

Converting Colors

$Y_{xy}(47.8951, 0.3545, 0.2708)$

Have a look what the booklet for
Yxy(47.8951, 0.3545, 0.2708)
contains.

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Color

Yxy(47.8951, 0.3545, 0.2708)

Conversions

Conversions Part 1

Format	Color
Hex	FB99D1
RGB	251, 153, 209
RGB Percent	98%, 60%, 82%
CMY	0.0155, 0.4001, 0.1803
CMYK	0.00, 0.39, 0.17, 0.02
HSL	326°, 93%, 79%
HSV	326°, 39%, 98%
XYZ	62.6987, 47.8951, 66.2714
YIQ	188.6860, 40.4320, 38.1920

Conversions

Conversions Part 2

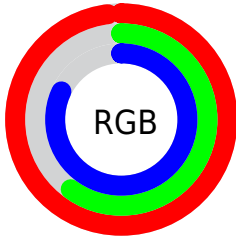
Format	Color
R _Y B	251, 153, 209
Decimal	16488913
CIE Lab	74.76, 44.05, -13.01
CIE LCh	75, 45.935, 343.544
Yxy	47.8951, 0.3545, 0.2708
Android (android.graphics.Color)	4294678993 (0xFFFB99D1)
YUV	188.6860, 10.0148, 54.6494
Hunter-Lab	69.2063, 40.6044, -8.3312

Details

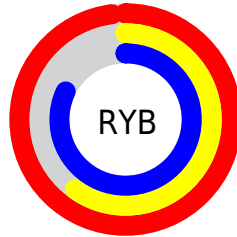
The Yxy color $47.8951, 0.3545, 0.2708$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $79.7374, 0.2857, 0.3962$, and the grayscale version is $50.6253, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.0809, 0.3148, 0.2841$, and $22.8184, 0.3648, 0.2564$ is the 20% darker color. If you saturate the color by 10%, you get $40.0123, 0.3700, 0.2565$, and if you desaturate by 10%, it is $57.5470, 0.3411, 0.2860$.

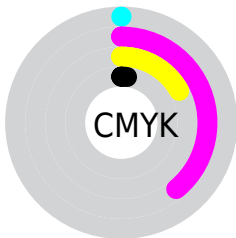
Distribution



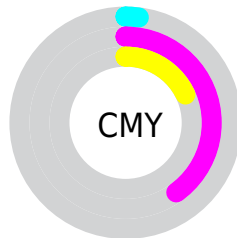
- Red (98%)
- Green (60%)
- Blue (82%)



- Red (98%)
- Yellow (60%)
- Blue (82%)



- Cyan (0%)
- Magenta (39%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8951, 0.3545, 0.2708 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 47.8951, 0.3545, 0.2708 by changing the saturation by 10% instead.

