

Converting Colors

$Yxy(39.3316, 0.3511, 0.2463)$

Have a look what the booklet for
Yxy(39.3316, 0.3511, 0.2463)
contains.

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Color

Yxy(39.1318, 0.3507, 0.2457)

Conversions

Conversions Part 1

Format	Color
Hex	F281D0
RGB	242, 129, 208
RGB Percent	95%, 51%, 82%
CMY	0.0509, 0.4941, 0.1843
CMYK	0.00, 0.47, 0.14, 0.05
HSL	318°, 81%, 73%
HSV	318°, 47%, 95%
XYZ	55.8548, 39.1318, 64.2800
YIQ	171.7930, 41.9890, 48.5250

Conversions

Conversions Part 2

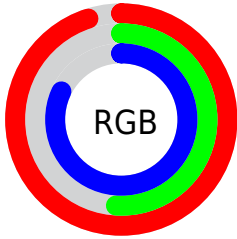
Format	Color
R _Y B	242, 129, 208
Decimal	15892944
CIE _{Lab}	68.85, 53.09, -21.49
CIE _{LCh}	69, 57.271, 337.960
Y _{xy}	39.1318, 0.3507, 0.2457
Android (android.graphics.Color)	4294083024 (0xFFFF281D0)
YUV	171.7930, 17.8501, 61.5715
Hunter-Lab	62.5554, 49.9080, -17.1358

Details

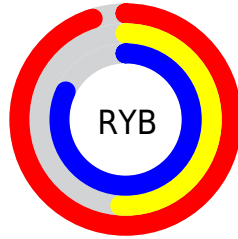
The Yxy color **39.1318, 0.3507, 0.2457** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **70.8217, 0.2890, 0.4317**, and the grayscale version is **41.0381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1779, 0.3159, 0.2604**, and **17.5224, 0.3613, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **33.1449, 0.3621, 0.2301**, and if you desaturate by 10%, it is **46.6484, 0.3404, 0.2631**.

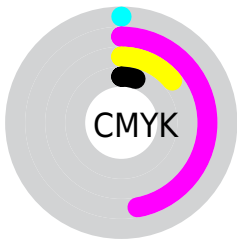
Distribution



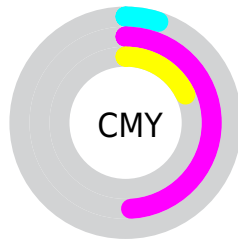
- Red (95%)
- Green (51%)
- Blue (82%)



- Red (95%)
- Yellow (51%)
- Blue (82%)



- Cyan (0%)
- Magenta (47%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1318, 0.3507, 0.2457 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 39.1318, 0.3507, 0.2457 by changing the saturation by 10% instead.


 39.1318, 0.3507,
0.2457


 39.1318, 0.3507,
0.2457

342.4505, 0.3327,
0.2853


 26.8623, 0.3549,
0.2364


 73.8396, 0.3444,
0.2596

 17.4698, 0.3601,
0.2249


 97.0467, 0.3419,
0.2650

 10.5700, 0.3668,
0.2102


 124.6684, 0.3398,
0.2696

 5.7785, 0.3756,
0.1908

157.0892, 0.3380,
0.2736

 2.7109, 0.3875,
0.1644

194.6934, 0.3364,
0.2771

 0.9827, 0.4042,
0.1271

237.8654, 0.3350,

 0.0000, 0.4620,

0.2802

0.0000

286.9897, 0.3338,
0.2829

■ 0.0000, 0.4363,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.1318, 0.3507,
0.2457

