

Converting Colors

Yxy(53.3852, 0.3561, 0.2944)

Have a look what the booklet for
Yxy(53.3852, 0.3561, 0.2944)
contains.

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Color

Yxy(53.3852, 0.3561, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	FAAACB
RGB	250, 170, 203
RGB Percent	98%, 67%, 80%
CMY	0.0196, 0.3333, 0.2041
CMYK	0.00, 0.32, 0.19, 0.02
HSL	335°, 89%, 82%
HSV	335°, 32%, 98%
XYZ	64.5736, 53.3852, 63.3768
YIQ	197.6820, 37.0870, 27.2230

Conversions

Conversions Part 2

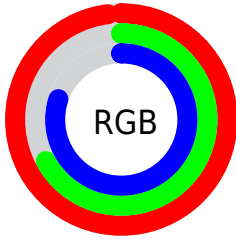
Format	Color
R _Y B	250, 170, 203
Decimal	16427723
CIE Lab	78.10, 33.94, -4.74
CIE LCh	78, 34.269, 352.043
Yxy	53.3852, 0.3561, 0.2944
Android (android.graphics.Color)	4294617803 (0xFFFAACB)
YUV	197.6820, 2.6218, 45.8829
Hunter-Lab	73.0652, 29.8908, -0.2826

Details

The Yxy color **53.3852, 0.3561, 0.2944** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.9284, 0.2834, 0.3668**, and the grayscale version is **56.2365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **26.0990, 0.3671, 0.2858** is the 20% darker color. If you saturate the color by 10%, you get **44.2204, 0.3759, 0.2834**, and if you desaturate by 10%, it is **64.4036, 0.3396, 0.3056**.

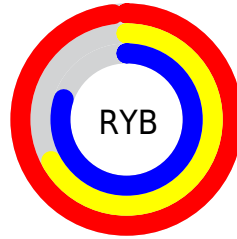
Distribution



Red (98%)

Green (67%)

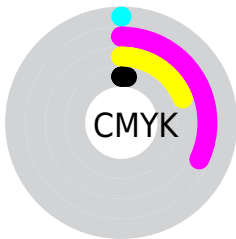
Blue (80%)



Red (98%)

Yellow (67%)

Blue (80%)

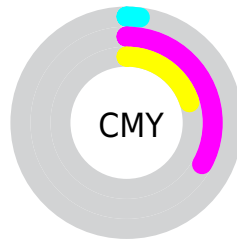


Cyan (0%)

Magenta (32%)

Yellow (19%)

Black (2%)



Cyan (2%)


Magenta (33%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3852, 0.3561, 0.2944 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 53.3852, 0.3561, 0.2944 by changing the saturation by 10% instead.


 53.3852, 0.3561,
0.2944

 53.3852, 0.3561,
0.2944


399.7612, 0.3351,
0.3109

 38.1104, 0.3611,
0.2905


 95.1709, 0.3486,
0.3002

 26.0684, 0.3675,
0.2856


122.4506, 0.3458,
0.3025

 16.8748, 0.3758,
0.2793


154.5007, 0.3433,
0.3044

 10.1453, 0.3870,
0.2708

191.7057, 0.3412,
0.3061

 5.4954, 0.4029,
0.2590

234.4498, 0.3394,
0.3075

 2.5407, 0.4275,
0.2412

283.1175, 0.3378,

 0.8970, 0.4697,

0.3088

0.2116

338.0932, 0.3364,
0.3099

0.0000, 0.8594,
0.0000

0.0000, 0.0000,
0.0000

53.3852, 0.3561,
0.2944

53.3852, 0.3561,
0.2944

44.2204, 0.3759,
0.2834

64.4036, 0.3396,
0.3056

36.7985, 0.3992,
0.2733

77.3631, 0.3259,
0.3166

31.0086, 0.4258,
0.2653

92.3548, 0.3147,
0.3270

26.7239, 0.4551,
0.2606

99.0632, 0.3096,
0.3290

■ 23.7984, 0.4856,
0.2606

■ 22.0563, 0.5154,
0.2659

■ 21.3023, 0.5374,
0.2734

Harmonies

Analogous

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



53.3852, 0.3097, 0.2685



53.3852, 0.3561, 0.2944



53.3852, 0.3918, 0.3288

Triad

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



53.3852, 0.3561, 0.2944



53.3852, 0.3552, 0.4117



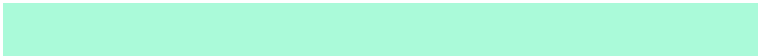
53.3852, 0.2289, 0.2826

Complementary

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



53.3852, 0.3561, 0.2944



81.9284, 0.2834, 0.3668

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.



