

Converting Colors

Yxy(43.2147, 0.3352, 0.2448)

Have a look what the booklet for
Yxy(43.2147, 0.3352, 0.2448)
contains.

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Color

Yxy(43.0245, 0.3345, 0.2440)

Conversions

Conversions Part 1

Format	Color
Hex	F18DDE
RGB	241, 141, 222
RGB Percent	95%, 55%, 87%
CMY	0.0550, 0.4470, 0.1293
CMYK	0.00, 0.41, 0.08, 0.05
HSL	311°, 78%, 75%
HSV	311°, 41%, 95%
XYZ	58.9824, 43.0245, 74.3231
YIQ	180.1340, 33.5990, 46.3910

Conversions

Conversions Part 2

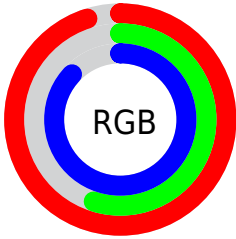
Format	Color
R _Y B	241, 141, 222
Decimal	15830494
CIE Lab	71.57, 49.02, -25.11
CIE LCh	72, 55.073, 332.873
Yxy	43.0245, 0.3345, 0.2440
Android (android.graphics.Color)	4294020574 (0xFFFF18DDE)
YUV	180.1340, 20.6399, 53.3795
Hunter-Lab	65.5931, 45.7223, -21.2660

Details

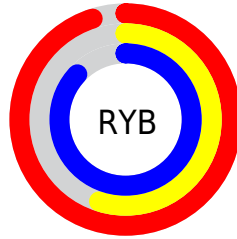
The Yxy color **43.0245, 0.3345, 0.2440** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **71.0980, 0.2969, 0.4328**, and the grayscale version is **45.5933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4125, 0.3154, 0.2722**, and **19.8367, 0.3384, 0.2238** is the 20% darker color. If you saturate the color by 10%, you get **36.4339, 0.3414, 0.2253**, and if you desaturate by 10%, it is **51.1716, 0.3282, 0.2643**.

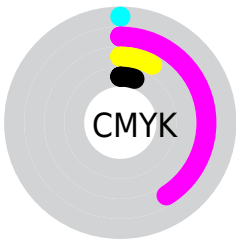
Distribution



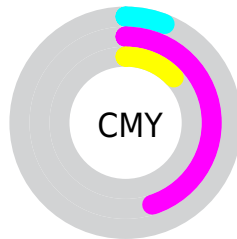
- Red (95%)
- Green (55%)
- Blue (87%)



- Red (95%)
- Yellow (55%)
- Blue (87%)



- Cyan (0%)
- Magenta (41%)
- Yellow (8%)
- Black (5%)



- Cyan (6%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0245, 0.3345, 0.2440 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 43.0245, 0.3345, 0.2440 by changing the saturation by 10% instead.


 43.0245, 0.3345,
0.2440


 43.0245, 0.3345,
0.2440


358.7125, 0.3249,
0.2837

 29.9043, 0.3365,
0.2349


 79.7478, 0.3313,
0.2578

 19.7660, 0.3390,
0.2237


 104.1198, 0.3300,
0.2632

 12.2251, 0.3419,
0.2095


133.0111, 0.3289,
0.2678

 6.8971, 0.3454,
0.1910

166.8063, 0.3279,
0.2718

 3.3979, 0.3496,
0.1664

205.8896, 0.3270,
0.2754

 1.3428, 0.3541,
0.1322

250.6455, 0.3262,

 0.1740, 0.3723,

0.2785

0.0439

301.4583, 0.3255,
0.2813

0.0000, 0.2951,
0.0000

0.0000, 0.0000,
0.0000

43.0245, 0.3345,
0.2440

43.0245, 0.3345,
0.2440

36.4339, 0.3414,
0.2253

51.1716, 0.3282,
0.2643

31.2925, 0.3486,
0.2091

60.9614, 0.3226,
0.2852

27.4890, 0.3561,
0.1965

72.4811, 0.3176,
0.3060

24.8930, 0.3636,
0.1883

85.8097, 0.3133,
0.3261

■ 23.3482, 0.3707,
0.1847

■ 96.8013, 0.3098,
0.3389

■ 22.6505, 0.3766,
0.1848

■ 97.0836, 0.3073,
0.3344

■ 97.3728, 0.3047,
0.3299

■ 97.4368, 0.3041,
0.3290

Harmonies

Analogous

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



43.0245, 0.2585, 0.2164



43.0245, 0.3345, 0.2440



43.0245, 0.4132, 0.2890

Triad

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



43.0245, 0.3345, 0.2440



43.0245, 0.4208, 0.4526



43.0245, 0.1827, 0.2846

Complementary

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



43.0245, 0.3345, 0.2440



71.0980, 0.2969, 0.4328

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.



