

Converting Colors

$Y_{xy}(39.5970, 0.3414, 0.2356)$

Have a look what the booklet for
Yxy(39.5970, 0.3414, 0.2356)
contains.

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Color

Yxy(39.5550, 0.3416, 0.2357)

Conversions

Conversions Part 1

Format	Color
Hex	F380DA
RGB	243, 128, 218
RGB Percent	95%, 50%, 85%
CMY	0.0472, 0.4979, 0.1451
CMYK	0.00, 0.47, 0.10, 0.05
HSL	313°, 83%, 73%
HSV	313°, 47%, 95%
XYZ	57.3271, 39.5550, 70.9372
YIQ	172.6450, 39.6500, 52.3700

Conversions

Conversions Part 2

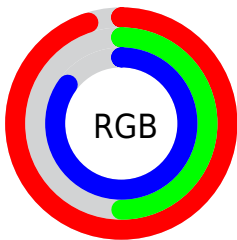
Format	Color
RYB	243, 128, 218
Decimal	15958234
CIELab	69.15, 55.42, -26.57
CIELCh	69, 61.459, 334.387
Yxy	39.5550, 0.3416, 0.2357
Android (android.graphics.Color)	4294148314 (0xFFFF380DA)
YUV	172.6450, 22.3600, 61.7013
Hunter-Lab	62.8928, 52.6413, -22.8487

Details

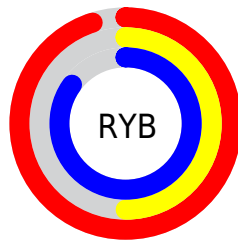
The Yxy color $39.5550, 0.3416, 0.2357$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $70.9742, 0.2936, 0.4462$, and the grayscale version is $41.4715, 0.3127, 0.3290$.

A 20% lighter version of the original color is $62.7610, 0.3160, 0.2595$, and $17.7237, 0.3483, 0.2129$ is the 20% darker color. If you saturate the color by 10%, you get $33.6856, 0.3498, 0.2188$, and if you desaturate by 10%, it is $46.9542, 0.3341, 0.2547$.

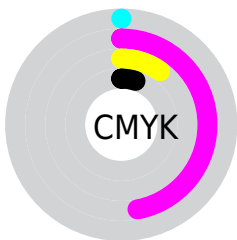
Distribution



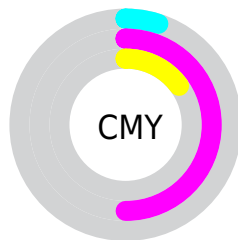
- Red (95%)
- Green (50%)
- Blue (85%)



- Red (95%)
- Yellow (50%)
- Blue (85%)



- Cyan (0%)
- Magenta (47%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5550, 0.3416, 0.2357 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 39.5550, 0.3416, 0.2357 by changing the saturation by 10% instead.


 39.5550, 0.3416,
0.2357


 39.5550, 0.3416,
0.2357

344.2444, 0.3286,
0.2795

 27.1918, 0.3444,
0.2256


 74.4854, 0.3372,
0.2510

 17.7173, 0.3479,
0.2132


 97.8214, 0.3354,
0.2569

 10.7472, 0.3520,
0.1975


 125.5837, 0.3339,
0.2620

 5.8971, 0.3572,
0.1772

158.1567, 0.3326,
0.2664

 2.7826, 0.3635,
0.1501

195.9249, 0.3314,
0.2703

 1.0193, 0.3708,
0.1130

239.2727, 0.3303,

 0.0000, 0.4019,

0.2737

0.0000

288.5844, 0.3294,
0.2768

■ 0.0000, 0.2777,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.5550, 0.3416,
0.2357

■ 39.5550, 0.3416,
0.2357

■ 33.6856, 0.3498,
0.2188

■ 46.9542, 0.3341,
0.2547

■ 29.2304, 0.3583,
0.2050

■ 55.9771, 0.3273,
0.2747

■ 26.0663, 0.3671,
0.1953

■ 66.7162, 0.3213,
0.2950

■ 24.0463, 0.3757,
0.1902

■ 79.2558, 0.3161,
0.3150

■ 22.9790, 0.3839,
0.1898

■ 93.6744, 0.3116,
0.3340

■ 22.7743, 0.3861,
0.1901

■ 97.4506, 0.3083,
0.3342

■ 97.7860, 0.3054,
0.3290

■ 97.7891, 0.3053,
0.3290

Harmonies

Analogous

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



39.5550, 0.2545, 0.2041



39.5550, 0.3416, 0.2357



39.5550, 0.4318, 0.2859

Triad

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



39.5550, 0.3416, 0.2357



39.5550, 0.4294, 0.4695



39.5550, 0.1659, 0.2727

Complementary

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



39.5550, 0.3416, 0.2357



70.9742, 0.2936, 0.4462

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.



