

Converting Colors

Yxy(34.3918, 0.3555, 0.2105)

Have a look what the booklet for
Yxy(34.3918, 0.3555, 0.2105)
contains.

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Color

Yxy(34.3799, 0.3560, 0.2109)

Conversions

Conversions Part 1

Format	Color
Hex	FF5EDB
RGB	255, 94, 219
RGB Percent	100%, 37%, 86%
CMY	0.0000, 0.6314, 0.1411
CMYK	0.00, 0.63, 0.14, 0.00
HSL	313°, 100%, 68%
HSV	313°, 63%, 100%
XYZ	58.0334, 34.3799, 70.6019
YIQ	156.3890, 55.8310, 73.0070

Conversions

Conversions Part 2

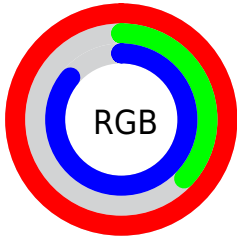
Format	Color
R _Y B	255, 94, 219
Decimal	16735963
CIE _{Lab}	65.26, 73.91, -33.00
CIE _{LCh}	65, 80.940, 335.940
Yxy	34.3799, 0.3560, 0.2109
Android (android.graphics.Color)	4294926043 (0xFFFF5EDB)
YUV	156.3890, 30.8672, 86.4818
Hunter-Lab	58.6344, 74.0603, -30.3472

Details

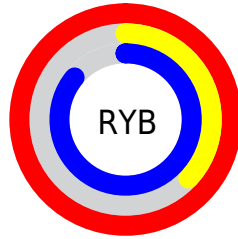
The Yxy color **34.3799, 0.3560, 0.2109** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **75.5105, 0.2897, 0.4927**, and the grayscale version is **33.2669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2625, 0.3174, 0.2302**, and **14.7827, 0.3652, 0.1833** is the 20% darker color. If you saturate the color by 10%, you get **30.2739, 0.3650, 0.1995**, and if you desaturate by 10%, it is **39.9915, 0.3473, 0.2260**.

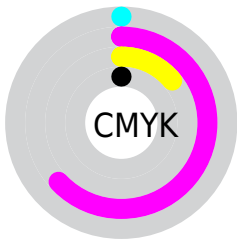
Distribution



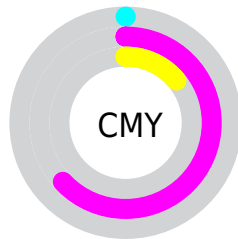
- Red (100%)
- Green (37%)
- Blue (86%)



- Red (100%)
- Yellow (37%)
- Blue (86%)



- Cyan (0%)
- Magenta (63%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3799, 0.3560, 0.2109 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 34.3799, 0.3560, 0.2109 by changing the saturation by 10% instead.

 34.3799, 0.3560,
0.2109


 34.3799, 0.3560,
0.2109

321.8227, 0.3364,
0.2658


 23.1856, 0.3603,
0.1985


 66.5240, 0.3494,
0.2299


 14.7306, 0.3654,
0.1833


 88.2426, 0.3467,
0.2373

 8.6305, 0.3716,
0.1645


 114.2381, 0.3444,
0.2437

 4.5010, 0.3791,
0.1406

 144.8949, 0.3424,
0.2493

 1.9576, 0.3882,
0.1100

180.5973, 0.3407,
0.2542

 0.5826, 0.3997,
0.0675

221.7299, 0.3391,

 0.0000, 0.4160,

0.2585

0.0000

268.6769, 0.3377,
0.2624

■ 0.0000, 0.3233,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.3799, 0.3560,
0.2109

■ 34.3799, 0.3560,
0.2109

■ 30.2739, 0.3650,
0.1995

■ 39.9915, 0.3473,
0.2260

■ 27.5221, 0.3740,
0.1926


■ 47.2446, 0.3391,
0.2438

■ 25.9364, 0.3827,
0.1905

■ 56.2568, 0.3316,
0.2633

■ 25.3372, 0.3885,
0.1914

■ 67.1356, 0.3250,
0.2834

 79.9800, 0.3192,
0.3035

 94.8818, 0.3141,
0.3231

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



34.3799, 0.2386, 0.1714



34.3799, 0.3560, 0.2109



34.3799, 0.4814, 0.2723

Triad

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



34.3799, 0.3560, 0.2109



34.3799, 0.4492, 0.5082



34.3799, 0.1238, 0.2424

Complementary

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



34.3799, 0.3560, 0.2109



75.5105, 0.2897, 0.4927

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.



