

Converting Colors

$Y_{xy}(53.0355, 0.3473, 0.2849)$

Have a look what the booklet for
Yxy(53.0355, 0.3473, 0.2849)
contains.

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Color

Yxy(53.0355, 0.3473, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	F8A9D3
RGB	248, 169, 211
RGB Percent	97%, 66%, 83%
CMY	0.0276, 0.3372, 0.1725
CMYK	0.00, 0.32, 0.15, 0.03
HSL	328°, 85%, 82%
HSV	328°, 32%, 97%
XYZ	64.6516, 53.0355, 68.4677
YIQ	197.4090, 33.6020, 29.8100

Conversions

Conversions Part 2

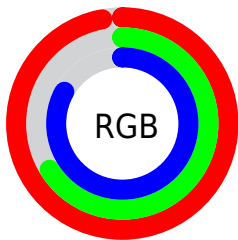
Format	Color
R _Y B	248, 169, 211
Decimal	16296403
CIE Lab	77.90, 35.00, -9.46
CIE LCh	78, 36.258, 344.883
Yxy	53.0355, 0.3473, 0.2849
Android (android.graphics.Color)	4294486483 (0xFFF8A9D3)
YUV	197.4090, 6.7004, 44.3683
Hunter-Lab	72.8255, 31.0206, -4.7644

Details

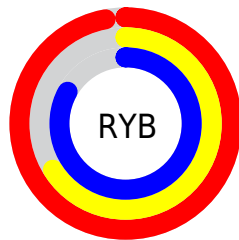
The Yxy color **53.0355, 0.3473, 0.2849** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.0103, 0.2885, 0.3780**, and the grayscale version is **56.0400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **25.8382, 0.3562, 0.2749** is the 20% darker color. If you saturate the color by 10%, you get **44.1074, 0.3627, 0.2708**, and if you desaturate by 10%, it is **63.7601, 0.3342, 0.2992**.

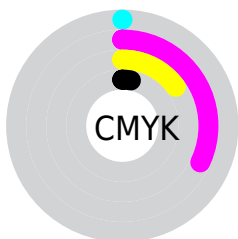
Distribution



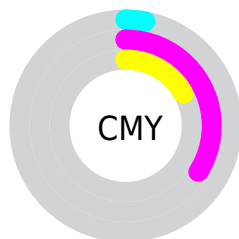
- Red (97%)
- Green (66%)
- Blue (83%)



- Red (97%)
- Yellow (66%)
- Blue (83%)



- Cyan (0%)
- Magenta (32%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (34%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0355, 0.3473, 0.2849 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 53.0355, 0.3473, 0.2849 by changing the saturation by 10% instead.


