

Converting Colors

$Y_{xy}(51.9265, 0.3555, 0.2969)$

Have a look what the booklet for
Yxy(51.9265, 0.3555, 0.2969)
contains.

Yxy(51.9119, 0.3555, 0.2969)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.9119, 0.3555, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	F5A9C7
RGB	245, 169, 199
RGB Percent	96%, 66%, 78%
CMY	0.0391, 0.3373, 0.2196
CMYK	0.00, 0.31, 0.19, 0.04
HSL	336°, 79%, 81%
HSV	336°, 31%, 96%
XYZ	62.1579, 51.9119, 60.7766
YIQ	195.1440, 35.6660, 25.4420

Conversions

Conversions Part 2

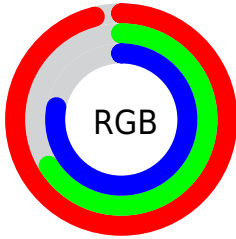
Format	Color
R _Y B	245, 169, 199
Decimal	16099783
CIE Lab	77.23, 32.15, -3.93
CIE LCh	77, 32.394, 353.023
Yxy	51.9119, 0.3555, 0.2969
Android (android.graphics.Color)	4294289863 (0xFFFF5A9C7)
YUV	195.1440, 1.9010, 43.7237
Hunter-Lab	72.0499, 27.9057, 0.4218

Details

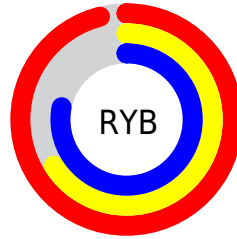
The Yxy color **51.9119, 0.3555, 0.2969** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.6586, 0.2835, 0.3638**, and the grayscale version is **54.6377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **25.2265, 0.3677, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **42.9805, 0.3756, 0.2863**, and if you desaturate by 10%, it is **62.6233, 0.3388, 0.3077**.

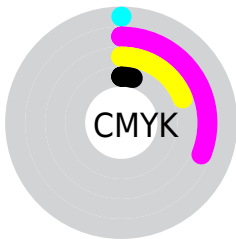
Distribution



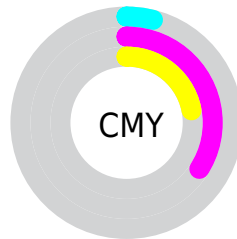
- Red (96%)
- Green (66%)
- Blue (78%)



- Red (96%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (31%)
- Yellow (19%)
- Black (4%)





- Cyan (4%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9119, 0.3555, 0.2969 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 51.9119, 0.3555, 0.2969 by changing the saturation by 10% instead.


 51.9119, 0.3555,
0.2969

 51.9119, 0.3555,
0.2969


394.0964, 0.3347,
0.3124

 36.9349, 0.3605,
0.2932


 93.0013, 0.3480,
0.3024

 25.1571, 0.3669,
0.2886


119.8824, 0.3452,
0.3045

 16.1941, 0.3753,
0.2826


151.5004, 0.3428,
0.3063

 9.6616, 0.3866,
0.2744

188.2396, 0.3407,
0.3078

 5.1752, 0.4029,
0.2630

230.4844, 0.3389,
0.3092

 2.3504, 0.4283,
0.2455

278.6192, 0.3373,

 0.8002, 0.4733,

0.3104

0.2152

333.0284, 0.3359,
0.3114

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9119, 0.3555,
0.2969

51.9119, 0.3555,
0.2969

42.9805, 0.3756,
0.2863

62.6233, 0.3388,
0.3077

35.7245, 0.3992,
0.2766

75.1976, 0.3250,
0.3181

30.0391, 0.4265,
0.2687

89.7210, 0.3138,
0.3280

25.8049, 0.4566,
0.2640

98.1561, 0.3066,
0.3290

■ 22.8849, 0.4881,
0.2637

■ 21.1153, 0.5189,
0.2688

■ 20.2736, 0.5443,
0.2772

Harmonies

Analogous

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



51.9119, 0.3114, 0.2717



51.9119, 0.3555, 0.2969



51.9119, 0.3889, 0.3301

Triad

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



51.9119, 0.3555, 0.2969



51.9119, 0.3521, 0.4079



51.9119, 0.2324, 0.2839

Complementary

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



51.9119, 0.3555, 0.2969



78.6586, 0.2835, 0.3638

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.



