

Converting Colors

Yxy(51.1339, 0.3521, 0.2900)

Have a look what the booklet for
Yxy(51.1339, 0.3521, 0.2900)
contains.

Yxy(50.9967, 0.3524, 0.2895)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.9967, 0.3524, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	F5A6CB
RGB	245, 166, 203
RGB Percent	96%, 65%, 80%
CMY	0.0392, 0.3490, 0.2039
CMYK	0.00, 0.32, 0.17, 0.04
HSL	332°, 80%, 81%
HSV	332°, 32%, 96%
XYZ	62.0768, 50.9967, 63.0809
YIQ	193.8390, 35.2070, 28.2550

Conversions

Conversions Part 2

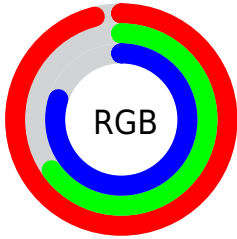
Format	Color
R _Y B	245, 166, 203
Decimal	16099019
CIE Lab	76.68, 34.34, -6.94
CIE LCh	77, 35.035, 348.574
Yxy	50.9967, 0.3524, 0.2895
Android (android.graphics.Color)	4294289099 (0xFFF5A6CB)
YUV	193.8390, 4.5164, 44.8682
Hunter-Lab	71.4120, 30.1951, -2.3847

Details

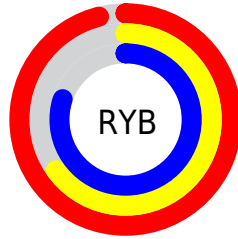
The Yxy color **50.9967, 0.3524, 0.2895** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.9739, 0.2855, 0.3725**, and the grayscale version is **53.8077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **24.5450, 0.3622, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **42.3288, 0.3702, 0.2771**, and if you desaturate by 10%, it is **61.4182, 0.3375, 0.3022**.

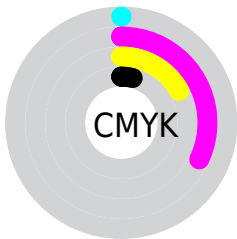
Distribution



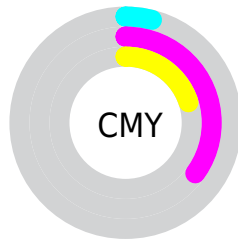
- Red (96%)
- Green (65%)
- Blue (80%)



- Red (96%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (32%)
- Yellow (17%)
- Black (4%)




- Cyan (4%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9967, 0.3524, 0.2895 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 50.9967, 0.3524, 0.2895 by changing the saturation by 10% instead.


 50.9967, 0.3524,
0.2895

 50.9967, 0.3524,
0.2895

390.5510, 0.3332,
0.3084

 36.2060, 0.3570,
0.2850


 91.6499, 0.3455,
0.2962

 24.5933, 0.3629,
0.2794


 118.2812, 0.3429,
0.2987

 15.7743, 0.3705,
0.2722


149.6281, 0.3407,
0.3009

 9.3646, 0.3808,
0.2626

186.0750, 0.3388,
0.3028

 4.9798, 0.3956,
0.2491

228.0064, 0.3371,
0.3045

 2.2354, 0.4184,
0.2287

275.8066, 0.3356,

 0.7392, 0.4588,

0.3059

329.8600, 0.3343,
0.3072

0.1935

0.0000, 0.8523,
0.0000

0.0000, 0.0000,
0.0000

50.9967, 0.3524,
0.2895

50.9967, 0.3524,
0.2895

42.3288, 0.3702,
0.2771

61.4182, 0.3375,
0.3022

35.3095, 0.3909,
0.2656

73.6766, 0.3250,
0.3146

29.8335, 0.4144,
0.2564

87.8580, 0.3148,
0.3264

25.7802, 0.4402,
0.2505

98.1550, 0.3066,
0.3290

■ 23.0108, 0.4672,
0.2493

■ 21.3580, 0.4937,
0.2535

■ 20.6479, 0.5132,
0.2601

Harmonies

Analogous

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



50.9967, 0.3040, 0.2642



50.9967, 0.3524, 0.2895



50.9967, 0.3916, 0.3243

Triad

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



50.9967, 0.3524, 0.2895



50.9967, 0.3616, 0.4142



50.9967, 0.2261, 0.2846

Complementary

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



50.9967, 0.3524, 0.2895



77.9739, 0.2855, 0.3725

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.



50.9967, 0.2389, 0.3262



50.9967, 0.3524, 0.2895



50.9967, 0.3156, 0.4073

Square

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



50.9967, 0.3524, 0.2895



50.9967, 0.3960, 0.3956



50.9967, 0.2709, 0.3733



50.9967, 0.2340, 0.2594

Rectangle

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



50.9967, 0.3524, 0.2895



50.9967, 0.4055, 0.3496



50.9967, 0.2709, 0.3733



50.9967, 0.2281, 0.2970

Sweetspot

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



50.9991, 0.3524, 0.2895



83.9533, 0.3226, 0.3173



47.1048, 0.2855, 0.2410



17.5238, 0.3241, 0.3156



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.



50.9991, 0.3524, 0.2895



49.1572, 0.3642, 0.2809



49.9208, 0.3870, 0.3307



16.6118, 0.3220, 0.3180



11.1495, 0.5094, 0.2580



1.0005, 0.4796, 0.2416

Inverse Universe

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



50.9991, 0.3524, 0.2895



49.1572, 0.3642, 0.2809



79.2194, 0.2664, 0.3274



16.6118, 0.3220, 0.3180



11.1495, 0.5094, 0.2580



1.0005, 0.4796, 0.2416

Previews

White Background



This preview shows how the Yxy color 50.9967, 0.3524, 0.2895 looks on a white background.

Color Contrast Check

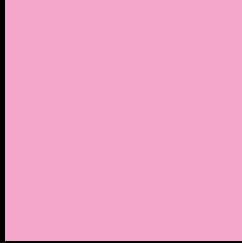
Large Text (above 18pt) WCAG AA × Fail

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 50.9967, 0.3524, 0.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

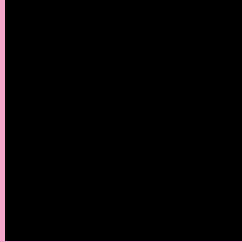
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9967, 0.3524, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 50.9967, 0.3524, 0.2895.



This preview shows how white text looks on a background with the Yxy color 50.9967, 0.3524, 0.2895.

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

50.9967, 0.3524, 0.2895

Protanopia

51.2905, 0.2892, 0.2936

Deuteranopia

51.1476, 0.3161, 0.3098



Tritanopia

51.2230, 0.3682, 0.3150

Trichromacy



Original Color

50.9967, 0.3524, 0.2895

Protanomaly

50.6614, 0.3103, 0.2915

Deuteranomaly

50.5668, 0.3287, 0.3013

Tritanomaly

51.3267, 0.3629, 0.3064

Monochromacy



Original Color

50.9967, 0.3524, 0.2895

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.4583, 0.3269, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9967, 0.3524, 0.2895 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, 166, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 166, 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(245, 166, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 166, 203) }
```

Border

The CSS property to change the border of an element to Yxy 50.9967, 0.3524, 0.2895 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, 166, 203) }
```

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

```
.border{ border-color:rgb(245, 166, 203) }
```

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

Here you see how a box with a 4 pixel rgb(245, 166, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 166, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 166, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 166,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9967, 0.3524, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 166, 203) }
```

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

```
.background{ background-color: rgb(245,  
166, 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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