

Converting Colors

$Y_{xy}(44.0957, 0.3632, 0.2697)$

Have a look what the booklet for
Yxy(44.0957, 0.3632, 0.2697)
contains.

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Color

Yxy(43.9548, 0.3633, 0.2692)

Conversions

Conversions Part 1

Format	Color
Hex	F98FC8
RGB	249, 143, 200
RGB Percent	98%, 56%, 78%
CMY	0.0235, 0.4392, 0.2157
CMYK	0.00, 0.43, 0.20, 0.02
HSL	328°, 90%, 77%
HSV	328°, 43%, 98%
XYZ	59.3194, 43.9548, 60.0052
YIQ	181.1920, 44.8790, 40.1990

Conversions

Conversions Part 2

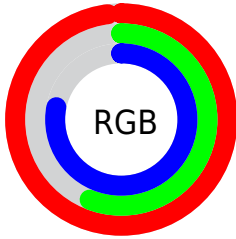
Format	Color
R _Y B	249, 143, 200
Decimal	16355272
CIE Lab	72.20, 47.13, -11.91
CIE LCh	72, 48.606, 345.820
Yxy	43.9548, 0.3633, 0.2692
Android (android.graphics.Color)	4294545352 (0xFFFF98FC8)
YUV	181.1920, 9.2723, 59.4676
Hunter-Lab	66.2984, 43.6876, -7.2531

Details

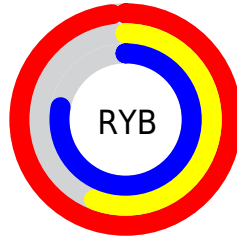
The Yxy color **43.9548, 0.3633, 0.2692** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.4065, 0.2820, 0.3989**, and the grayscale version is **46.2494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3268, 0.3153, 0.2742**, and **20.4640, 0.3775, 0.2547** is the 20% darker color. If you saturate the color by 10%, you get **36.7741, 0.3810, 0.2562**, and if you desaturate by 10%, it is **52.8394, 0.3479, 0.2834**.

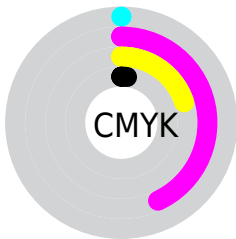
Distribution



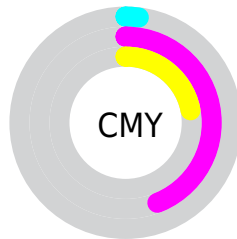
- Red (98%)
- Green (56%)
- Blue (78%)



- Red (98%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (43%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9548, 0.3633, 0.2692 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 43.9548, 0.3633, 0.2692 by changing the saturation by 10% instead.


 43.9548, 0.3633,
0.2692


 43.9548, 0.3633,
0.2692


362.5238, 0.3385,
0.2979

 30.6350, 0.3693,
0.2624


 81.1497, 0.3544,
0.2794

 20.3211, 0.3769,
0.2539


 105.7936, 0.3511,
0.2833

 12.6286, 0.3869,
0.2429


134.9810, 0.3482,
0.2866

 7.1733, 0.4005,
0.2282

169.0962, 0.3457,
0.2895

 3.5707, 0.4200,
0.2077

208.5237, 0.3436,
0.2920

 1.4365, 0.4503,
0.1773

253.6479, 0.3417,

 0.2434, 0.5278,

0.2942

0.0853

304.8531, 0.3400,
0.2962

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.9548, 0.3633,
0.2692

43.9548, 0.3633,
0.2692

36.7741, 0.3810,
0.2562

52.8394, 0.3479,
0.2834

31.1790, 0.4010,
0.2454

63.5232, 0.3349,
0.2978

27.0462, 0.4226,
0.2382

76.1021, 0.3239,
0.3121

24.2308, 0.4452,
0.2356

90.6632, 0.3148,
0.3256

■ 22.5579, 0.4675,
0.2385

■ 98.8827, 0.3090,
0.3290

■ 21.8613, 0.4836,
0.2438

Harmonies

Analogous

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



43.9548, 0.2925, 0.2366



43.9548, 0.3633, 0.2692



43.9548, 0.4241, 0.3150

Triad

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



43.9548, 0.3633, 0.2692



43.9548, 0.3856, 0.4513



43.9548, 0.1920, 0.2673

Complementary

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



43.9548, 0.3633, 0.2692



77.4065, 0.2820, 0.3989

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.



43.9548, 0.2109, 0.3289



43.9548, 0.3633, 0.2692



43.9548, 0.3203, 0.4497

Square

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



43.9548, 0.3633, 0.2692



43.9548, 0.4343, 0.4166



43.9548, 0.2565, 0.4014



43.9548, 0.2004, 0.2320

Rectangle

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



43.9548, 0.3633, 0.2692



43.9548, 0.4464, 0.3493



43.9548, 0.2565, 0.4014



43.9548, 0.1952, 0.2852

Sweetspot

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



43.9569, 0.3633, 0.2692



79.6949, 0.3244, 0.3114



37.5225, 0.2682, 0.2082



16.3964, 0.3266, 0.3083



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.



43.9569, 0.3633, 0.2692



39.8494, 0.3782, 0.2580



41.9340, 0.4188, 0.3236



17.3813, 0.3209, 0.3163



11.7293, 0.4802, 0.2419



1.1078, 0.4559, 0.2285

Inverse Universe

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



43.9569, 0.3633, 0.2692



39.8494, 0.3782, 0.2580



80.1149, 0.2571, 0.3349



17.3813, 0.3209, 0.3163



11.7293, 0.4802, 0.2419



1.1078, 0.4559, 0.2285

Previews

White Background



This preview shows how the Yxy color 43.9548, 0.3633, 0.2692 looks on a white background.

Color Contrast Check

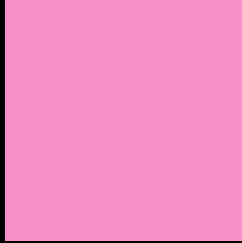
Large Text (above 18pt) WCAG AA × Fail

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 43.9548, 0.3633, 0.2692 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 43.9548, 0.3633, 0.2692

Background



This preview shows how black text looks on a background with the Yxy color 43.9548, 0.3633, 0.2692.



This preview shows how white text looks on a background with the Yxy color 43.9548, 0.3633, 0.2692.

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

43.9548, 0.3633, 0.2692

Protanopia

44.4316, 0.2706, 0.2706

Deuteranopia

44.3921, 0.3071, 0.3010



Tritanopia

43.8338, 0.3973, 0.3161

Trichromacy



Original Color

43.9548, 0.3633, 0.2692



Protanomaly

43.1417, 0.2998, 0.2684



Deuteranomaly

43.5735, 0.3267, 0.2871



Tritanomaly

43.5949, 0.3844, 0.2978

Monochromacy



Original Color

43.9548, 0.3633, 0.2692



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.3901, 0.3304, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9548, 0.3633, 0.2692 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(249, 143, 200)` looks like.

```
.text, #text, p{  
    color:rgb(249, 143, 200)  
}
```

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(249, 143, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 143, 200) }
```

Border

The CSS property to change the border of an element to Yxy 43.9548, 0.3633, 0.2692 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(249, 143, 200) }
```

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

```
.border{ border-color:rgb(249, 143, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 143, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 143, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 143, 200);  
box-shadow:4px 4px 4px 4px rgb(249, 143,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9548, 0.3633, 0.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 143, 200) }
```

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

```
.background{ background-color: rgb(249,  
143, 200) }
```

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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