

Converting Colors

$Y_{xy}(43.6590, 0.3451, 0.2499)$

Have a look what the booklet for
Yxy(43.6590, 0.3451, 0.2499)
contains.

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Color

Yxy(43.5401, 0.3450, 0.2493)

Conversions

Conversions Part 1

Format	Color
Hex	F78CD9
RGB	247, 140, 217
RGB Percent	97%, 55%, 85%
CMY	0.0314, 0.4509, 0.1491
CMYK	0.00, 0.43, 0.12, 0.03
HSL	317°, 87%, 76%
HSV	317°, 43%, 97%
XYZ	60.2540, 43.5401, 70.8553
YIQ	180.7710, 39.0550, 46.6310

Conversions

Conversions Part 2

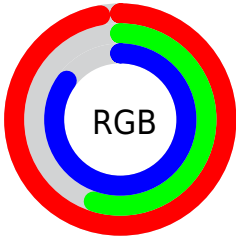
Format	Color
R _Y B	247, 140, 217
Decimal	16223449
CIE Lab	71.92, 50.56, -21.73
CIE LCh	72, 55.028, 336.743
Yxy	43.5401, 0.3450, 0.2493
Android (android.graphics.Color)	4294413529 (0xFFFF78CD9)
YUV	180.7710, 17.8609, 58.0828
Hunter-Lab	65.9849, 47.5234, -17.4767

Details

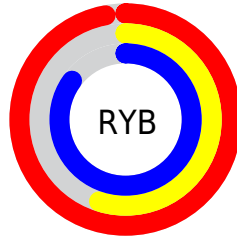
The Yxy color **43.5401, 0.3450, 0.2493** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.9950, 0.2914, 0.4258**, and the grayscale version is **45.9663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9599, 0.3154, 0.2712**, and **20.0830, 0.3530, 0.2299** is the 20% darker color. If you saturate the color by 10%, you get **36.7619, 0.3553, 0.2326**, and if you desaturate by 10%, it is **51.9572, 0.3357, 0.2675**.

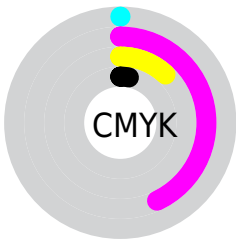
Distribution



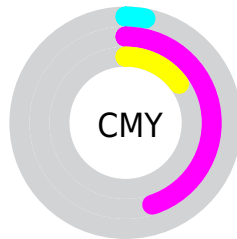
- Red (97%)
- Green (55%)
- Blue (85%)



- Red (97%)
- Yellow (55%)
- Blue (85%)



- Cyan (0%)
- Magenta (43%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5401, 0.3450, 0.2493 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 43.5401, 0.3450, 0.2493 by changing the saturation by 10% instead.


 43.5401, 0.3450,
0.2493


 43.5401, 0.3450,
0.2493


360.8282, 0.3300,
0.2867

 30.3091, 0.3484,
0.2407


 80.5253, 0.3398,
0.2623

 20.0733, 0.3526,
0.2300


 105.0482, 0.3378,
0.2674

 12.4484, 0.3579,
0.2165


134.1040, 0.3360,
0.2717

 7.0498, 0.3647,
0.1989

168.0769, 0.3345,
0.2755

 3.4933, 0.3737,
0.1752

207.3514, 0.3332,
0.2788

 1.3944, 0.3861,
0.1418

252.3118, 0.3320,

 0.2126, 0.4195,

0.2818

0.0562

303.3427, 0.3310,
0.2844

0.0000, 0.4133,
0.0000

0.0000, 0.0000,
0.0000

43.5401, 0.3450,
0.2493

43.5401, 0.3450,
0.2493

36.7619, 0.3553,
0.2326

51.9572, 0.3357,
0.2675

31.5068, 0.3665,
0.2185

62.1069, 0.3276,
0.2864

27.6532, 0.3782,
0.2080

74.0829, 0.3205,
0.3051

25.0585, 0.3901,
0.2021

87.9703, 0.3145,
0.3232

■ 23.5491, 0.4017,
0.2012

■ 98.2965, 0.3097,
0.3323

■ 22.9737, 0.4092,
0.2028

■ 98.5120, 0.3078,
0.3290

Harmonies

Analogous

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



43.5401, 0.2675, 0.2192



43.5401, 0.3450, 0.2493



43.5401, 0.4213, 0.2959

Triad

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



43.5401, 0.3450, 0.2493



43.5401, 0.4127, 0.4572



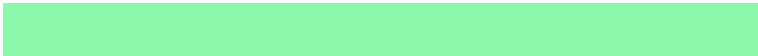
43.5401, 0.1812, 0.2763

Complementary

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



43.5401, 0.3450, 0.2493



74.9950, 0.2914, 0.4258

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.



