

Converting Colors

Yxy(53.5416, 0.3663, 0.3039)

Have a look what the booklet for
Yxy(53.5416, 0.3663, 0.3039)
contains.

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Color

Yxy(53.5271, 0.3669, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	FDAAC2
RGB	253, 170, 194
RGB Percent	99%, 67%, 76%
CMY	0.0078, 0.3333, 0.2391
CMYK	0.00, 0.33, 0.23, 0.01
HSL	343°, 95%, 83%
HSV	343°, 33%, 99%
XYZ	64.6235, 53.5271, 57.9833
YIQ	197.5530, 41.7640, 25.0600

Conversions

Conversions Part 2

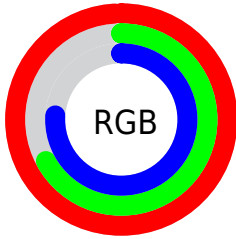
Format	Color
R _Y B	253, 170, 194
Decimal	16624322
CIE Lab	78.19, 33.69, 0.28
CIE LCh	78, 33.694, 0.472
Yxy	53.5271, 0.3669, 0.3039
Android (android.graphics.Color)	4294814402 (0xFFFDAAC2)
YUV	197.5530, -1.7516, 48.6270
Hunter-Lab	73.1622, 29.6336, 4.2244

Details

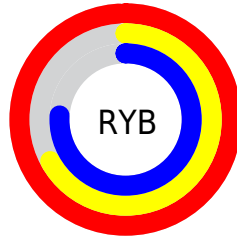
The Yxy color **53.5271, 0.3669, 0.3039** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.4535, 0.2775, 0.3560**, and the grayscale version is **56.1809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5548, 0.3173, 0.3056**, and **26.2181, 0.3822, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **44.1796, 0.3917, 0.2962**, and if you desaturate by 10%, it is **64.8025, 0.3464, 0.3119**.

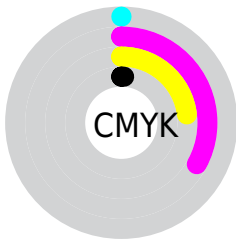
Distribution



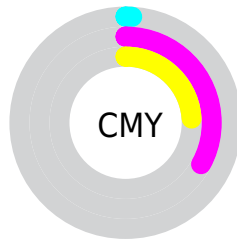
- Red (99%)
- Green (67%)
- Blue (76%)



- Red (99%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (1%)





- Cyan (1%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5271, 0.3669, 0.3039 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 53.5271, 0.3669, 0.3039 by changing the saturation by 10% instead.

 53.5271, 0.3669,
0.3039

 53.5271, 0.3669,
0.3039

400.3041, 0.3404,
0.3162

 38.2237, 0.3733,
0.3009


 95.3795, 0.3574,
0.3083

 26.1564, 0.3814,
0.2971

122.6974, 0.3538,
0.3100

 16.9407, 0.3920,
0.2922


154.7888, 0.3508,
0.3114

 10.1922, 0.4065,
0.2855

192.0383, 0.3481,
0.3126

 5.5266, 0.4273,
0.2758

234.8302, 0.3458,
0.3137

 2.5594, 0.4595,
0.2607

283.5488, 0.3438,

 0.9063, 0.5158,

0.3146

0.2342

338.5787, 0.3420,
0.3155

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5271, 0.3669,
0.3039

53.5271, 0.3669,
0.3039

44.1796, 0.3917,
0.2962

64.8025, 0.3464,
0.3119

36.6439, 0.4212,
0.2894

78.0982, 0.3297,
0.3197

30.8030, 0.4550,
0.2845

93.5098, 0.3161,
0.3270

26.5232, 0.4919,
0.2827

99.6230, 0.3115,
0.3290

■ 23.6501, 0.5293,
0.2852

■ 21.9970, 0.5635,
0.2923

■ 21.3674, 0.5846,
0.2994

Harmonies

Analogous

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



53.5271, 0.3228, 0.2755



53.5271, 0.3669, 0.3039



53.5271, 0.3965, 0.3391

Triad

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



53.5271, 0.3669, 0.3039



53.5271, 0.3426, 0.4101



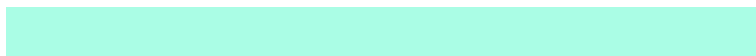
53.5271, 0.2310, 0.2755

Complementary

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



53.5271, 0.3669, 0.3039



84.4535, 0.2775, 0.3560

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.