34.3799, 0.1590, 0.3663



34.3799, 0.3560, 0.2109



34.3799, 0.3452, 0.5624

Square

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



34.3799, 0.3560, 0.2109



34.3799, 0.5276, 0.4237



34.3799, 0.2390, 0.5120



34.3799, 0.1264, 0.1790

Rectangle

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



34.3799, 0.3560, 0.2109



34.3799, 0.5352, 0.3196



34.3799, 0.2390, 0.5120



34.3799, 0.1308, 0.2768

Sweetspot

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



34.3790, 0.3560, 0.2109



72.2099, 0.3225, 0.2918



19.8815, 0.2104, 0.1345



14.6978, 0.3242, 0.2860



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.



34.3790, 0.3560, 0.2109



29.3562, 0.3676, 0.1971



31.1460, 0.4577, 0.2854



18.2268, 0.3172, 0.3107



13.2628, 0.3872, 0.1907



1.3076, 0.3781, 0.1856

Inverse Universe

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



34.3790, 0.3560, 0.2109



29.3562, 0.3676, 0.1971



78.5216, 0.2553, 0.3860



18.2268, 0.3172, 0.3107



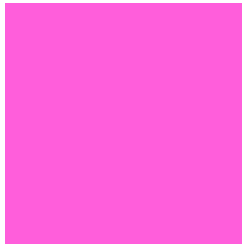
13.2628, 0.3872, 0.1907



1.3076, 0.3781, 0.1856

Previews

White Background



This preview shows how the Yxy color 34.3799, 0.3560, 0.2109 looks on a white background.

Color Contrast Check

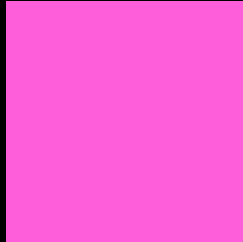
Large Text (above 18pt) WCAG AA × Fail

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 34.3799, 0.3560, 0.2109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

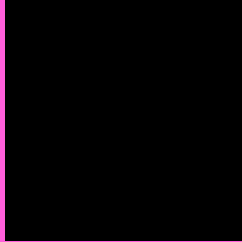
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3799, 0.3560, 0.2109

Background



This preview shows how black text looks on a background with the Yxy color 34.3799, 0.3560, 0.2109.

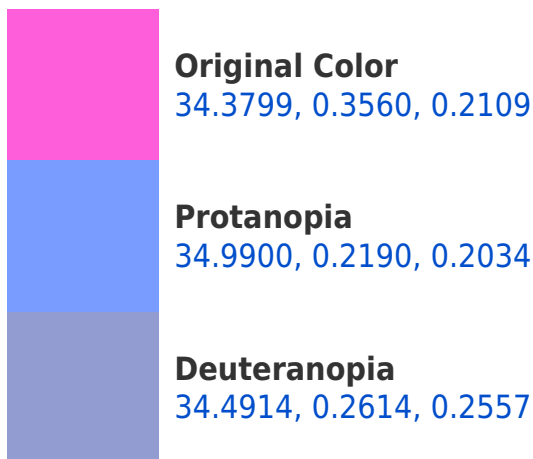


This preview shows how white text looks on a background with the Yxy color 34.3799, 0.3560, 0.2109.

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

34.3188, 0.4531, 0.3210

Trichromacy



Original Color

34.3799, 0.3560, 0.2109



Protanomaly

31.6209, 0.2543, 0.1972



Deuteranomaly

32.0183, 0.2911, 0.2293



Tritanomaly

33.8297, 0.4182, 0.2775

Monochromacy



Original Color

34.3799, 0.3560, 0.2109



Achromatopsia

33.2452, 0.3127, 0.3290



Achromatomaly

31.2362, 0.3294, 0.2689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3799, 0.3560, 0.2109 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(255, 94, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 219)  
}
```

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(255, 94, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 219) }
```

Border

The CSS property to change the border of an element to Yxy 34.3799, 0.3560, 0.2109 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(255, 94, 219) }
```

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

```
.border{ border-color:rgb(255, 94, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3799, 0.3560, 0.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 219) }
```

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

```
.background{ background-color: rgb(255, 94,  
219) }
```

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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