

Converting Colors

$Yxy(43.3088, 0.3681, 0.2749)$

Have a look what the booklet for
Yxy(43.3088, 0.3681, 0.2749)
contains.

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Color

Yxy(43.3141, 0.3675, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	F78FC2
RGB	247, 143, 194
RGB Percent	97%, 56%, 76%
CMY	0.0316, 0.4391, 0.2392
CMYK	0.00, 0.42, 0.21, 0.03
HSL	331°, 87%, 76%
HSV	331°, 42%, 97%
XYZ	57.9044, 43.3141, 56.3446
YIQ	179.9100, 45.6130, 37.9090

Conversions

Conversions Part 2

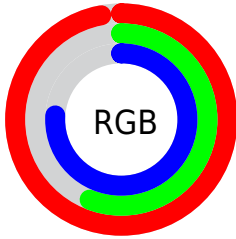
Format	Color
R_{YB}	247, 143, 194
Decimal	16224194
CIE Lab	71.77, 45.56, -9.25
CIE LCh	72, 46.485, 348.528
Yxy	43.3141, 0.3675, 0.2749
Android (android.graphics.Color)	4294414274 (0xFFFF78FC2)
YUV	179.9100, 6.9464, 58.8379
Hunter-Lab	65.8134, 41.8756, -4.6903

Details

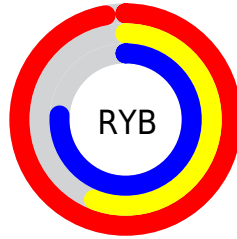
The Yxy color **43.3141, 0.3675, 0.2749** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **76.3198, 0.2798, 0.3915**, and the grayscale version is **45.5377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0090, 0.3188, 0.2788**, and **20.0246, 0.3839, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **36.1559, 0.3872, 0.2629**, and if you desaturate by 10%, it is **52.1562, 0.3506, 0.2879**.

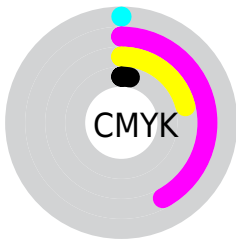
Distribution



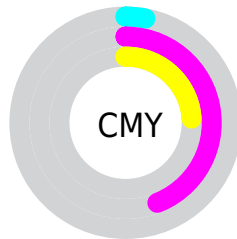
- Red (97%)
- Green (56%)
- Blue (76%)



- Red (97%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (42%)
- Yellow (21%)
- Black (3%)





- Cyan (3%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3141, 0.3675, 0.2749 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 43.3141, 0.3675, 0.2749 by changing the saturation by 10% instead.


 43.3141, 0.3675,
0.2749


 43.3141, 0.3675,
0.2749


359.9019, 0.3404,
0.3011

 30.1316, 0.3742,
0.2686


 80.1846, 0.3577,
0.2843

 19.9385, 0.3827,
0.2607


 104.6415, 0.3540,
0.2878

 12.3504, 0.3939,
0.2503


133.6253, 0.3509,
0.2909

 6.9828, 0.4093,
0.2364

167.5204, 0.3482,
0.2935

 3.4513, 0.4318,
0.2167

206.7112, 0.3459,
0.2958

 1.3716, 0.4675,
0.1869

251.5821, 0.3438,

 0.1957, 0.5677,

0.2978

0.0802

302.5176, 0.3420,
0.2996

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.3141, 0.3675,
0.2749

43.3141, 0.3675,
0.2749

36.1559, 0.3872,
0.2629

52.1562, 0.3506,
0.2879

30.5661, 0.4095,
0.2531

62.7756, 0.3363,
0.3012

26.4241, 0.4340,
0.2467

75.2661, 0.3244,
0.3142

23.5890, 0.4595,
0.2449

89.7130, 0.3145,
0.3265

■ 21.8909, 0.4848,
0.2486

■ 98.5053, 0.3078,
0.3290

■ 21.1483, 0.5039,
0.2550

Harmonies

Analogous

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



43.3141, 0.2993, 0.2418



43.3141, 0.3675, 0.2749



43.3141, 0.4236, 0.3202

Triad

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



43.3141, 0.3675, 0.2749



43.3141, 0.3780, 0.4482



43.3141, 0.1958, 0.2657

Complementary

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



43.3141, 0.3675, 0.2749



76.3198, 0.2798, 0.3915

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.



