

Converting Colors

Yxy(53.5594, 0.3720, 0.3143)

Have a look what the booklet for
Yxy(53.5594, 0.3720, 0.3143)
contains.

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Color

Yxy(53.5594, 0.3720, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	FBACBA
RGB	251, 172, 186
RGB Percent	98%, 67%, 73%
CMY	0.0158, 0.3254, 0.2705
CMYK	0.00, 0.31, 0.26, 0.02
HSL	349°, 91%, 83%
HSV	349°, 31%, 98%
XYZ	63.3920, 53.5594, 53.4572
YIQ	197.2170, 42.5900, 21.1020

Conversions

Conversions Part 2

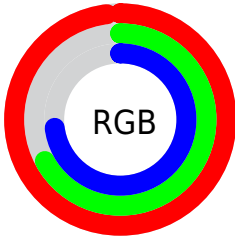
Format	Color
R _Y B	251, 172, 186
Decimal	16493754
CIE Lab	78.20, 30.80, 4.64
CIE LCh	78, 31.149, 8.573
Yxy	53.5594, 0.3720, 0.3143
Android (android.graphics.Color)	4294683834 (0xFFFBACBA)
YUV	197.2170, -5.5300, 47.1677
Hunter-Lab	73.1843, 26.5436, 7.9209

Details

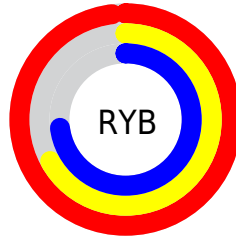
The Yxy color **53.5594, 0.3720, 0.3143** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.8619, 0.2744, 0.3445**, and the grayscale version is **55.9891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1576, 0.3223, 0.3153**, and **26.2246, 0.3881, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **44.0769, 0.4005, 0.3096**, and if you desaturate by 10%, it is **64.9777, 0.3487, 0.3192**.

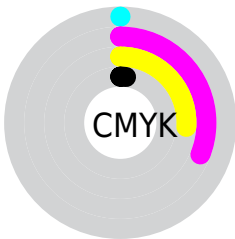
Distribution



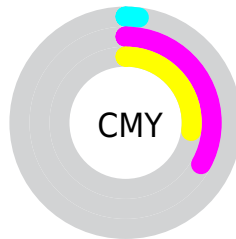
- Red (98%)
- Green (67%)
- Blue (73%)



- Red (98%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (2%)




- Cyan (2%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5594, 0.3720, 0.3143 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 53.5594, 0.3720, 0.3143 by changing the saturation by 10% instead.

 53.5594, 0.3720,
0.3143

 53.5594, 0.3720,
0.3143


400.4276, 0.3429,
0.3218

 38.2495, 0.3791,
0.3124


 95.4270, 0.3615,
0.3171

 26.1764, 0.3881,
0.3099

122.7535, 0.3576,
0.3181

 16.9557, 0.3999,
0.3066


154.8544, 0.3542,
0.3190

 10.2029, 0.4160,
0.3019

192.1140, 0.3513,
0.3197

 5.5337, 0.4393,
0.2948

234.9167, 0.3488,
0.3203

 2.5637, 0.4756,
0.2832

283.6470, 0.3466,

 0.9084, 0.5440,

0.3209

0.2634

338.6892, 0.3446,
0.3214

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5594, 0.3720,
0.3143

53.5594, 0.3720,
0.3143

44.0769, 0.4005,
0.3096

64.9777, 0.3487,
0.3192

36.4155, 0.4346,
0.3055

78.4231, 0.3298,
0.3239

30.4599, 0.4739,
0.3028

93.9903, 0.3147,
0.3284

26.0786, 0.5164,
0.3024

99.2437, 0.3102,
0.3290

■ 23.1207, 0.5583,
0.3050

■ 21.4054, 0.5941,
0.3108

■ 20.6892, 0.6169,
0.3172

Harmonies

Analogous

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



53.5594, 0.3337, 0.2855



53.5594, 0.3720, 0.3143



53.5594, 0.3937, 0.3478

Triad

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



53.5594, 0.3720, 0.3143



53.5594, 0.3296, 0.4017



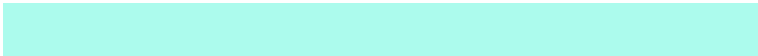
53.5594, 0.2388, 0.2736

Complementary

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



53.5594, 0.3720, 0.3143



83.8619, 0.2744, 0.3445

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.



