

Converting Colors

$Yxy(39.9771, 0.3361, 0.2322)$

Have a look what the booklet for
Yxy(39.9771, 0.3361, 0.2322)
contains.

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Color

Yxy(39.9055, 0.3357, 0.2318)

Conversions

Conversions Part 1

Format	Color
Hex	F281DF
RGB	242, 129, 223
RGB Percent	95%, 51%, 87%
CMY	0.0509, 0.4941, 0.1256
CMYK	0.00, 0.47, 0.08, 0.05
HSL	310°, 81%, 73%
HSV	310°, 47%, 95%
XYZ	57.7924, 39.9055, 74.4570
YIQ	173.5030, 37.1740, 53.1900

Conversions

Conversions Part 2

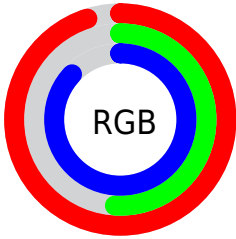
Format	Color
R _Y B	242, 129, 223
Decimal	15892959
CIE _{Lab}	69.40, 55.48, -28.96
CIE _{LCh}	69, 62.581, 332.438
Yxy	39.9055, 0.3357, 0.2318
Android (android.graphics.Color)	4294083039 (0xFFFF281DF)
YUV	173.5030, 24.4020, 60.0719
Hunter-Lab	63.1708, 52.7535, -25.6633

Details

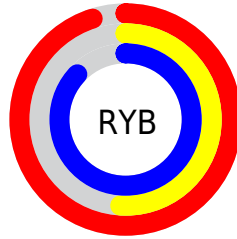
The Yxy color **39.9055, 0.3357, 0.2318** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **70.3262, 0.2965, 0.4518**, and the grayscale version is **41.9182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1779, 0.3159, 0.2604**, and **17.9151, 0.3399, 0.2079** is the 20% darker color. If you saturate the color by 10%, you get **34.0519, 0.3420, 0.2140**, and if you desaturate by 10%, it is **47.2778, 0.3298, 0.2518**.

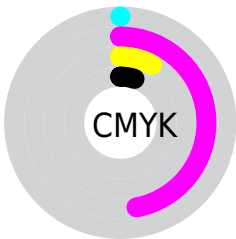
Distribution



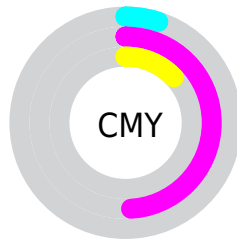
- Red (95%)
- Green (51%)
- Blue (87%)



- Red (95%)
- Yellow (51%)
- Blue (87%)



- Cyan (0%)
- Magenta (47%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9055, 0.3357, 0.2318 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 39.9055, 0.3357, 0.2318 by changing the saturation by 10% instead.