43.3141, 0.2118, 0.3231



43.3141, 0.3675, 0.2749



43.3141, 0.3145, 0.4421

Square

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



43.3141, 0.3675, 0.2749



43.3141, 0.4269, 0.4178



43.3141, 0.2538, 0.3925



43.3141, 0.2062, 0.2336

Rectangle

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



43.3141, 0.3675, 0.2749



43.3141, 0.4427, 0.3537



43.3141, 0.2538, 0.3925



43.3141, 0.1981, 0.2822

Sweetspot

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



43.3162, 0.3675, 0.2749



79.6022, 0.3254, 0.3130



37.9697, 0.2732, 0.2112



16.3736, 0.3279, 0.3101



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.



43.3162, 0.3675, 0.2749



40.2870, 0.3830, 0.2652



41.4056, 0.4226, 0.3293



16.6180, 0.3216, 0.3174



11.2182, 0.5001, 0.2529



1.0067, 0.4716, 0.2372

Inverse Universe

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



43.3162, 0.3675, 0.2749



40.2870, 0.3830, 0.2652



79.0470, 0.2553, 0.3288



16.6180, 0.3216, 0.3174



11.2182, 0.5001, 0.2529



1.0067, 0.4716, 0.2372

Previews

White Background



This preview shows how the Yxy color 43.3141, 0.3675, 0.2749 looks on a white background.

Color Contrast Check

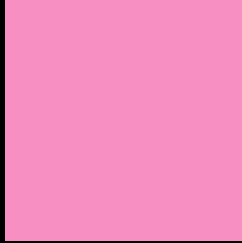
Large Text (above 18pt) WCAG AA × Fail

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 43.3141, 0.3675, 0.2749 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 43.3141, 0.3675, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 43.3141, 0.3675, 0.2749.

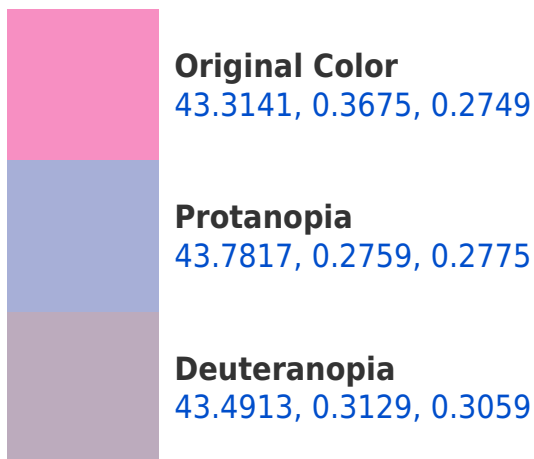


This preview shows how white text looks on a background with the Yxy color 43.3141, 0.3675, 0.2749.

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





Tritanopia

43.0876, 0.3978, 0.3171

Trichromacy



Original Color

43.3141, 0.3675, 0.2749



Protanomaly

42.4351, 0.3054, 0.2750



Deuteranomaly

42.8066, 0.3312, 0.2927



Tritanomaly

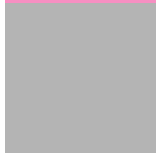
43.0791, 0.3867, 0.3019

Monochromacy



Original Color

43.3141, 0.3675, 0.2749



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.9776, 0.3312, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3141, 0.3675, 0.2749 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(247, 143, 194)` looks like.

```
.text, #text, p{  
    color:rgb(247, 143, 194)  
}
```

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(247, 143, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 143, 194) }
```

Border

The CSS property to change the border of an element to Yxy 43.3141, 0.3675, 0.2749 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(247, 143, 194) }
```

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

```
.border{ border-color:rgb(247, 143, 194) }
```

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

Here you see how a box with a 4 pixel rgb(247, 143, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 143, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 143, 194);  
box-shadow:4px 4px 4px 4px rgb(247, 143,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3141, 0.3675, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 143, 194) }
```

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

```
.background{ background-color: rgb(247,  
143, 194) }
```

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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