43.5401, 0.2105, 0.3534



43.5401, 0.3450, 0.2493



43.5401, 0.3427, 0.4735

Square

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



43.5401, 0.3450, 0.2493



43.5401, 0.4594, 0.4089



43.5401, 0.2686, 0.4342



43.5401, 0.1819, 0.2284

Rectangle

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



43.5401, 0.3450, 0.2493



43.5401, 0.4555, 0.3325



43.5401, 0.2686, 0.4342



43.5401, 0.1875, 0.2993

Sweetspot

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



43.5421, 0.3450, 0.2493



80.0582, 0.3203, 0.3056



33.8611, 0.2517, 0.2009



16.4864, 0.3218, 0.3015



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.



43.5421, 0.3450, 0.2493



40.3286, 0.3540, 0.2345



41.2496, 0.3996, 0.3023



16.6843, 0.3181, 0.3121



12.1768, 0.4074, 0.2018



1.0877, 0.3940, 0.1944

Inverse Universe

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



43.5421, 0.3450, 0.2493



40.3286, 0.3540, 0.2345



77.3669, 0.2655, 0.3587



16.6843, 0.3181, 0.3121



12.1768, 0.4074, 0.2018



1.0877, 0.3940, 0.1944

Previews

White Background



This preview shows how the Yxy color 43.5401, 0.3450, 0.2493 looks on a white background.

Color Contrast Check

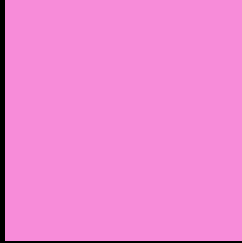
Large Text (above 18pt) WCAG AA × Fail

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 43.5401, 0.3450, 0.2493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

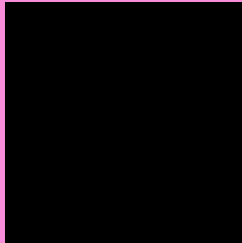
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5401, 0.3450, 0.2493

Background



This preview shows how black text looks on a background with the Yxy color 43.5401, 0.3450, 0.2493.

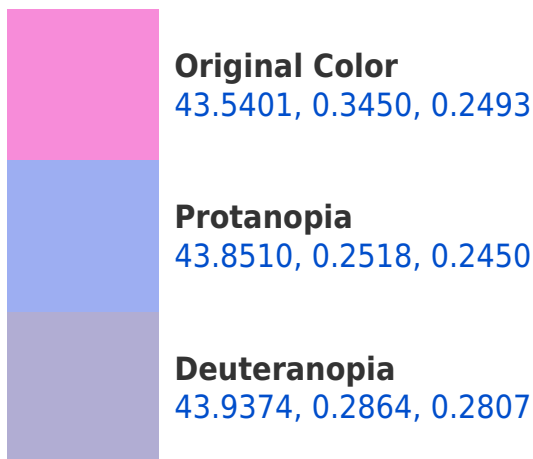


This preview shows how white text looks on a background with the Yxy color 43.5401, 0.3450, 0.2493.

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

43.4426, 0.3931, 0.3170

Trichromacy



Original Color

43.5401, 0.3450, 0.2493



Protanomaly

42.6710, 0.2804, 0.2448



Deuteranomaly

42.8504, 0.3058, 0.2668



Tritanomaly

43.2995, 0.3752, 0.2910

Monochromacy



Original Color

43.5401, 0.3450, 0.2493



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.1466, 0.3243, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5401, 0.3450, 0.2493 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, 140, 217)` looks like.

```
.text, #text, p{  
    color:rgb(247, 140, 217)  
}
```

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, 140, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 140, 217) }
```

Border

The CSS property to change the border of an element to Yxy 43.5401, 0.3450, 0.2493 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, 140, 217) }
```

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

```
.border{ border-color:rgb(247, 140, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 140, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 140, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 140, 217);  
box-shadow:4px 4px 4px 4px rgb(247, 140,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5401, 0.3450, 0.2493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 140, 217) }
```

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

```
.background{ background-color: rgb(247,  
140, 217) }
```

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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