

Converting Colors

$Y_{xy}(51.0718, 0.3710, 0.3039)$

Have a look what the booklet for
Yxy(51.0718, 0.3710, 0.3039)
contains.

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Color

Yxy(51.0936, 0.3711, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	FBA5BD
RGB	251, 165, 189
RGB Percent	98%, 65%, 74%
CMY	0.0155, 0.3530, 0.2589
CMYK	0.00, 0.34, 0.25, 0.02
HSL	343°, 92%, 82%
HSV	343°, 34%, 98%
XYZ	62.4328, 51.0936, 54.7107
YIQ	193.4500, 43.5520, 25.6960

Conversions

Conversions Part 2

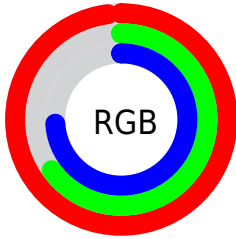
Format	Color
R _Y B	251, 165, 189
Decimal	16491965
CIE Lab	76.74, 34.92, 0.89
CIE LCh	77, 34.927, 1.457
Yxy	51.0936, 0.3711, 0.3037
Android (android.graphics.Color)	4294682045 (0xFFFBA5BD)
YUV	193.4500, -2.1938, 50.4714
Hunter-Lab	71.4798, 30.8181, 4.6552

Details

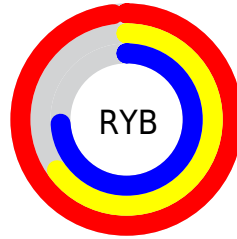
The Yxy color **51.0936, 0.3711, 0.3037** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.5627, 0.2757, 0.3563**, and the grayscale version is **53.6022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5655, 0.3209, 0.3055**, and **24.7034, 0.3869, 0.2966** is the 20% darker color. If you saturate the color by 10%, you get **42.1748, 0.3970, 0.2964**, and if you desaturate by 10%, it is **61.8925, 0.3497, 0.3114**.

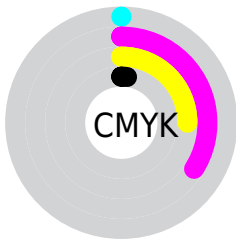
Distribution



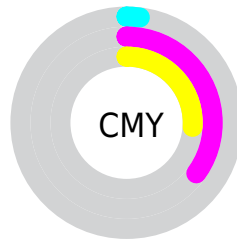
- Red (98%)
- Green (65%)
- Blue (74%)



- Red (98%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0936, 0.3711, 0.3037 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 51.0936, 0.3711, 0.3037 by changing the saturation by 10% instead.


 51.0936, 0.3711,
0.3037


 51.0936, 0.3711,
0.3037


390.9273, 0.3423,
0.3162

 36.2831, 0.3781,
0.3006


 91.7931, 0.3608,
0.3082

 24.6529, 0.3871,
0.2967


 118.4509, 0.3568,
0.3099

 15.8187, 0.3988,
0.2915


149.8266, 0.3535,
0.3114

 9.3959, 0.4150,
0.2844

186.3046, 0.3507,
0.3126

 5.0003, 0.4383,
0.2740

228.2693, 0.3482,
0.3137

 2.2474, 0.4751,
0.2575

276.1050, 0.3460,

 0.7457, 0.5442,

0.3147

0.2273

330.1962, 0.3441,
0.3155

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0936, 0.3711,
0.3037

51.0936, 0.3711,
0.3037

42.1748, 0.3970,
0.2964

61.8925, 0.3497,
0.3114

35.0207, 0.4277,
0.2900

74.6636, 0.3322,
0.3189

29.5146, 0.4626,
0.2858

89.5016, 0.3179,
0.3261

25.5225, 0.5003,
0.2847

99.2559, 0.3103,
0.3290

■ 22.8892, 0.5380,
0.2879

■ 21.4249, 0.5716,
0.2957

■ 20.9584, 0.5881,
0.3013

Harmonies

Analogous

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



51.0936, 0.3248, 0.2737



51.0936, 0.3711, 0.3037



51.0936, 0.4016, 0.3405

Triad

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



51.0936, 0.3711, 0.3037



51.0936, 0.3425, 0.4145



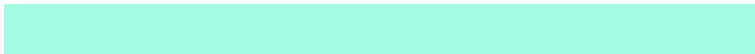
51.0936, 0.2273, 0.2717

Complementary

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



51.0936, 0.3711, 0.3037



82.5627, 0.2757, 0.3563

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.