■ 39.1318, 0.3507,
0.2457

■ 33.1449, 0.3621,
0.2301

■ 46.6484, 0.3404,
0.2631

■ 28.5737, 0.3745,
0.2174


■ 55.7870, 0.3313,
0.2814


■ 25.2972, 0.3873,
0.2088

■ 66.6391, 0.3234,
0.2997


■ 23.1715, 0.4002,
0.2049


■ 79.2879, 0.3166,
0.3175

 22.0146, 0.4128,
0.2060

 93.8109, 0.3109,
0.3345

 21.7496, 0.4169,
0.2070

 97.4081, 0.3066,
0.3322

 97.6188, 0.3048,
0.3290

Harmonies

Analogous

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



39.1318, 0.2669, 0.2131



39.1318, 0.3507, 0.2457



39.1318, 0.4326, 0.2953

Triad

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



39.1318, 0.3507, 0.2457



39.1318, 0.4159, 0.4673



39.1318, 0.1721, 0.2688

Complementary

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



39.1318, 0.3507, 0.2457



70.8217, 0.2890, 0.4317

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.



39.1318, 0.2012, 0.3510



39.1318, 0.3507, 0.2457



39.1318, 0.3403, 0.4852

Square

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



39.1318, 0.3507, 0.2457



39.1318, 0.4681, 0.4150



39.1318, 0.2616, 0.4406



39.1318, 0.1742, 0.2198

Rectangle

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



39.1318, 0.3507, 0.2457



39.1318, 0.4682, 0.3339



39.1318, 0.2616, 0.4406



39.1318, 0.1782, 0.2930

Sweetspot

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



39.1336, 0.3507, 0.2457



78.6269, 0.3215, 0.3045



29.8888, 0.2488, 0.1909



16.2024, 0.3230, 0.3006



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.



39.1336, 0.3507, 0.2457



37.6469, 0.3615, 0.2309



36.8339, 0.4143, 0.3046



15.9456, 0.3184, 0.3126



11.7084, 0.4149, 0.2059



0.9915, 0.3995, 0.1975

Inverse Universe

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



39.1336, 0.3507, 0.2457



37.6469, 0.3615, 0.2309



73.3127, 0.2610, 0.3566



15.9456, 0.3184, 0.3126



11.7084, 0.4149, 0.2059



0.9915, 0.3995, 0.1975

Previews

White Background



This preview shows how the Yxy color 39.1318, 0.3507, 0.2457 looks on a white background.

Color Contrast Check

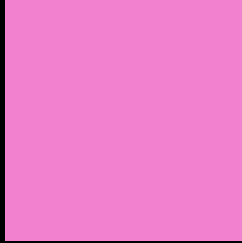
Large Text (above 18pt) WCAG AA × Fail

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 39.1318, 0.3507, 0.2457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

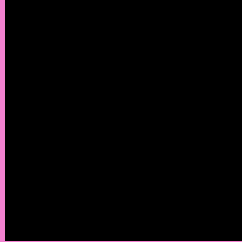
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1318, 0.3507, 0.2457

Background



This preview shows how black text looks on a background with the Yxy color 39.1318, 0.3507, 0.2457.



This preview shows how white text looks on a background with the Yxy color 39.1318, 0.3507, 0.2457.

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

39.1318, 0.3507, 0.2457

Protanopia

39.4736, 0.2476, 0.2404

Deuteranopia

39.4994, 0.2853, 0.2799



Tritanopia

39.1170, 0.4040, 0.3180

Trichromacy



Original Color

39.1318, 0.3507, 0.2457



Protanomaly

38.1638, 0.2790, 0.2405



Deuteranomaly

38.4182, 0.3073, 0.2645



Tritanomaly

39.0470, 0.3839, 0.2902

Monochromacy



Original Color

39.1318, 0.3507, 0.2457



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.1500, 0.3260, 0.2922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1318, 0.3507, 0.2457 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 129, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 129, 208) }
```

Border

The CSS property to change the border of an element to Yxy 39.1318, 0.3507, 0.2457 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, 208) }
```

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

```
.border{ border-color:rgb(242, 129, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 129, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 129, 208); box-shadow:4px 4px 4px 4px rgb(242, 129, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1318, 0.3507, 0.2457 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, 208) }
```

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

```
.background{ background-color: rgb(242,  
129, 208) }
```

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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