53.3852, 0.2391, 0.3212



53.3852, 0.3561, 0.2944



53.3852, 0.3104, 0.4016

Square

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



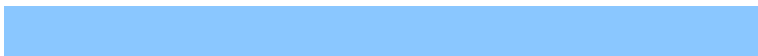
53.3852, 0.3561, 0.2944



53.3852, 0.3901, 0.3964



53.3852, 0.2681, 0.3667



53.3852, 0.2388, 0.2602

Rectangle

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



53.3852, 0.3561, 0.2944



53.3852, 0.4031, 0.3534



53.3852, 0.2681, 0.3667



53.3852, 0.2300, 0.2940

Sweetspot

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



53.3877, 0.3561, 0.2944



83.8673, 0.3235, 0.3187



50.3575, 0.2899, 0.2427



17.5030, 0.3252, 0.3172



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.



53.3877, 0.3561, 0.2944



49.8259, 0.3677, 0.2877



54.5434, 0.3844, 0.3364



17.3438, 0.3229, 0.3193



11.3268, 0.5333, 0.2711



1.0696, 0.5022, 0.2540

Inverse Universe

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



53.3877, 0.3561, 0.2944



49.8259, 0.3677, 0.2877



79.7487, 0.2660, 0.3215



17.3438, 0.3229, 0.3193



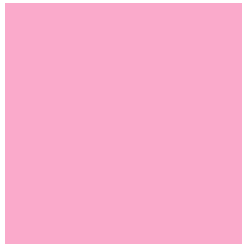
11.3268, 0.5333, 0.2711



1.0696, 0.5022, 0.2540

Previews

White Background



This preview shows how the Yxy color 53.3852, 0.3561, 0.2944 looks on a white background.

Color Contrast Check

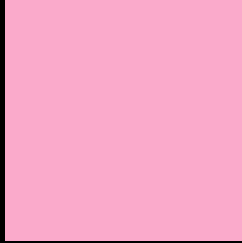
Large Text (above 18pt) WCAG AA × Fail

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 53.3852, 0.3561, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

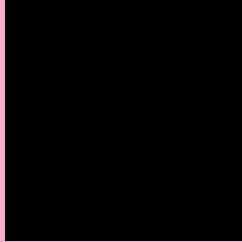
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3852, 0.3561, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 53.3852, 0.3561, 0.2944.



This preview shows how white text looks on a background with the Yxy color 53.3852, 0.3561, 0.2944.

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

53.3852, 0.3561, 0.2944

Protanopia

53.6562, 0.2931, 0.2989

Deuteranopia

53.6919, 0.3208, 0.3149



Tritanopia

53.3888, 0.3691, 0.3152

Trichromacy



Original Color

53.3852, 0.3561, 0.2944



Protanomaly

53.0315, 0.3142, 0.2966



Deuteranomaly

53.1121, 0.3334, 0.3063



Tritanomaly

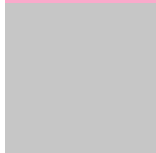
53.4506, 0.3648, 0.3078

Monochromacy



Original Color

53.3852, 0.3561, 0.2944



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.8883, 0.3275, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3852, 0.3561, 0.2944 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(250, 170, 203)` looks like.

```
.text, #text, p{  
    color:rgb(250, 170, 203)  
}
```

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(250, 170, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 170, 203) }
```

Border

The CSS property to change the border of an element to Yxy 53.3852, 0.3561, 0.2944 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(250, 170, 203) }
```

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

```
.border{ border-color:rgb(250, 170, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 170, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 170, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 170, 203);  
box-shadow:4px 4px 4px 4px rgb(250, 170,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3852, 0.3561, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 170, 203) }
```

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

```
.background{ background-color: rgb(250,  
170, 203) }
```

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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