

Converting Colors

$Y_{xy}(42.8895, 0.3786, 0.2764)$

Have a look what the booklet for
Yxy(42.8895, 0.3786, 0.2764)
contains.

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Color

Yxy(42.8348, 0.3785, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	FC8BBD
RGB	252, 139, 189
RGB Percent	99%, 55%, 74%
CMY	0.0117, 0.4550, 0.2587
CMYK	0.00, 0.45, 0.25, 0.01
HSL	333°, 95%, 77%
HSV	333°, 45%, 99%
XYZ	58.5729, 42.8348, 53.3423
YIQ	178.4870, 51.2980, 39.5060

Conversions

Conversions Part 2

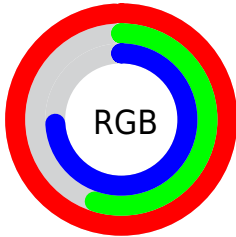
Format	Color
R_{YB}	252, 139, 189
Decimal	16550845
CIE _{Lab}	71.44, 48.58, -6.90
CIE _{LCh}	71, 49.070, 351.915
Yxy	42.8348, 0.3785, 0.2768
Android (android.graphics.Color)	4294740925 (0xFFFC8BBD)
YUV	178.4870, 5.1829, 64.4709
Hunter-Lab	65.4483, 45.2138, -2.5093

Details

The Yxy color **42.8348, 0.3785, 0.2768** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.3894, 0.2755, 0.3897**, and the grayscale version is **44.7445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8828, 0.3227, 0.2794**, and **19.6120, 0.3968, 0.2622** is the 20% darker color. If you saturate the color by 10%, you get **35.7807, 0.4013, 0.2665**, and if you desaturate by 10%, it is **51.6341, 0.3589, 0.2884**.

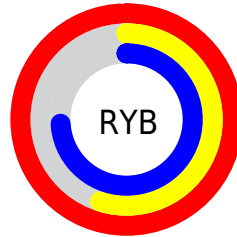
Distribution



Red (99%)

Green (55%)

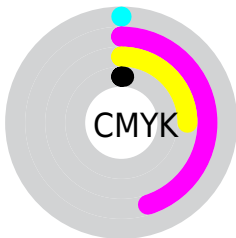
Blue (74%)



Red (99%)

Yellow (55%)

Blue (74%)

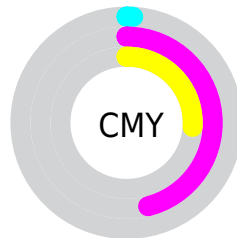


Cyan (0%)

Magenta (45%)

Yellow (25%)

Black (1%)



Cyan (1%)


Magenta (46%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8348, 0.3785, 0.2768 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 42.8348, 0.3785, 0.2768 by changing the saturation by 10% instead.


 42.8348, 0.3785,
0.2768

 42.8348, 0.3785,
0.2768


357.9319, 0.3457,
0.3023


 29.7555, 0.3866,
0.2706


 79.4615, 0.3666,
0.2859

 19.6531, 0.3971,
0.2628


 103.7777, 0.3621,
0.2894

 12.1431, 0.4109,
0.2526


 132.6084, 0.3583,
0.2924

 6.8412, 0.4300,
0.2387

166.3379, 0.3551,
0.2949

 3.3630, 0.4580,
0.2188

205.3506, 0.3523,
0.2971

 1.3241, 0.5029,
0.1884

250.0309, 0.3498,

 0.1597, 0.6385,

0.2991

0.0707

300.7632, 0.3476,
0.3008

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.8348, 0.3785,
0.2768

42.8348, 0.3785,
0.2768

35.7807, 0.4013,
0.2665

51.6341, 0.3589,
0.2884

30.3467, 0.4270,
0.2585

62.2800, 0.3424,
0.3005

26.4008, 0.4549,
0.2544

74.8733, 0.3287,
0.3124

23.7874, 0.4836,
0.2552

89.5060, 0.3174,
0.3237

■ 22.3150, 0.5111,
0.2615

99.4407, 0.3109,
0.3290

■ 21.8612, 0.5246,
0.2664

Harmonies

Analogous

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



42.8348, 0.3063, 0.2405



42.8348, 0.3785, 0.2768



42.8348, 0.4350, 0.3251

Triad

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



42.8348, 0.3785, 0.2768



42.8348, 0.3740, 0.4569



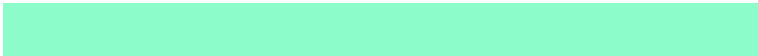
42.8348, 0.1897, 0.2566

Complementary

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



42.8348, 0.3785, 0.2768



79.3894, 0.2755, 0.3897

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.



