

Converting Colors

$Y_{xy}(50.4923, 0.3540, 0.2852)$

Have a look what the booklet for
Yxy(50.4923, 0.3540, 0.2852)
contains.

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Color

Yxy(50.5105, 0.3547, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	F8A3CC
RGB	248, 163, 204
RGB Percent	97%, 64%, 80%
CMY	0.0274, 0.3608, 0.2000
CMYK	0.00, 0.34, 0.18, 0.03
HSL	331°, 86%, 81%
HSV	331°, 34%, 97%
XYZ	62.7094, 50.5105, 63.5757
YIQ	193.0890, 37.4990, 30.7710

Conversions

Conversions Part 2

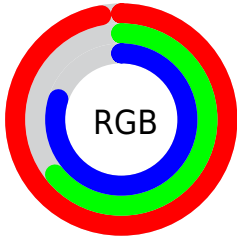
Format	Color
R _Y B	248, 163, 204
Decimal	16294860
CIE Lab	76.38, 37.08, -7.88
CIE LCh	76, 37.912, 347.997
Yxy	50.5105, 0.3547, 0.2857
Android (android.graphics.Color)	4294484940 (0xFFF8A3CC)
YUV	193.0890, 5.3791, 48.1569
Hunter-Lab	71.0707, 33.1260, -3.2878

Details

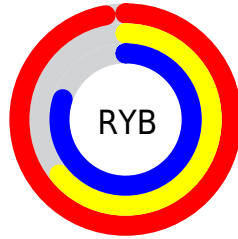
The Yxy color $50.5105, 0.3547, 0.2857$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $79.4294, 0.2846, 0.3772$, and the grayscale version is $53.3364, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1430, 0.3144, 0.2940$, and $24.3010, 0.3653, 0.2747$ is the 20% darker color. If you saturate the color by 10%, you get $41.9616, 0.3725, 0.2730$, and if you desaturate by 10%, it is $60.8416, 0.3396, 0.2988$.

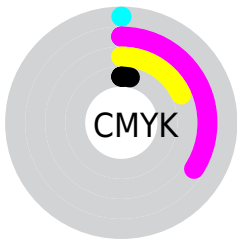
Distribution



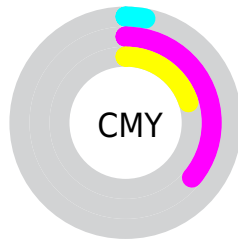
- Red (97%)
- Green (64%)
- Blue (80%)



- Red (97%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (34%)
- Yellow (18%)
- Black (3%)





- Cyan (3%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5105, 0.3547, 0.2857 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 50.5105, 0.3547, 0.2857 by changing the saturation by 10% instead.