51.9119, 0.2416, 0.3204



51.9119, 0.3555, 0.2969



51.9119, 0.3092, 0.3972

Square

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



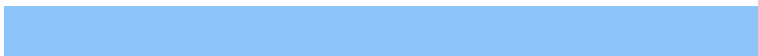
51.9119, 0.3555, 0.2969



51.9119, 0.3859, 0.3943



51.9119, 0.2690, 0.3635



51.9119, 0.2426, 0.2628

Rectangle

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



51.9119, 0.3555, 0.2969



51.9119, 0.3992, 0.3537



51.9119, 0.2690, 0.3635



51.9119, 0.2333, 0.2946

Sweetspot

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



51.9143, 0.3555, 0.2969



85.3587, 0.3226, 0.3202



49.3567, 0.2918, 0.2458



17.7992, 0.3244, 0.3187



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.



51.9143, 0.3555, 0.2969



50.6996, 0.3672, 0.2904



53.5666, 0.3810, 0.3375



16.5908, 0.3231, 0.3197



10.9452, 0.5401, 0.2749



0.9816, 0.5068, 0.2565

Inverse Universe

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



51.9143, 0.3555, 0.2969



50.6996, 0.3672, 0.2904



75.8389, 0.2671, 0.3203



16.5908, 0.3231, 0.3197



10.9452, 0.5401, 0.2749



0.9816, 0.5068, 0.2565

Previews

White Background



This preview shows how the Yxy color 51.9119, 0.3555, 0.2969 looks on a white background.

Color Contrast Check

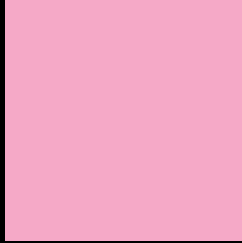
Large Text (above 18pt) WCAG AA × Fail

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 51.9119, 0.3555, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

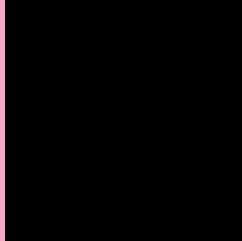
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9119, 0.3555, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 51.9119, 0.3555, 0.2969.



This preview shows how white text looks on a background with the Yxy color 51.9119, 0.3555, 0.2969.

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

51.9119, 0.3555, 0.2969

Protanopia

52.2717, 0.2950, 0.3022

Deuteranopia

51.9488, 0.3226, 0.3159



Tritanopia

51.6833, 0.3661, 0.3139

Trichromacy



Original Color

51.9119, 0.3555, 0.2969



Protanomaly

51.5162, 0.3158, 0.2997



Deuteranomaly

51.6436, 0.3344, 0.3083



Tritanomaly

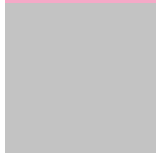
51.7003, 0.3626, 0.3075

Monochromacy



Original Color

51.9119, 0.3555, 0.2969



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.2495, 0.3275, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9119, 0.3555, 0.2969 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(245, 169, 199)` looks like.

```
.text, #text, p{  
    color:rgb(245, 169, 199)  
}
```

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(245, 169, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 169, 199) }
```

Border

The CSS property to change the border of an element to Yxy 51.9119, 0.3555, 0.2969 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(245, 169, 199) }
```

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

```
.border{ border-color:rgb(245, 169, 199) }
```

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

Here you see how a box with a 4 pixel rgb(245, 169, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 169, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 169, 199);  
box-shadow:4px 4px 4px 4px rgb(245, 169,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9119, 0.3555, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 169, 199) }
```

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

```
.background{ background-color: rgb(245,  
169, 199) }
```

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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