42.8348, 0.2030, 0.3143



42.8348, 0.3785, 0.2768



42.8348, 0.3064, 0.4458

Square

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



42.8348, 0.3785, 0.2768



42.8348, 0.4284, 0.4269



42.8348, 0.2441, 0.3885



42.8348, 0.2036, 0.2264

Rectangle

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



42.8348, 0.3785, 0.2768



42.8348, 0.4518, 0.3602



42.8348, 0.2441, 0.3885



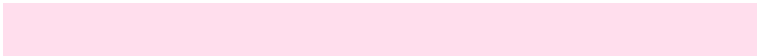
42.8348, 0.1910, 0.2729

Sweetspot

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



42.8369, 0.3785, 0.2768



79.5097, 0.3265, 0.3145



37.9302, 0.2744, 0.2043



16.3508, 0.3292, 0.3119



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.



42.8369, 0.3785, 0.2768



37.2775, 0.3993, 0.2672



42.7042, 0.4309, 0.3353



17.3529, 0.3224, 0.3185



11.4134, 0.5205, 0.2641



1.0780, 0.4908, 0.2477

Inverse Universe

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



42.8369, 0.3785, 0.2768



37.2775, 0.3993, 0.2672



78.6581, 0.2512, 0.3223



17.3529, 0.3224, 0.3185



11.4134, 0.5205, 0.2641



1.0780, 0.4908, 0.2477

Previews

White Background



This preview shows how the Yxy color 42.8348, 0.3785, 0.2768 looks on a white background.

Color Contrast Check

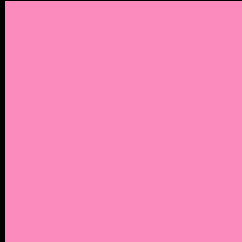
Large Text (above 18pt) WCAG AA × Fail

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 42.8348, 0.3785, 0.2768 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 42.8348, 0.3785, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 42.8348, 0.3785, 0.2768.

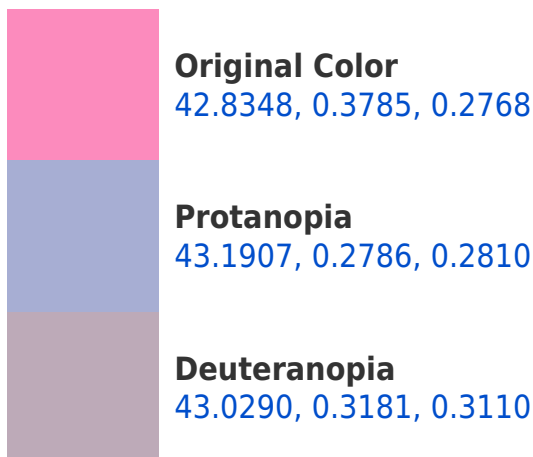


This preview shows how white text looks on a background with the Yxy color 42.8348, 0.3785, 0.2768.

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





Tritanopia

42.7908, 0.4095, 0.3175

Trichromacy



Original Color

42.8348, 0.3785, 0.2768



Protanomaly

41.8073, 0.3106, 0.2774



Deuteranomaly

42.3385, 0.3390, 0.2964



Tritanomaly

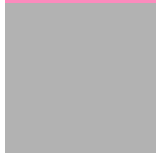
42.7961, 0.3981, 0.3026

Monochromacy



Original Color

42.8348, 0.3785, 0.2768



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.9075, 0.3353, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8348, 0.3785, 0.2768 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(252, 139, 189)` looks like.

```
.text, #text, p{  
    color:rgb(252, 139, 189)  
}
```

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(252, 139, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 139, 189) }
```

Border

The CSS property to change the border of an element to Yxy 42.8348, 0.3785, 0.2768 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(252, 139, 189) }
```

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

```
.border{ border-color:rgb(252, 139, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 139, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 139, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 139, 189);  
box-shadow:4px 4px 4px 4px rgb(252, 139,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8348, 0.3785, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 139, 189) }
```

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

```
.background{ background-color: rgb(252,  
139, 189) }
```

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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