51.0936, 0.2312, 0.3069



51.0936, 0.3711, 0.3037



51.0936, 0.2956, 0.3952

Square

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



51.0936, 0.3711, 0.3037



51.0936, 0.3832, 0.4058



51.0936, 0.2553, 0.3534



51.0936, 0.2437, 0.2547

Rectangle

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



51.0936, 0.3711, 0.3037



51.0936, 0.4074, 0.3656



51.0936, 0.2553, 0.3534



51.0936, 0.2263, 0.2816

Sweetspot

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



51.0960, 0.3711, 0.3037



83.6676, 0.3257, 0.3220



50.1486, 0.2970, 0.2385



17.4549, 0.3278, 0.3210



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.



51.0960, 0.3711, 0.3037



46.4962, 0.3881, 0.2987



57.3606, 0.3874, 0.3491



17.3048, 0.3250, 0.3224



11.0342, 0.5839, 0.2990



1.0392, 0.5503, 0.2805

Inverse Universe

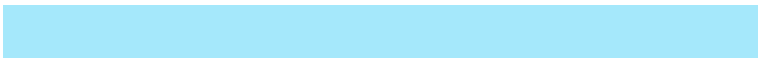
The Inverse Universe completely reimagines the original color for something new.



51.0960, 0.3711, 0.3037



46.4962, 0.3881, 0.2987



72.8998, 0.2613, 0.3077



17.3048, 0.3250, 0.3224



11.0342, 0.5839, 0.2990



1.0392, 0.5503, 0.2805

Previews

White Background



This preview shows how the Yxy color 51.0936, 0.3711, 0.3037 looks on a white background.

Color Contrast Check

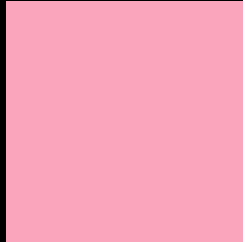
Large Text (above 18pt) WCAG AA × Fail

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 51.0936, 0.3711, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

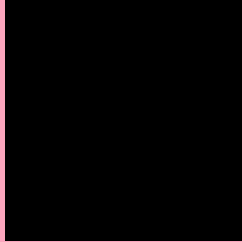
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0936, 0.3711, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 51.0936, 0.3711, 0.3037.



This preview shows how white text looks on a background with the Yxy color 51.0936, 0.3711, 0.3037.

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

51.0936, 0.3711, 0.3037

Protanopia

51.5258, 0.3023, 0.3117

Deuteranopia

51.5278, 0.3333, 0.3267



Tritanopia

51.2161, 0.3791, 0.3164

Trichromacy



Original Color

51.0936, 0.3711, 0.3037



Protanomaly

50.7168, 0.3257, 0.3078



Deuteranomaly

51.0397, 0.3469, 0.3176



Tritanomaly

51.0153, 0.3756, 0.3110

Monochromacy



Original Color

51.0936, 0.3711, 0.3037



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.9689, 0.3320, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0936, 0.3711, 0.3037 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(251, 165, 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(251, 165, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 165, 189) }
```

Border

The CSS property to change the border of an element to Yxy 51.0936, 0.3711, 0.3037 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, 189) }
```

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

```
.border{ border-color:rgb(251, 165, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 165, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 165, 189);  
box-shadow:4px 4px 4px 4px rgb(251, 165,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0936, 0.3711, 0.3037 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, 189) }
```

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

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