 47.8951, 0.3545,
0.2708


 47.8951, 0.3545,
0.2708


378.3762, 0.3344,
0.2983

 33.7438, 0.3593,
0.2644


 87.0482, 0.3474,
0.2805

 22.6969, 0.3653,
0.2564


 112.8188, 0.3447,
0.2842

 14.3698, 0.3730,
0.2462


143.2313, 0.3423,
0.2874

 8.3783, 0.3834,
0.2327

178.6701, 0.3403,
0.2902

 4.3380, 0.3980,
0.2140

219.5196, 0.3386,
0.2926

 1.8644, 0.4201,
0.1869

266.1642, 0.3370,

 0.5268, 0.4619,

0.2947

0.1344

318.9882, 0.3356,
0.2966

0.0000, 0.6534,
0.0000

0.0000, 0.0000,
0.0000

47.8951, 0.3545,
0.2708

47.8951, 0.3545,
0.2708

40.0123, 0.3700,
0.2565

57.5470, 0.3411,
0.2860

33.7817, 0.3876,
0.2441

69.0616, 0.3296,
0.3013

29.0832, 0.4068,
0.2347

82.5342, 0.3200,
0.3162

25.7769, 0.4271,
0.2297

98.0514, 0.3120,
0.3303

■ 23.6973, 0.4476,
0.2299

■ 99.2589, 0.3103,
0.3290

■ 22.5973, 0.4674,
0.2352

■ 22.5158, 0.4692,
0.2359

Harmonies

Analogous

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



47.8951, 0.2897, 0.2414



47.8951, 0.3545, 0.2708



47.8951, 0.4116, 0.3131

Triad

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



47.8951, 0.3545, 0.2708



47.8951, 0.3848, 0.4402



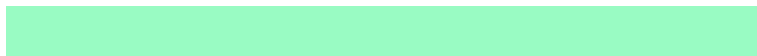
47.8951, 0.2011, 0.2763

Complementary

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



47.8951, 0.3545, 0.2708



79.7374, 0.2857, 0.3962

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.



47.8951, 0.2210, 0.3345



47.8951, 0.3545, 0.2708



47.8951, 0.3252, 0.4407

Square

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



47.8951, 0.3545, 0.2708



47.8951, 0.4276, 0.4078



47.8951, 0.2653, 0.3995



47.8951, 0.2069, 0.2409

Rectangle

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



47.8951, 0.3545, 0.2708



47.8951, 0.4340, 0.3451



47.8951, 0.2653, 0.3995



47.8951, 0.2048, 0.2935

Sweetspot

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



47.8973, 0.3545, 0.2708



81.1905, 0.3227, 0.3118



41.1907, 0.2702, 0.2182



16.9794, 0.3239, 0.3099



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.



47.8973, 0.3545, 0.2708



42.9718, 0.3667, 0.2593



45.8715, 0.4027, 0.3205



17.3915, 0.3204, 0.3155



11.8594, 0.4661, 0.2341



1.1196, 0.4439, 0.2219

Inverse Universe

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



47.8973, 0.3545, 0.2708



42.9718, 0.3667, 0.2593



82.2606, 0.2623, 0.3381



17.3915, 0.3204, 0.3155



11.8594, 0.4661, 0.2341



1.1196, 0.4439, 0.2219

Previews

White Background



This preview shows how the Yxy color 47.8951, 0.3545, 0.2708 looks on a white background.

Color Contrast Check

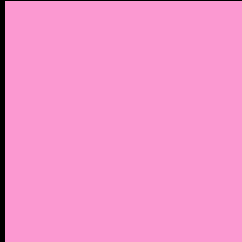
Large Text (above 18pt) WCAG AA × Fail

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 47.8951, 0.3545, 0.2708 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 47.8951, 0.3545, 0.2708

Background



This preview shows how black text looks on a background with the Yxy color 47.8951, 0.3545, 0.2708.



This preview shows how white text looks on a background with the Yxy color 47.8951, 0.3545, 0.2708.

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

47.8951, 0.3545, 0.2708

Protanopia

48.4084, 0.2719, 0.2725

Deuteranopia

47.9373, 0.3049, 0.2982



Tritanopia

47.8943, 0.3854, 0.3162

Trichromacy



Original Color

47.8951, 0.3545, 0.2708



Protanomaly

47.1965, 0.2978, 0.2702



Deuteranomaly

47.5018, 0.3217, 0.2870



Tritanomaly

47.5732, 0.3743, 0.2991

Monochromacy



Original Color

47.8951, 0.3545, 0.2708



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.0332, 0.3278, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8951, 0.3545, 0.2708 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, 153, 209)` looks like.

```
.text, #text, p{  
    color:rgb(251, 153, 209)  
}
```

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, 153, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 153, 209) }
```

Border

The CSS property to change the border of an element to Yxy 47.8951, 0.3545, 0.2708 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, 153, 209) }
```

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

```
.border{ border-color:rgb(251, 153, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 153, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 153, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 153, 209); box-shadow:4px 4px 4px 4px rgb(251, 153, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8951, 0.3545, 0.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 153, 209) }
```

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

```
.background{ background-color: rgb(251,  
153, 209) }
```

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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