43.0245, 0.2161, 0.3647



43.0245, 0.3345, 0.2440



43.0245, 0.3524, 0.4750

Square

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



43.0245, 0.3345, 0.2440



43.0245, 0.4634, 0.4019



43.0245, 0.2774, 0.4430



43.0245, 0.1796, 0.2323

Rectangle

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



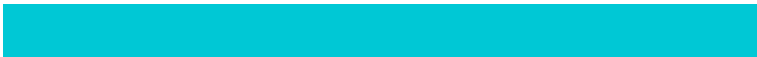
43.0245, 0.3345, 0.2440



43.0245, 0.4511, 0.3251



43.0245, 0.2774, 0.4430



43.0245, 0.1904, 0.3089

Sweetspot

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



43.0265, 0.3345, 0.2440



81.6386, 0.3179, 0.3048



32.8096, 0.2485, 0.2050



17.0852, 0.3185, 0.3021



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.



43.0265, 0.3345, 0.2440



42.3283, 0.3404, 0.2277



40.7553, 0.3849, 0.2943



15.9770, 0.3167, 0.3101



12.3045, 0.3755, 0.1842



1.0367, 0.3670, 0.1795

Inverse Universe

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



43.0265, 0.3345, 0.2440



42.3283, 0.3404, 0.2277



73.1807, 0.2713, 0.3678



15.9770, 0.3167, 0.3101



12.3045, 0.3755, 0.1842



1.0367, 0.3670, 0.1795

Previews

White Background



This preview shows how the Yxy color 43.0245, 0.3345, 0.2440 looks on a white background.

Color Contrast Check

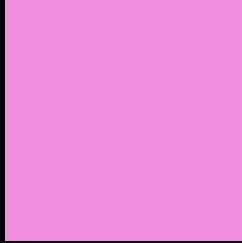
Large Text (above 18pt) WCAG AA × Fail

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 43.0245, 0.3345, 0.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

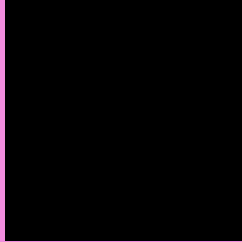
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0245, 0.3345, 0.2440

Background



This preview shows how black text looks on a background with the Yxy color 43.0245, 0.3345, 0.2440.

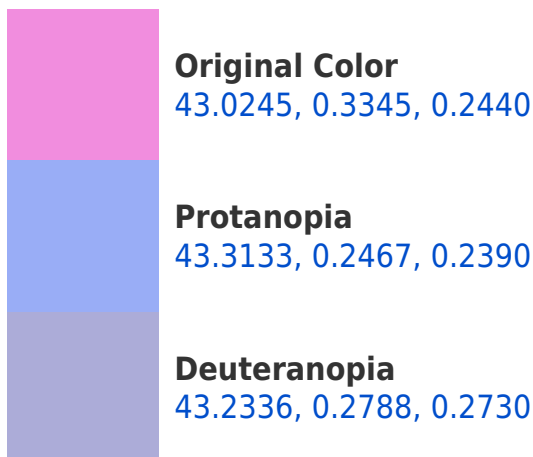


This preview shows how white text looks on a background with the Yxy color 43.0245, 0.3345, 0.2440.

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

42.9552, 0.3835, 0.3167

Trichromacy



Original Color

43.0245, 0.3345, 0.2440



Protanomaly

41.9185, 0.2735, 0.2387



Deuteranomaly

42.4220, 0.2974, 0.2606



Tritanomaly

43.0022, 0.3659, 0.2891

Monochromacy



Original Color

43.0245, 0.3345, 0.2440



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.7691, 0.3207, 0.2934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0245, 0.3345, 0.2440 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(241, 141, 222)` looks like.

```
.text, #text, p{  
    color:rgb(241, 141, 222)  
}
```

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(241, 141, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 141, 222) }
```

Border

The CSS property to change the border of an element to Yxy 43.0245, 0.3345, 0.2440 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(241, 141, 222) }
```

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

```
.border{ border-color:rgb(241, 141, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 141, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 141, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 141, 222);  
box-shadow:4px 4px 4px 4px rgb(241, 141,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0245, 0.3345, 0.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 141, 222) }
```

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

```
.background{ background-color: rgb(241,  
141, 222) }
```

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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