

Converting Colors

$Y_{xy}(72.1161, 0.4440, 0.3063)$

Have a look what the booklet for
Yxy(72.1161, 0.4440, 0.3063)
contains.

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Color

Yxy(51.3046, 0.3713, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3C1
RGB	255, 163, 193
RGB Percent	100%, 64%, 76%
CMY	0.0000, 0.3608, 0.2430
CMYK	0.00, 0.36, 0.24, 0.00
HSL	340°, 100%, 82%
HSV	340°, 36%, 100%
XYZ	63.9671, 51.3046, 57.0070
YIQ	193.9280, 45.2020, 28.8340

Conversions

Conversions Part 2

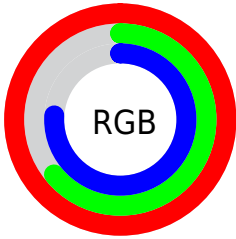
Format	Color
R _Y B	255, 163, 193
Decimal	16753601
CIE Lab	76.86, 37.90, -1.09
CIE LCh	77, 37.913, 358.358
Yxy	51.3046, 0.3713, 0.2978
Android (android.graphics.Color)	4294943681 (0xFFFFA3C1)
YUV	193.9280, -0.4575, 53.5601
Hunter-Lab	71.6272, 34.0627, 2.9510

Details

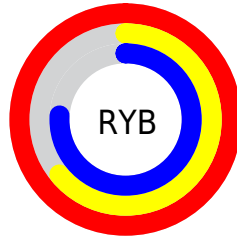
The Yxy color **51.3046, 0.3713, 0.2978** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.7405, 0.2762, 0.3631**, and the grayscale version is **53.8886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7626, 0.3183, 0.2997**, and **24.9156, 0.3871, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **42.4232, 0.3961, 0.2893**, and if you desaturate by 10%, it is **62.1043, 0.3506, 0.3068**.

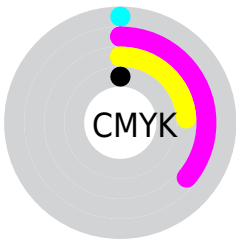
Distribution



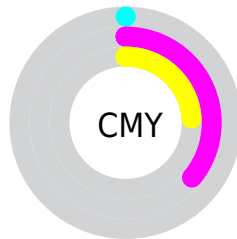
- Red (100%)
- Green (64%)
- Blue (76%)



- Red (100%)
- Yellow (64%)
- Blue (76%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3046, 0.3713, 0.2978 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 51.3046, 0.3713, 0.2978 by changing the saturation by 10% instead.


