

Converting Colors

$Y_{xy}(51.1231, 0.3737, 0.3065)$

Have a look what the booklet for
Yxy(51.1231, 0.3737, 0.3065)
contains.

Yxy(51.0074, 0.3730, 0.3058)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.0074, 0.3730, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	FBA5BB
RGB	251, 165, 187
RGB Percent	98%, 65%, 73%
CMY	0.0156, 0.3530, 0.2667
CMYK	0.00, 0.34, 0.26, 0.02
HSL	345°, 92%, 82%
HSV	345°, 34%, 98%
XYZ	62.2164, 51.0074, 53.5761
YIQ	193.2220, 44.1940, 25.0740

Conversions

Conversions Part 2

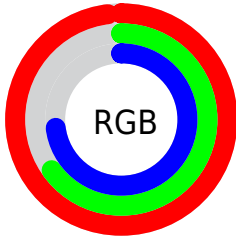
Format	Color
R _Y B	251, 165, 187
Decimal	16491963
CIE Lab	76.68, 34.64, 1.90
CIE LCh	77, 34.690, 3.147
Yxy	51.0074, 0.3730, 0.3058
Android (android.graphics.Color)	4294682043 (0xFFFBA5BB)
YUV	193.2220, -3.0674, 50.6713
Hunter-Lab	71.4195, 30.5144, 5.5166

Details

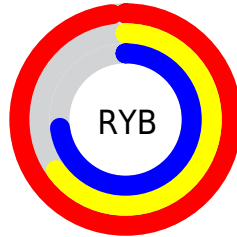
The Yxy color **51.0074, 0.3730, 0.3058** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.6715, 0.2747, 0.3540**, and the grayscale version is **53.4660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4440, 0.3222, 0.3074**, and **24.6470, 0.3896, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **42.0773, 0.3999, 0.2991**, and if you desaturate by 10%, it is **61.8235, 0.3508, 0.3128**.

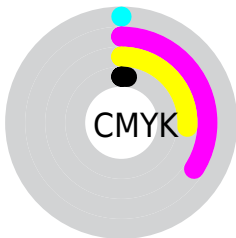
Distribution



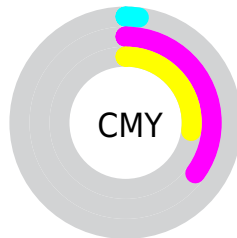
- Red (98%)
- Green (65%)
- Blue (73%)



- Red (98%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (2%)



- Cyan (2%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0074, 0.3730, 0.3058 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 51.0074, 0.3730, 0.3058 by changing the saturation by 10% instead.


 51.0074, 0.3730,
0.3058


 51.0074, 0.3730,
0.3058

390.5925, 0.3433,
0.3174

 36.2145, 0.3803,
0.3029


 91.6657, 0.3623,
0.3100

 24.5999, 0.3896,
0.2992


 118.2999, 0.3582,
0.3116

 15.7792, 0.4018,
0.2944


149.6500, 0.3548,
0.3129

 9.3681, 0.4185,
0.2876

186.1004, 0.3518,
0.3141

 4.9820, 0.4428,
0.2777

228.0354, 0.3493,
0.3151

 2.2367, 0.4811,
0.2618

275.8395, 0.3470,

 0.7399, 0.5555,

0.3159

0.2328

329.8971, 0.3450,
0.3167

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0074, 0.3730,
0.3058

51.0074, 0.3730,
0.3058

42.0773, 0.3999,
0.2991

61.8235, 0.3508,
0.3128

34.9176, 0.4317,
0.2934

74.6181, 0.3328,
0.3198

29.4110, 0.4679,
0.2896

89.4863, 0.3181,
0.3263

25.4232, 0.5069,
0.2889

99.2552, 0.3103,
0.3290

■ 22.7982, 0.5455,
0.2923

■ 21.3459, 0.5794,
0.3000

■ 20.8876, 0.5956,
0.3055

Harmonies

Analogous

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



51.0074, 0.3275, 0.2754



51.0074, 0.3730, 0.3058



51.0074, 0.4020, 0.3426

Triad

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



51.0074, 0.3730, 0.3058



51.0074, 0.3397, 0.4136



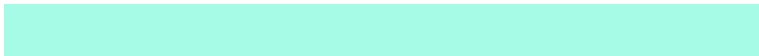
51.0074, 0.2281, 0.2706

Complementary

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



51.0074, 0.3730, 0.3058



82.6715, 0.2747, 0.3540

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.



51.0074, 0.2309, 0.3047



51.0074, 0.3730, 0.3058



51.0074, 0.2932, 0.3929

Square

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



51.0074, 0.3730, 0.3058



51.0074, 0.3809, 0.4065



51.0074, 0.2539, 0.3506



51.0074, 0.2456, 0.2547

Rectangle

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



51.0074, 0.3730, 0.3058



51.0074, 0.4068, 0.3675



51.0074, 0.2539, 0.3506



51.0074, 0.2268, 0.2801

Sweetspot

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



51.0098, 0.3730, 0.3058



83.6331, 0.3261, 0.3226



50.3824, 0.2981, 0.2388



17.4466, 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.



51.0098, 0.3730, 0.3058



46.3984, 0.3906, 0.3012



57.9575, 0.3868, 0.3506



17.2981, 0.3254, 0.3230



10.9960, 0.5915, 0.3032



1.0348, 0.5583, 0.2849

Inverse Universe

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



51.0098, 0.3730, 0.3058



46.3984, 0.3906, 0.3012



72.0925, 0.2611, 0.3061



17.2981, 0.3254, 0.3230



10.9960, 0.5915, 0.3032



1.0348, 0.5583, 0.2849

Previews

White Background



This preview shows how the Yxy color 51.0074, 0.3730, 0.3058 looks on a white background.

Color Contrast Check

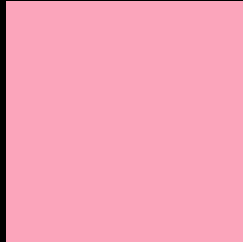
Large Text (above 18pt) WCAG AA × Fail

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 51.0074, 0.3730, 0.3058 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 51.0074, 0.3730, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 51.0074, 0.3730, 0.3058.



This preview shows how white text looks on a background with the Yxy color 51.0074, 0.3730, 0.3058.

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

51.0074, 0.3730, 0.3058

Protanopia

51.5594, 0.3045, 0.3142

Deuteranopia

51.0293, 0.3352, 0.3279



Tritanopia

50.8511, 0.3794, 0.3153

Trichromacy



Original Color

51.0074, 0.3730, 0.3058



Protanomaly

50.6251, 0.3273, 0.3101



Deuteranomaly

50.5610, 0.3488, 0.3187



Tritanomaly

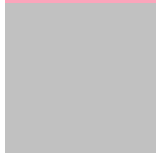
50.9738, 0.3766, 0.3121

Monochromacy



Original Color

51.0074, 0.3730, 0.3058



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.9247, 0.3328, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0074, 0.3730, 0.3058 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, 165, 187)` looks like.

```
.text, #text, p{  
    color:rgb(251, 165, 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(251, 165, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 165, 187) }
```

Border

The CSS property to change the border of an element to Yxy 51.0074, 0.3730, 0.3058 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, 165, 187) }
```

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

```
.border{ border-color:rgb(251, 165, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 165, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 165, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 165, 187);  
box-shadow:4px 4px 4px 4px rgb(251, 165,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0074, 0.3730, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 165, 187) }
```

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

```
.background{ background-color: rgb(251,  
165, 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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