 50.5105, 0.3547,
0.2857

 50.5105, 0.3547,
0.2857


388.6590, 0.3344,
0.3064

 35.8192, 0.3596,
0.2808


 90.9308, 0.3475,
0.2930

 24.2946, 0.3658,
0.2747

 117.4286, 0.3447,
0.2958

 15.5523, 0.3738,
0.2669


148.6306, 0.3423,
0.2982

 9.2079, 0.3846,
0.2564

184.9214, 0.3403,
0.3003

 4.8770, 0.4001,
0.2418

226.6852, 0.3385,
0.3021

 2.1753, 0.4240,
0.2200

274.3065, 0.3370,

 0.7065, 0.4664,

0.3037

0.1819

328.1696, 0.3356,
0.3051

0.0000, 0.8201,
0.0000

0.0000, 0.0000,
0.0000

50.5105, 0.3547,
0.2857

50.5105, 0.3547,
0.2857

41.9616, 0.3725,
0.2730

60.8416, 0.3396,
0.2988

35.0853, 0.3932,
0.2616

73.0422, 0.3270,
0.3116

29.7708, 0.4165,
0.2526

87.2022, 0.3166,
0.3240

25.8905, 0.4418,
0.2473

98.6973, 0.3084,
0.3290

■ 23.2967, 0.4679,
0.2469

■ 21.8088, 0.4934,
0.2520

■ 21.3046, 0.5074,
0.2569

Harmonies

Analogous

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



50.5105, 0.3020, 0.2589



50.5105, 0.3547, 0.2857



50.5105, 0.3978, 0.3227

Triad

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



50.5105, 0.3547, 0.2857



50.5105, 0.3662, 0.4214



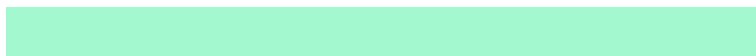
50.5105, 0.2194, 0.2813

Complementary

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



50.5105, 0.3547, 0.2857



79.4294, 0.2846, 0.3772

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.



50.5105, 0.2335, 0.3266



50.5105, 0.3547, 0.2857



50.5105, 0.3165, 0.4150

Square

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



50.5105, 0.3547, 0.2857



50.5105, 0.4033, 0.4000



50.5105, 0.2681, 0.3782



50.5105, 0.2275, 0.2541

Rectangle

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



50.5105, 0.3547, 0.2857



50.5105, 0.4132, 0.3499



50.5105, 0.2681, 0.3782



50.5105, 0.2217, 0.2947

Sweetspot

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



50.5129, 0.3547, 0.2857



83.9746, 0.3223, 0.3170



46.2271, 0.2833, 0.2349



17.5290, 0.3238, 0.3152



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.



50.5129, 0.3547, 0.2857



47.4283, 0.3665, 0.2770



49.3032, 0.3936, 0.3308



17.3647, 0.3218, 0.3176



11.5363, 0.5037, 0.2549



1.0898, 0.4761, 0.2396

Inverse Universe

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



50.5129, 0.3547, 0.2857



47.4283, 0.3665, 0.2770



80.8342, 0.2639, 0.3273



17.3647, 0.3218, 0.3176



11.5363, 0.5037, 0.2549



1.0898, 0.4761, 0.2396

Previews

White Background



This preview shows how the Yxy color 50.5105, 0.3547, 0.2857 looks on a white background.

Color Contrast Check

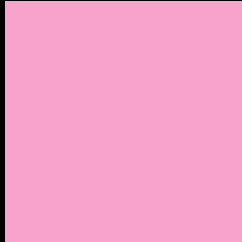
Large Text (above 18pt) WCAG AA × Fail

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 50.5105, 0.3547, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

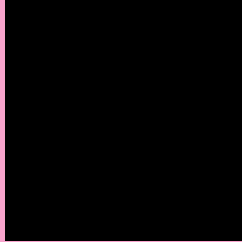
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5105, 0.3547, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 50.5105, 0.3547, 0.2857.



This preview shows how white text looks on a background with the Yxy color 50.5105, 0.3547, 0.2857.

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

50.5105, 0.3547, 0.2857

Protanopia

50.7224, 0.2862, 0.2899

Deuteranopia

50.5937, 0.3154, 0.3085



Tritanopia

50.3452, 0.3737, 0.3150

Trichromacy



Original Color

50.5105, 0.3547, 0.2857



Protanomaly

49.9612, 0.3088, 0.2868



Deuteranomaly

50.3278, 0.3297, 0.3002



Tritanomaly

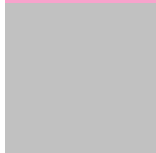
50.5394, 0.3663, 0.3043

Monochromacy



Original Color

50.5105, 0.3547, 0.2857



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.6332, 0.3272, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5105, 0.3547, 0.2857 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(248, 163, 204)` looks like.

```
.text, #text, p{  
    color:rgb(248, 163, 204)  
}
```

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(248, 163, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 163, 204) }
```

Border

The CSS property to change the border of an element to Yxy 50.5105, 0.3547, 0.2857 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(248, 163, 204) }
```

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

```
.border{ border-color:rgb(248, 163, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 163, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 163, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 163, 204);  
box-shadow:4px 4px 4px 4px rgb(248, 163,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5105, 0.3547, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 163, 204) }
```

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

```
.background{ background-color: rgb(248,  
163, 204) }
```

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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