

Converting Colors

Yxy(50.8168, 0.3700, 0.3066)

Have a look what the booklet for
Yxy(50.8168, 0.3700, 0.3066)
contains.

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Color

Yxy(50.8168, 0.3700, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	F8A6BB
RGB	248, 166, 187
RGB Percent	97%, 65%, 73%
CMY	0.0274, 0.3490, 0.2666
CMYK	0.00, 0.33, 0.25, 0.03
HSL	345°, 85%, 81%
HSV	345°, 33%, 97%
XYZ	61.3249, 50.8168, 53.6013
YIQ	192.9120, 42.1310, 23.9150

Conversions

Conversions Part 2

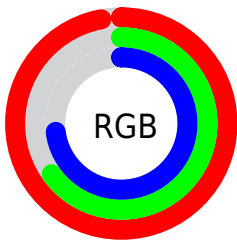
Format	Color
R _Y B	248, 166, 187
Decimal	16295611
CIE Lab	76.57, 33.05, 1.68
CIE LCh	77, 33.095, 2.911
Yxy	50.8168, 0.3700, 0.3066
Android (android.graphics.Color)	4294485691 (0xFFF8A6BB)
YUV	192.9120, -2.9146, 48.3122
Hunter-Lab	71.2859, 28.8073, 5.3188

Details

The Yxy color **50.8168, 0.3700, 0.3066** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.8009, 0.2759, 0.3530**, and the grayscale version is **53.2750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9736, 0.3221, 0.3084**, and **24.4786, 0.3856, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **41.9153, 0.3962, 0.2998**, and if you desaturate by 10%, it is **61.5632, 0.3484, 0.3137**.

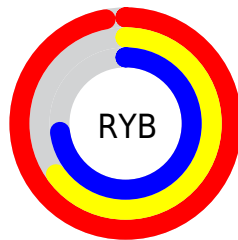
Distribution



Red (97%)

Green (65%)

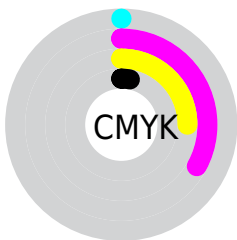
Blue (73%)



Red (97%)

Yellow (65%)

Blue (73%)

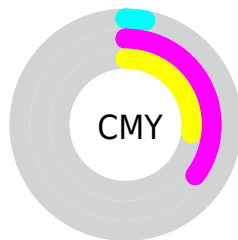


Cyan (0%)

Magenta (33%)

Yellow (25%)

Black (3%)



Cyan (3%)


Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8168, 0.3700, 0.3066 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 50.8168, 0.3700, 0.3066 by changing the saturation by 10% instead.


 50.8168, 0.3700,
0.3066

 50.8168, 0.3700,
0.3066

389.8516, 0.3417,
0.3178

 36.0628, 0.3769,
0.3038


 91.3839, 0.3598,
0.3107

 24.4827, 0.3858,
0.3003


 117.9659, 0.3560,
0.3122

 15.6921, 0.3974,
0.2956


149.2592, 0.3527,
0.3135

 9.3065, 0.4134,
0.2891

185.6484, 0.3499,
0.3146

 4.9417, 0.4366,
0.2795

227.5179, 0.3474,
0.3155

 2.2131, 0.4734,
0.2641

275.2520, 0.3453,

 0.7271, 0.5457,

0.3164

0.2357

329.2351, 0.3434,
0.3171

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8168, 0.3700,
0.3066

50.8168, 0.3700,
0.3066

41.9153, 0.3962,
0.2998

61.5632, 0.3484,
0.3137

34.7474, 0.4274,
0.2939

74.2432, 0.3308,
0.3206

29.2008, 0.4631,
0.2898

88.9485, 0.3165,
0.3271

25.1470, 0.5018,
0.2887

98.7007, 0.3084,
0.3290

■ 22.4378, 0.5406,
0.2916

■ 20.8939, 0.5753,
0.2987

■ 20.3261, 0.5953,
0.3053

Harmonies

Analogous

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



50.8168, 0.3265, 0.2774



50.8168, 0.3700, 0.3066



50.8168, 0.3978, 0.3420

Triad

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



50.8168, 0.3700, 0.3066



50.8168, 0.3391, 0.4097



50.8168, 0.2316, 0.2735

Complementary

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



50.8168, 0.3700, 0.3066



80.8009, 0.2759, 0.3530

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.



50.8168, 0.2344, 0.3063



50.8168, 0.3700, 0.3066



50.8168, 0.2945, 0.3901

Square

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



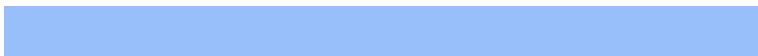
50.8168, 0.3700, 0.3066



50.8168, 0.3782, 0.4030



50.8168, 0.2567, 0.3500



50.8168, 0.2482, 0.2579

Rectangle

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



50.8168, 0.3700, 0.3066



50.8168, 0.4026, 0.3659



50.8168, 0.2567, 0.3500



50.8168, 0.2303, 0.2826

Sweetspot

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



50.8192, 0.3700, 0.3066



83.6340, 0.3261, 0.3226



50.2413, 0.2988, 0.2421



17.4468, 0.3282, 0.3217



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.



50.8192, 0.3700, 0.3066



47.3031, 0.3878, 0.3018



57.4672, 0.3833, 0.3498



17.2982, 0.3253, 0.3229



10.9970, 0.5913, 0.3031



1.0349, 0.5581, 0.2848

Inverse Universe

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



50.8192, 0.3700, 0.3066



47.3031, 0.3878, 0.3018



70.8586, 0.2628, 0.3070



17.2982, 0.3253, 0.3229



10.9970, 0.5913, 0.3031



1.0349, 0.5581, 0.2848

Previews

White Background



This preview shows how the Yxy color 50.8168, 0.3700, 0.3066 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 50.8168, 0.3700, 0.3066 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 50.8168, 0.3700, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 50.8168, 0.3700, 0.3066.



This preview shows how white text looks on a background with the Yxy color 50.8168, 0.3700, 0.3066.

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

50.8168, 0.3700, 0.3066

Protanopia

51.0837, 0.3053, 0.3141

Deuteranopia

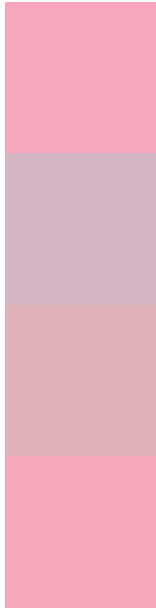
51.0293, 0.3352, 0.3279



Tritanopia

50.7069, 0.3755, 0.3151

Trichromacy



Original Color

50.8168, 0.3700, 0.3066

Protanomaly

50.4315, 0.3273, 0.3112

Deuteranomaly

50.7944, 0.3477, 0.3199

Tritanomaly

50.8305, 0.3726, 0.3119

Monochromacy



Original Color

50.8168, 0.3700, 0.3066

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

51.7747, 0.3320, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8168, 0.3700, 0.3066 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(248, 166, 187)` looks like.

```
.text, #text, p{  
    color:rgb(248, 166, 187)  
}
```

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(248, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 166, 187) }
```

Border

The CSS property to change the border of an element to Yxy 50.8168, 0.3700, 0.3066 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(248, 166, 187) }
```

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

```
.border{ border-color:rgb(248, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(248, 166,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8168, 0.3700, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 166, 187) }
```

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

```
.background{ background-color: rgb(248,  
166, 187) }
```

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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