

Converting Colors

$Y_{xy}(39.1285, 0.3402, 0.2303)$

Have a look what the booklet for
Yxy(39.1285, 0.3402, 0.2303)
contains.

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Color

Yxy(39.1208, 0.3399, 0.2305)

Conversions

Conversions Part 1

Format	Color
Hex	F47DDD
RGB	244, 125, 221
RGB Percent	96%, 49%, 87%
CMY	0.0432, 0.5097, 0.1334
CMYK	0.00, 0.49, 0.09, 0.04
HSL	312°, 84%, 72%
HSV	312°, 49%, 96%
XYZ	57.6883, 39.1208, 72.9123
YIQ	171.5250, 40.1080, 55.0840

Conversions

Conversions Part 2

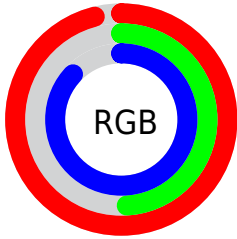
Format	Color
R_{YB}	244, 125, 221
Decimal	16023005
CIE Lab	68.84, 57.65, -28.70
CIE LCh	69, 64.403, 333.534
Yxy	39.1208, 0.3399, 0.2305
Android (android.graphics.Color)	4294213085 (0xFFFF47DDD)
YUV	171.5250, 24.3912, 63.5606
Hunter-Lab	62.5466, 55.1785, -25.3334

Details

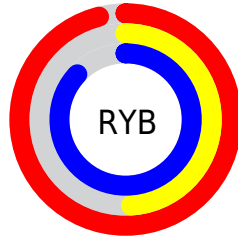
The Yxy color **39.1208, 0.3399, 0.2305** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **71.1927, 0.2946, 0.4544**, and the grayscale version is **40.8647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5277, 0.3161, 0.2565**, and **17.4478, 0.3444, 0.2066** is the 20% darker color. If you saturate the color by 10%, you get **33.4366, 0.3472, 0.2136**, and if you desaturate by 10%, it is **46.3327, 0.3331, 0.2497**.

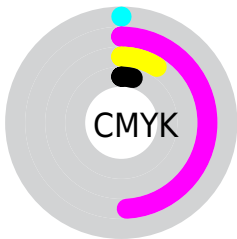
Distribution



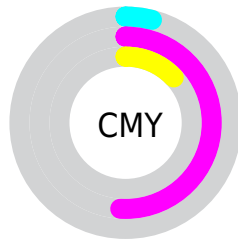
- Red (96%)
- Green (49%)
- Blue (87%)



- Red (96%)
- Yellow (49%)
- Blue (87%)



- Cyan (0%)
- Magenta (49%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1208, 0.3399, 0.2305 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 39.1208, 0.3399, 0.2305 by changing the saturation by 10% instead.


 39.1208, 0.3399,
0.2305


 39.1208, 0.3399,
0.2305

342.4038, 0.3279,
0.2765


 26.8537, 0.3424,
0.2200


 73.8228, 0.3359,
0.2465

 17.4634, 0.3454,
0.2071


 97.0266, 0.3343,
0.2527

 10.5654, 0.3490,
0.1908


 124.6446, 0.3329,
0.2581

 5.7754, 0.3533,
0.1698

157.0614, 0.3316,
0.2627

 2.7090, 0.3582,
0.1422

194.6613, 0.3305,
0.2668

 0.9818, 0.3630,
0.1049

237.8288, 0.3296,

 0.0000, 0.3858,

0.2704

0.0000

286.9481, 0.3287,
0.2737

■ 0.0000, 0.2605,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.1208, 0.3399,
0.2305

■ 39.1208, 0.3399,
0.2305

■ 33.4366, 0.3472,
0.2136

■ 46.3327, 0.3331,
0.2497

■ 29.1614, 0.3548,
0.2000


■ 55.1686, 0.3268,
0.2701


■ 26.1683, 0.3625,
0.1906


■ 65.7230, 0.3213,
0.2910


■ 24.3046, 0.3699,
0.1858


■ 78.0820, 0.3164,
0.3116


 23.3466, 0.3770,
0.1855

 92.3255, 0.3122,
0.3314

 23.2541, 0.3779,
0.1855

 97.6080, 0.3092,
0.3346

 97.9064, 0.3065,
0.3300

 97.9706, 0.3060,
0.3290

Harmonies

Analogous

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



39.1208, 0.2493, 0.1985



39.1208, 0.3399, 0.2305



39.1208, 0.4355, 0.2819

Triad

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



39.1208, 0.3399, 0.2305



39.1208, 0.4356, 0.4736



39.1208, 0.1603, 0.2715

Complementary

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



39.1208, 0.3399, 0.2305



71.1927, 0.2946, 0.4544

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.