 51.3046, 0.3713,
0.2978


 51.3046, 0.3713,
0.2978


391.7461, 0.3426,
0.3130

 36.4511, 0.3783,
0.2941


 92.1049, 0.3610,
0.3033

 24.7828, 0.3872,
0.2894


 118.8204, 0.3571,
0.3053

 15.9153, 0.3988,
0.2833


150.2587, 0.3538,
0.3071

 9.4642, 0.4147,
0.2750

186.8042, 0.3509,
0.3086

 5.0452, 0.4376,
0.2631

228.8413, 0.3484,
0.3099

 2.2738, 0.4735,
0.2446

276.7544, 0.3462,

 0.7598, 0.5374,

0.3111

0.2114

330.9279, 0.3443,
0.3121

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.3046, 0.3713,
0.2978

■ 51.3046, 0.3713,
0.2978

■ 42.4232, 0.3961,
0.2893

■ 62.1043, 0.3506,
0.3068

■ 35.3410, 0.4252,
0.2821

■ 74.9206, 0.3337,
0.3156

■ 29.9344, 0.4581,
0.2773

■ 89.8520, 0.3198,
0.3241

■ 26.0615, 0.4934,
0.2761

100.0000, 0.3127,
0.3290

■ 23.5569, 0.5285,
0.2797

■ 22.2153, 0.5603,
0.2882

■ 21.8887, 0.5715,
0.2922

Harmonies

Analogous

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



51.3046, 0.3201, 0.2669



51.3046, 0.3713, 0.2978



51.3046, 0.4069, 0.3367

Triad

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



51.3046, 0.3713, 0.2978



51.3046, 0.3496, 0.4223



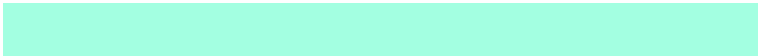
51.3046, 0.2202, 0.2699

Complementary

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



51.3046, 0.3713, 0.2978



84.7405, 0.2762, 0.3631

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.



51.3046, 0.2266, 0.3095



51.3046, 0.3713, 0.2978



51.3046, 0.2990, 0.4049

Square

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



51.3046, 0.3713, 0.2978



51.3046, 0.3923, 0.4094



51.3046, 0.2544, 0.3607



51.3046, 0.2356, 0.2499

Rectangle

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



51.3046, 0.3713, 0.2978



51.3046, 0.4153, 0.3638



51.3046, 0.2544, 0.3607



51.3046, 0.2199, 0.2811

Sweetspot

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



51.3065, 0.3713, 0.2978



82.2333, 0.3263, 0.3200



49.3150, 0.2922, 0.2324



17.1719, 0.3282, 0.3188



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.



51.3065, 0.3713, 0.2978



44.9605, 0.3880, 0.2918



55.8779, 0.3946, 0.3454



18.0849, 0.3243, 0.3213



11.4616, 0.5672, 0.2898



1.1351, 0.5353, 0.2723

Inverse Universe

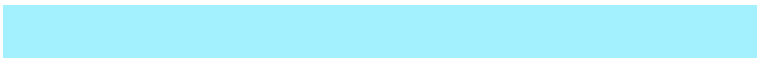
The Inverse Universe completely reimagines the original color for something new.



51.3065, 0.3713, 0.2978



44.9605, 0.3880, 0.2918



77.1306, 0.2595, 0.3117



18.0849, 0.3243, 0.3213



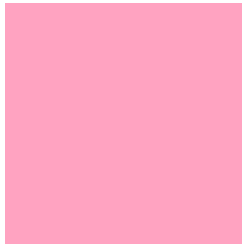
11.4616, 0.5672, 0.2898



1.1351, 0.5353, 0.2723

Previews

White Background



This preview shows how the Yxy color 51.3046, 0.3713, 0.2978 looks on a white background.

Color Contrast Check

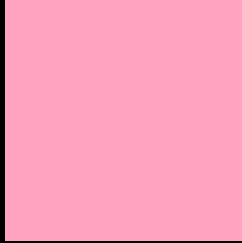
Large Text (above 18pt) WCAG AA × Fail

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 51.3046, 0.3713, 0.2978 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 51.3046, 0.3713, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 51.3046, 0.3713, 0.2978.



This preview shows how white text looks on a background with the Yxy color 51.3046, 0.3713, 0.2978.

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

51.3046, 0.3713, 0.2978

Protanopia

51.6900, 0.2971, 0.3045

Deuteranopia

51.5104, 0.3300, 0.3231



Tritanopia

51.3694, 0.3831, 0.3165

Trichromacy



Original Color

51.3046, 0.3713, 0.2978



Protanomaly

50.9514, 0.3216, 0.3021



Deuteranomaly

50.9371, 0.3453, 0.3131



Tritanomaly

51.4000, 0.3795, 0.3102

Monochromacy



Original Color

51.3046, 0.3713, 0.2978



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.3609, 0.3321, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3046, 0.3713, 0.2978 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(255, 163, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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(255, 163, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.3046, 0.3713, 0.2978 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(255, 163, 193) }
```

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

```
.border{ border-color:rgb(255, 163, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3046, 0.3713, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 193) }
```

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

```
.background{ background-color: rgb(255,  
163, 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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