39.5550, 0.2001, 0.3641



39.5550, 0.3416, 0.2357



39.5550, 0.3509, 0.4973

Square

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



39.5550, 0.3416, 0.2357



39.5550, 0.4814, 0.4107



39.5550, 0.2668, 0.4587



39.5550, 0.1648, 0.2172

Rectangle

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



39.5550, 0.3416, 0.2357



39.5550, 0.4738, 0.3256



39.5550, 0.2668, 0.4587



39.5550, 0.1735, 0.2998

Sweetspot

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



39.5568, 0.3416, 0.2357



78.8101, 0.3195, 0.3016



28.6812, 0.2403, 0.1862



16.2474, 0.3207, 0.2973



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.



39.5568, 0.3416, 0.2357



37.6866, 0.3496, 0.2190



37.0543, 0.4050, 0.2938



16.7030, 0.3171, 0.3107



12.5239, 0.3849, 0.1894



1.1157, 0.3753, 0.1841

Inverse Universe

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



39.5568, 0.3416, 0.2357



37.6866, 0.3496, 0.2190



73.3473, 0.2650, 0.3693



16.7030, 0.3171, 0.3107



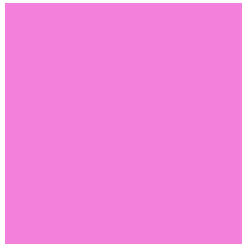
12.5239, 0.3849, 0.1894



1.1157, 0.3753, 0.1841

Previews

White Background



This preview shows how the Yxy color 39.5550, 0.3416, 0.2357 looks on a white background.

Color Contrast Check

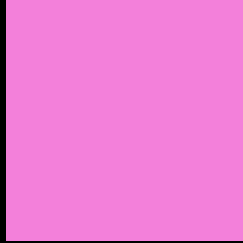
Large Text (above 18pt) WCAG AA × Fail

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 39.5550, 0.3416, 0.2357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

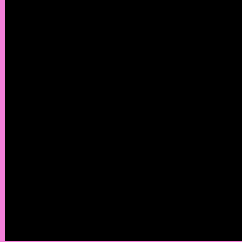
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5550, 0.3416, 0.2357

Background



This preview shows how black text looks on a background with the Yxy color 39.5550, 0.3416, 0.2357.



This preview shows how white text looks on a background with the Yxy color 39.5550, 0.3416, 0.2357.

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

39.5550, 0.3416, 0.2357

Protanopia

40.1925, 0.2387, 0.2288

Deuteranopia

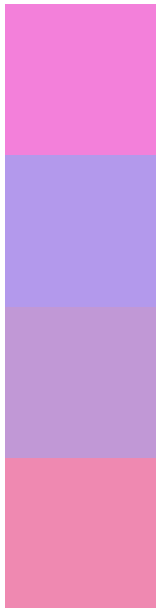
39.8681, 0.2755, 0.2698



Tritanopia

39.4788, 0.4014, 0.3168

Trichromacy



Original Color

39.5550, 0.3416, 0.2357

Protanomaly

38.4223, 0.2687, 0.2288

Deuteranomaly

38.6490, 0.2971, 0.2531

Tritanomaly

39.4164, 0.3794, 0.2849

Monochromacy



Original Color

39.5550, 0.3416, 0.2357

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

39.7938, 0.3231, 0.2888

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5550, 0.3416, 0.2357 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(243, 128, 218)` looks like.

```
.text, #text, p{  
    color:rgb(243, 128, 218)  
}
```

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(243, 128, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 128, 218) }
```

Border

The CSS property to change the border of an element to Yxy 39.5550, 0.3416, 0.2357 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(243, 128, 218) }
```

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

```
.border{ border-color:rgb(243, 128, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 128, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 128, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 128, 218);  
box-shadow:4px 4px 4px 4px rgb(243, 128,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5550, 0.3416, 0.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 128, 218) }
```

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

```
.background{ background-color: rgb(243,  
128, 218) }
```

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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