39.1208, 0.1962, 0.3687



39.1208, 0.3399, 0.2305



39.1208, 0.3539, 0.5062

Square

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



39.1208, 0.3399, 0.2305



39.1208, 0.4898, 0.4108



39.1208, 0.2663, 0.4687



39.1208, 0.1584, 0.2130

Rectangle

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



39.1208, 0.3399, 0.2305



39.1208, 0.4806, 0.3227



39.1208, 0.2663, 0.4687



39.1208, 0.1683, 0.3003

Sweetspot

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



39.1226, 0.3399, 0.2305



77.5099, 0.3194, 0.2987



27.3900, 0.2346, 0.1802



15.9939, 0.3205, 0.2944



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.



39.1226, 0.3399, 0.2305



36.7585, 0.3475, 0.2130



36.5358, 0.4045, 0.2886



16.7102, 0.3168, 0.3101



12.6655, 0.3768, 0.1849



1.1269, 0.3685, 0.1804

Inverse Universe

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



39.1226, 0.3399, 0.2305



36.7585, 0.3475, 0.2130



73.5257, 0.2658, 0.3760



16.7102, 0.3168, 0.3101



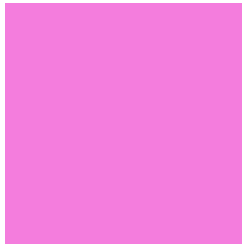
12.6655, 0.3768, 0.1849



1.1269, 0.3685, 0.1804

Previews

White Background



This preview shows how the Yxy color 39.1208, 0.3399, 0.2305 looks on a white background.

Color Contrast Check

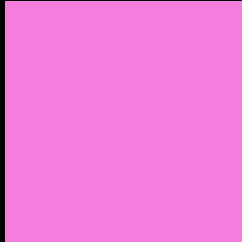
Large Text (above 18pt) WCAG AA × Fail

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 39.1208, 0.3399, 0.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

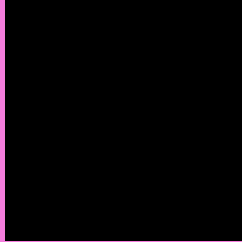
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1208, 0.3399, 0.2305

Background



This preview shows how black text looks on a background with the Yxy color 39.1208, 0.3399, 0.2305.



This preview shows how white text looks on a background with the Yxy color 39.1208, 0.3399, 0.2305.

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

39.1208, 0.3399, 0.2305

Protanopia

39.7676, 0.2325, 0.2209

Deuteranopia

39.3424, 0.2709, 0.2645



Tritanopia

39.1170, 0.4040, 0.3180

Trichromacy



Original Color

39.1208, 0.3399, 0.2305



Protanomaly

37.8312, 0.2635, 0.2212



Deuteranomaly

37.8988, 0.2928, 0.2470



Tritanomaly

38.8133, 0.3810, 0.2839

Monochromacy



Original Color

39.1208, 0.3399, 0.2305



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.1662, 0.3224, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1208, 0.3399, 0.2305 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(244, 125, 221)` looks like.

```
.text, #text, p{  
    color:rgb(244, 125, 221)  
}
```

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(244, 125, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 125, 221) }
```

Border

The CSS property to change the border of an element to Yxy 39.1208, 0.3399, 0.2305 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(244, 125, 221) }
```

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

```
.border{ border-color:rgb(244, 125, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 125, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 125, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 125, 221);  
box-shadow:4px 4px 4px 4px rgb(244, 125,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1208, 0.3399, 0.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 125, 221) }
```

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

```
.background{ background-color: rgb(244,  
125, 221) }
```

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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