 53.0355, 0.3473,
0.2849


 53.0355, 0.3473,
0.2849


398.4213, 0.3308,
0.3057

 37.8311, 0.3512,
0.2801


 94.6566, 0.3415,
0.2922

 25.8516, 0.3561,
0.2740


 121.8421, 0.3392,
0.2950

 16.7127, 0.3624,
0.2663

153.7901, 0.3373,
0.2974

 10.0299, 0.3709,
0.2561

190.8850, 0.3356,
0.2995

 5.4188, 0.3828,
0.2420

233.5112, 0.3342,
0.3013

 2.4950, 0.4007,
0.2213

282.0530, 0.3329,

 0.8741, 0.4305,

0.3030

0.1883

336.8949, 0.3318,
0.3044

0.0000, 0.6084,
0.0000

0.0000, 0.0000,
0.0000

53.0355, 0.3473,
0.2849

53.0355, 0.3473,
0.2849

44.1074, 0.3627,
0.2708

63.7601, 0.3342,
0.2992

36.8684, 0.3805,
0.2578

76.3661, 0.3233,
0.3133

31.2110, 0.4006,
0.2470

90.9418, 0.3142,
0.3266

27.0121, 0.4225,
0.2396

98.6916, 0.3084,
0.3290

■ 24.1300, 0.4454,
0.2368

■ 22.3945, 0.4681,
0.2394

■ 21.6150, 0.4860,
0.2451

Harmonies

Analogous

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



53.0355, 0.2978, 0.2607



53.0355, 0.3473, 0.2849



53.0355, 0.3895, 0.3194

Triad

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



53.0355, 0.3473, 0.2849



53.0355, 0.3678, 0.4149



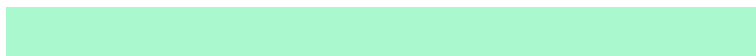
53.0355, 0.2249, 0.2880

Complementary

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



53.0355, 0.3473, 0.2849



80.0103, 0.2885, 0.3780

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.



53.0355, 0.2405, 0.3320



53.0355, 0.3473, 0.2849



53.0355, 0.3216, 0.4116

Square

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



53.0355, 0.3473, 0.2849



53.0355, 0.4006, 0.3932



53.0355, 0.2751, 0.3797



53.0355, 0.2303, 0.2601

Rectangle

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



53.0355, 0.3473, 0.2849



53.0355, 0.4058, 0.3451



53.0355, 0.2751, 0.3797



53.0355, 0.2278, 0.3013

Sweetspot

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



53.0379, 0.3473, 0.2849



84.0507, 0.3215, 0.3158



48.2603, 0.2828, 0.2414



17.5473, 0.3229, 0.3138



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.



53.0379, 0.3473, 0.2849



50.3833, 0.3566, 0.2761



51.2990, 0.3837, 0.3264



17.3796, 0.3210, 0.3165



11.7079, 0.4827, 0.2433



1.1058, 0.4580, 0.2297

Inverse Universe

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



53.0379, 0.3473, 0.2849



50.3833, 0.3566, 0.2761



82.1688, 0.2684, 0.3318



17.3796, 0.3210, 0.3165



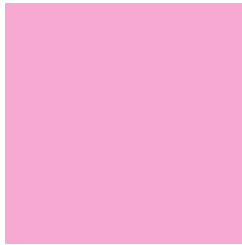
11.7079, 0.4827, 0.2433



1.1058, 0.4580, 0.2297

Previews

White Background



This preview shows how the Yxy color 53.0355, 0.3473, 0.2849 looks on a white background.

Color Contrast Check

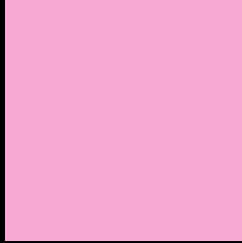
Large Text (above 18pt) WCAG AA × Fail

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 53.0355, 0.3473, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

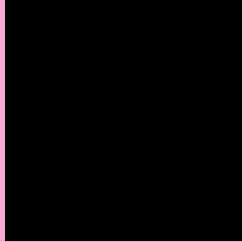
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0355, 0.3473, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 53.0355, 0.3473, 0.2849.



This preview shows how white text looks on a background with the Yxy color 53.0355, 0.3473, 0.2849.

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

53.0355, 0.3473, 0.2849

Protanopia

53.2626, 0.2854, 0.2884

Deuteranopia

53.0739, 0.3114, 0.3042



Tritanopia

52.8875, 0.3655, 0.3140

Trichromacy



Original Color

53.0355, 0.3473, 0.2849



Protanomaly

52.5896, 0.3057, 0.2864



Deuteranomaly

52.6181, 0.3244, 0.2961



Tritanomaly

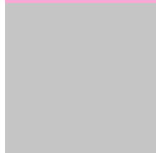
53.0834, 0.3585, 0.3034

Monochromacy



Original Color

53.0355, 0.3473, 0.2849



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.4038, 0.3251, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0355, 0.3473, 0.2849 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, 169, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 169, 211)  
}
```

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, 169, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 169, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.0355, 0.3473, 0.2849 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, 169, 211) }
```

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

```
.border{ border-color:rgb(248, 169, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 169, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 169, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 169, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 169,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0355, 0.3473, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 169, 211) }
```

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

```
.background{ background-color: rgb(248,  
169, 211) }
```

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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