, 0.3386, 0.3031



Tritanomaly

46.7568, 0.3838, 0.3056

Monochromacy



Original Color

46.8160, 0.3703, 0.2859



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

47.6479, 0.3322, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8160, 0.3703, 0.2859 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(251, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(251, 152, 193)  
}
```

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(251, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 152, 193) }
```

Border

The CSS property to change the border of an element to Yxy 46.8160, 0.3703, 0.2859 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(251, 152, 193) }
```

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

```
.border{ border-color:rgb(251, 152, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 152, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 152, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 152, 193);  
box-shadow:4px 4px 4px 4px rgb(251, 152,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8160, 0.3703, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 152, 193) }
```

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

```
.background{ background-color: rgb(251,  
152, 193) }
```

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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