

Converting Colors

Yxy(51.2094, 0.3547, 0.2956)

Have a look what the booklet for
Yxy(51.2094, 0.3547, 0.2956)
contains.

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Color

Yxy(51.3619, 0.3548, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	F4A8C7
RGB	244, 168, 199
RGB Percent	96%, 66%, 78%
CMY	0.0430, 0.3412, 0.2196
CMYK	0.00, 0.31, 0.18, 0.04
HSL	336°, 78%, 81%
HSV	336°, 31%, 96%
XYZ	61.6273, 51.3619, 60.7067
YIQ	194.2580, 35.3450, 25.7530

Conversions

Conversions Part 2

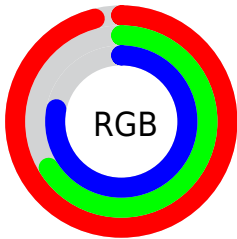
Format	Color
R _Y B	244, 168, 199
Decimal	16033991
CIE Lab	76.90, 32.34, -4.44
CIE LCh	77, 32.644, 352.180
Yxy	51.3619, 0.3548, 0.2957
Android (android.graphics.Color)	4294224071 (0xFFFF4A8C7)
YUV	194.2580, 2.3378, 43.6237
Hunter-Lab	71.6672, 28.0762, -0.0554

Details

The Yxy color $51.3619, 0.3548, 0.2957$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $77.8450, 0.2839, 0.3652$, and the grayscale version is $54.0817, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7913, 0.3141, 0.2989$, and $24.8706, 0.3668, 0.2874$ is the 20% darker color. If you saturate the color by 10%, you get $42.5447, 0.3744, 0.2848$, and if you desaturate by 10%, it is $61.9381, 0.3384, 0.3068$.

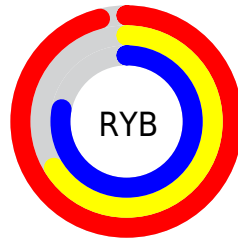
Distribution



Red (96%)

Green (66%)

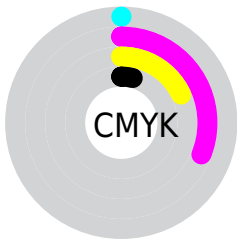
Blue (78%)



Red (96%)

Yellow (66%)

Blue (78%)

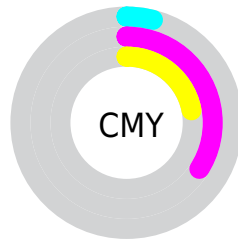


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (4%)



Cyan (4%)


Magenta (34%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3619, 0.3548, 0.2957 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 51.3619, 0.3548, 0.2957 by changing the saturation by 10% instead.


 51.3619, 0.3548,
0.2957


 51.3619, 0.3548,
0.2957


391.9682, 0.3343,
0.3117

 36.4967, 0.3598,
0.2919


 92.1895, 0.3475,
0.3014

 24.8181, 0.3661,
0.2871


 118.9207, 0.3447,
0.3036

 15.9416, 0.3743,
0.2808


150.3760, 0.3423,
0.3054

 9.4828, 0.3855,
0.2724

186.9398, 0.3403,
0.3070

 5.0574, 0.4016,
0.2605

228.9966, 0.3385,
0.3084

 2.2810, 0.4267,
0.2424

276.9306, 0.3369,

 0.7636, 0.4716,

0.3097

0.2105

331.1264, 0.3355,
0.3108

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3619, 0.3548,
0.2957

51.3619, 0.3548,
0.2957

42.5447, 0.3744,
0.2848

61.9381, 0.3384,
0.3068

35.3828, 0.3975,
0.2747

74.3552, 0.3249,
0.3176

29.7727, 0.4240,
0.2666

88.6987, 0.3139,
0.3279

25.5959, 0.4533,
0.2616

97.9777, 0.3060,
0.3290

■ 22.7167, 0.4840,
0.2611

■ 20.9728, 0.5141,
0.2660

■ 20.1494, 0.5388,
0.2742

Harmonies

Analogous

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



51.3619, 0.3101, 0.2705



51.3619, 0.3548, 0.2957



51.3619, 0.3891, 0.3291

Triad

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



51.3619, 0.3548, 0.2957



51.3619, 0.3537, 0.4087



51.3619, 0.2316, 0.2842

Complementary

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



51.3619, 0.3548, 0.2957



77.8450, 0.2839, 0.3652

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.