53.5594, 0.2380, 0.3014



53.5594, 0.3720, 0.3143



53.5594, 0.2886, 0.3793

Square

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



53.5594, 0.3720, 0.3143



53.5594, 0.3676, 0.4004



53.5594, 0.2556, 0.3407



53.5594, 0.2577, 0.2620

Rectangle

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



53.5594, 0.3720, 0.3143



53.5594, 0.3951, 0.3695



53.5594, 0.2556, 0.3407



53.5594, 0.2364, 0.2812

Sweetspot

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



53.5619, 0.3720, 0.3143



85.0643, 0.3258, 0.3250



54.3936, 0.3048, 0.2478



17.7271, 0.3282, 0.3244



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.



53.5619, 0.3720, 0.3143



48.8537, 0.3901, 0.3112



63.4250, 0.3767, 0.3556



17.2754, 0.3266, 0.3248



10.8928, 0.6135, 0.3153



1.0223, 0.5833, 0.2987

Inverse Universe

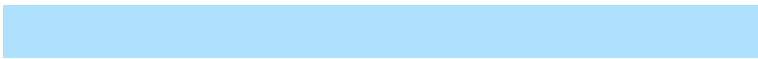
The Inverse Universe completely reimagines the original color for something new.



53.5619, 0.3720, 0.3143



48.8537, 0.3901, 0.3112



70.1121, 0.2641, 0.3006



17.2754, 0.3266, 0.3248



10.8928, 0.6135, 0.3153



1.0223, 0.5833, 0.2987

Previews

White Background



This preview shows how the Yxy color 53.5594, 0.3720, 0.3143 looks on a white background.

Color Contrast Check

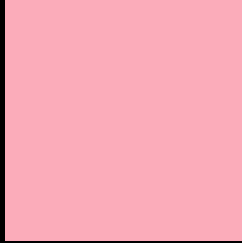
Large Text (above 18pt) WCAG AA × Fail

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 53.5594, 0.3720, 0.3143 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 53.5594, 0.3720, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 53.5594, 0.3720, 0.3143.



This preview shows how white text looks on a background with the Yxy color 53.5594, 0.3720, 0.3143.

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

53.5594, 0.3720, 0.3143

Protanopia

53.9529, 0.3114, 0.3229

Deuteranopia

53.5585, 0.3405, 0.3338



Tritanopia

53.5171, 0.3730, 0.3154

Trichromacy



Original Color

53.5594, 0.3720, 0.3143



Protanomaly

53.1919, 0.3318, 0.3185



Deuteranomaly

53.5746, 0.3520, 0.3268



Tritanomaly

53.5171, 0.3730, 0.3154

Monochromacy



Original Color

53.5594, 0.3720, 0.3143



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.5684, 0.3331, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5594, 0.3720, 0.3143 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, 172, 186)` looks like.

```
.text, #text, p{  
    color:rgb(251, 172, 186)  
}
```

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, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 172, 186) }
```

Border

The CSS property to change the border of an element to Yxy 53.5594, 0.3720, 0.3143 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, 172, 186) }
```

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

```
.border{ border-color:rgb(251, 172, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 172, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 172, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 172, 186);  
box-shadow:4px 4px 4px 4px rgb(251, 172,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5594, 0.3720, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 172, 186) }
```

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

```
.background{ background-color: rgb(251,  
172, 186) }
```

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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