53.5271, 0.2355, 0.3095



53.5271, 0.3669, 0.3039



53.5271, 0.2980, 0.3926

Square

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



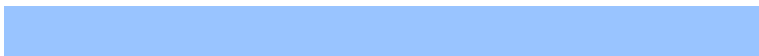
53.5271, 0.3669, 0.3039



53.5271, 0.3809, 0.4015



53.5271, 0.2592, 0.3537



53.5271, 0.2461, 0.2584

Rectangle

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



53.5271, 0.3669, 0.3039



53.5271, 0.4027, 0.3630



53.5271, 0.2592, 0.3537



53.5271, 0.2303, 0.2851

Sweetspot

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



53.5296, 0.3669, 0.3039



83.6833, 0.3256, 0.3218



52.3527, 0.2967, 0.2422



17.4587, 0.3276, 0.3207



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.



53.5296, 0.3669, 0.3039



48.3613, 0.3818, 0.2990



59.1573, 0.3836, 0.3467



18.0736, 0.3249, 0.3221



11.3882, 0.5805, 0.2972



1.1268, 0.5485, 0.2795

Inverse Universe

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



53.5296, 0.3669, 0.3039



48.3613, 0.3818, 0.2990



75.8608, 0.2635, 0.3103



18.0736, 0.3249, 0.3221



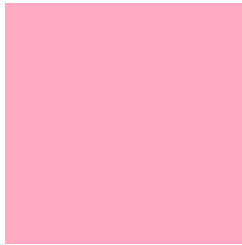
11.3882, 0.5805, 0.2972



1.1268, 0.5485, 0.2795

Previews

White Background



This preview shows how the Yxy color 53.5271, 0.3669, 0.3039 looks on a white background.

Color Contrast Check

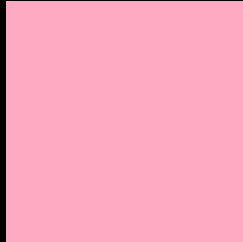
Large Text (above 18pt) WCAG AA × Fail

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 53.5271, 0.3669, 0.3039 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 53.5271, 0.3669, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 53.5271, 0.3669, 0.3039.



This preview shows how white text looks on a background with the Yxy color 53.5271, 0.3669, 0.3039.

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

53.5271, 0.3669, 0.3039

Protanopia

53.9824, 0.3025, 0.3120

Deuteranopia

53.4484, 0.3314, 0.3243



Tritanopia

53.7033, 0.3738, 0.3154

Trichromacy



Original Color

53.5271, 0.3669, 0.3039



Protanomaly

53.4093, 0.3245, 0.3093



Deuteranomaly

53.3475, 0.3444, 0.3166



Tritanomaly

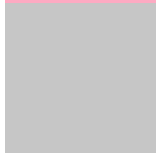
53.4521, 0.3713, 0.3112

Monochromacy



Original Color

53.5271, 0.3669, 0.3039



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.9031, 0.3307, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5271, 0.3669, 0.3039 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(253, 170, 194)` looks like.

```
.text, #text, p{  
    color:rgb(253, 170, 194)  
}
```

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(253, 170, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 170, 194) }
```

Border

The CSS property to change the border of an element to Yxy 53.5271, 0.3669, 0.3039 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(253, 170, 194) }
```

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

```
.border{ border-color:rgb(253, 170, 194) }
```

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

Here you see how a box with a 4 pixel rgb(253, 170, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 170, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 170, 194);  
box-shadow:4px 4px 4px 4px rgb(253, 170,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5271, 0.3669, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 170, 194) }
```

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

```
.background{ background-color: rgb(253,  
170, 194) }
```

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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