51.3619, 0.2414, 0.3214



51.3619, 0.3548, 0.2957



51.3619, 0.3104, 0.3987

Square

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



51.3619, 0.3548, 0.2957



51.3619, 0.3874, 0.3943



51.3619, 0.2695, 0.3651



51.3619, 0.2413, 0.2625

Rectangle

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



51.3619, 0.3548, 0.2957



51.3619, 0.4000, 0.3529



51.3619, 0.2695, 0.3651



51.3619, 0.2327, 0.2951

Sweetspot

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



51.3643, 0.3548, 0.2957



85.3770, 0.3224, 0.3199



48.5840, 0.2907, 0.2452



17.8037, 0.3241, 0.3183



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.



51.3643, 0.3548, 0.2957



50.7579, 0.3660, 0.2892



52.4637, 0.3818, 0.3361



16.5946, 0.3229, 0.3194



10.9790, 0.5347, 0.2719



0.9848, 0.5019, 0.2538

Inverse Universe

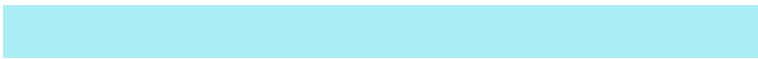
The Inverse Universe completely reimagines the original color for something new.



51.3643, 0.3548, 0.2957



50.7579, 0.3660, 0.2892



75.8256, 0.2671, 0.3217



16.5946, 0.3229, 0.3194



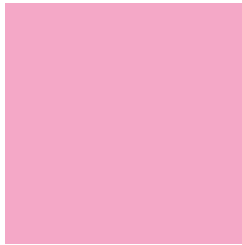
10.9790, 0.5347, 0.2719



0.9848, 0.5019, 0.2538

Previews

White Background



This preview shows how the Yxy color 51.3619, 0.3548, 0.2957 looks on a white background.

Color Contrast Check

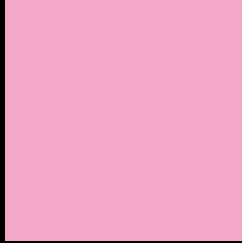
Large Text (above 18pt) WCAG AA × Fail

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 51.3619, 0.3548, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

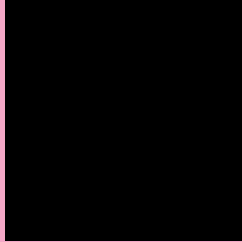
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3619, 0.3548, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 51.3619, 0.3548, 0.2957.



This preview shows how white text looks on a background with the Yxy color 51.3619, 0.3548, 0.2957.

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

51.3619, 0.3548, 0.2957

Protanopia

51.7135, 0.2942, 0.3008

Deuteranopia

51.3883, 0.3218, 0.3146



Tritanopia

51.4638, 0.3661, 0.3149

Trichromacy



Original Color

51.3619, 0.3548, 0.2957



Protanomaly

50.9626, 0.3150, 0.2984



Deuteranomaly

51.0877, 0.3337, 0.3071



Tritanomaly

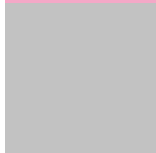
51.4783, 0.3626, 0.3085

Monochromacy



Original Color

51.3619, 0.3548, 0.2957



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.6805, 0.3268, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3619, 0.3548, 0.2957 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(244, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(244, 168, 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(244, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 168, 199) }
```

Border

The CSS property to change the border of an element to Yxy 51.3619, 0.3548, 0.2957 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(244, 168, 199) }
```

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

```
.border{ border-color:rgb(244, 168, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 168, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 168, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 168, 199);  
box-shadow:4px 4px 4px 4px rgb(244, 168,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3619, 0.3548, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 168, 199) }
```

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

```
.background{ background-color: rgb(244,  
168, 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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