 39.9055, 0.3357,
0.2318

 39.9055, 0.3357,
0.2318


345.7251, 0.3258,
0.2772

 27.4649, 0.3377,
0.2215


 75.0196, 0.3324,
0.2476

 17.9227, 0.3401,
0.2087


 98.4618, 0.3311,
0.2537

 10.8945, 0.3428,
0.1927


 126.3401, 0.3300,
0.2590

 5.9959, 0.3460,
0.1721

159.0387, 0.3289,
0.2635

 2.8426, 0.3493,
0.1449

196.9422, 0.3280,
0.2676

 1.0501, 0.3518,
0.1082

240.4348, 0.3272,

 0.0000, 0.3715,

0.2711

0.0000

289.9010, 0.3265,
0.2743

0.0000, 0.2425,
0.0000

0.0000, 0.0000,
0.0000

39.9055, 0.3357,
0.2318

39.9055, 0.3357,
0.2318

34.0519, 0.3420,
0.2140

47.2778, 0.3298,
0.2518

29.6032, 0.3486,
0.1993


56.2610, 0.3243,
0.2729


26.4385, 0.3552,
0.1886


66.9464, 0.3195,
0.2943

24.4140, 0.3616,
0.1825

79.4170, 0.3152,
0.3153

 23.3479, 0.3677,
0.1809

 93.7503, 0.3116,
0.3355

 23.1111, 0.3696,
0.1810

 97.1452, 0.3090,
0.3364

 97.4003, 0.3067,
0.3324

 97.6221, 0.3048,
0.3290

Harmonies

Analogous

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



39.9055, 0.2487, 0.2014



39.9055, 0.3357, 0.2318



39.9055, 0.4283, 0.2815

Triad

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



39.9055, 0.3357, 0.2318



39.9055, 0.4351, 0.4679



39.9055, 0.1653, 0.2767

Complementary

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



39.9055, 0.3357, 0.2318



70.3262, 0.2965, 0.4518

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.



39.9055, 0.2019, 0.3714



39.9055, 0.3357, 0.2318



39.9055, 0.3566, 0.4998

Square

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



39.9055, 0.3357, 0.2318



39.9055, 0.4856, 0.4071



39.9055, 0.2712, 0.4658



39.9055, 0.1621, 0.2181

Rectangle

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



39.9055, 0.3357, 0.2318



39.9055, 0.4731, 0.3212



39.9055, 0.2712, 0.4658



39.9055, 0.1736, 0.3050

Sweetspot

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



39.9073, 0.3357, 0.2318



78.9184, 0.3183, 0.3000



28.3910, 0.2372, 0.1867



16.2740, 0.3193, 0.2954



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.



39.9073, 0.3357, 0.2318



38.6588, 0.3417, 0.2149



37.3583, 0.3965, 0.2881



15.9830, 0.3164, 0.3096



12.4300, 0.3687, 0.1805



1.0461, 0.3613, 0.1764

Inverse Universe

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



39.9073, 0.3357, 0.2318



38.6588, 0.3417, 0.2149



72.5634, 0.2682, 0.3761



15.9830, 0.3164, 0.3096



12.4300, 0.3687, 0.1805



1.0461, 0.3613, 0.1764

Previews

White Background



This preview shows how the Yxy color 39.9055, 0.3357, 0.2318 looks on a white background.

Color Contrast Check

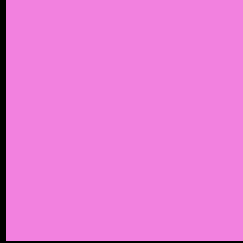
Large Text (above 18pt) WCAG AA × Fail

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 39.9055, 0.3357, 0.2318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

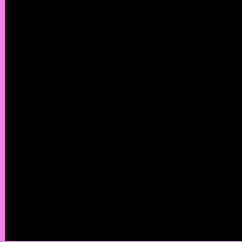
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9055, 0.3357, 0.2318

Background



This preview shows how black text looks on a background with the Yxy color 39.9055, 0.3357, 0.2318.



This preview shows how white text looks on a background with the Yxy color 39.9055, 0.3357, 0.2318.

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

39.9055, 0.3357, 0.2318

Protanopia

40.3920, 0.2345, 0.2227

Deuteranopia

40.2767, 0.2705, 0.2650



Tritanopia

39.8055, 0.3964, 0.3167

Trichromacy



Original Color

39.9055, 0.3357, 0.2318



Protanomaly

38.6582, 0.2639, 0.2228



Deuteranomaly

38.9733, 0.2913, 0.2486



Tritanomaly

39.7651, 0.3736, 0.2835

Monochromacy



Original Color

39.9055, 0.3357, 0.2318



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.4016, 0.3213, 0.2866

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9055, 0.3357, 0.2318 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(242, 129, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 129, 223)  
}
```

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(242, 129, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 129, 223) }
```

Border

The CSS property to change the border of an element to Yxy 39.9055, 0.3357, 0.2318 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(242, 129, 223) }
```

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

```
.border{ border-color:rgb(242, 129, 223) }
```

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

Here you see how a box with a 4 pixel rgb(242, 129, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 129, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 129, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 129,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9055, 0.3357, 0.2318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 129, 223) }
```

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

```
.background{ background-color: rgb(242,  
129, 223) }
```

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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