

Converting Colors

$Yxy(39.6282, 0.3224, 0.2074)$

Have a look what the booklet for
Yxy(39.6282, 0.3224, 0.2074)
contains.

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Color

Yxy(39.6818, 0.3222, 0.2074)

Conversions

Conversions Part 1

Format	Color
Hex	F877F4
RGB	248, 119, 244
RGB Percent	97%, 47%, 96%
CMY	0.0273, 0.5334, 0.0431
CMYK	0.00, 0.52, 0.02, 0.03
HSL	302°, 90%, 72%
HSV	302°, 52%, 97%
XYZ	61.6465, 39.6818, 90.0015
YIQ	171.8210, 36.7590, 66.2230

Conversions

Conversions Part 2

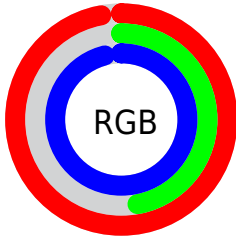
Format	Color
R _Y B	248, 119, 244
Decimal	16283636
CIE Lab	69.24, 65.38, -40.73
CIE LCh	69, 77.030, 328.080
Yxy	39.6818, 0.3222, 0.2074
Android (android.graphics.Color)	4294473716 (0xFFFF877F4)
YUV	171.8210, 35.5842, 66.8090
Hunter-Lab	62.9935, 64.4444, -40.6148

Details

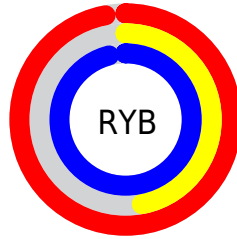
The Yxy color **39.6818, 0.3222, 0.2074** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **72.5066, 0.3032, 0.4911**, and the grayscale version is **40.9617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5307, 0.3163, 0.2517**, and **17.7442, 0.3222, 0.1808** is the 20% darker color. If you saturate the color by 10%, you get **34.4846, 0.3240, 0.1895**, and if you desaturate by 10%, it is **46.4228, 0.3203, 0.2284**.

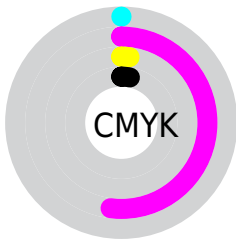
Distribution



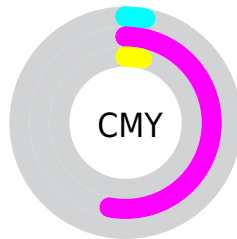
- Red (97%)
- Green (47%)
- Blue (96%)



- Red (97%)
- Yellow (47%)
- Blue (96%)



- Cyan (0%)
- Magenta (52%)
- Yellow (2%)
- Black (3%)




- Cyan (3%)
- Magenta (53%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6818, 0.3222, 0.2074 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 39.6818, 0.3222, 0.2074 by changing the saturation by 10% instead.


 39.6818, 0.3222,
0.2074


 39.6818, 0.3222,
0.2074

344.7806, 0.3200,
0.2624

 27.2905, 0.3221,
0.1954


 74.6787, 0.3219,
0.2261

 17.7915, 0.3217,
0.1808


 98.0532, 0.3216,
0.2335

 10.8004, 0.3207,
0.1630


 125.8575, 0.3214,
0.2399

 5.9328, 0.3186,
0.1408

158.4760, 0.3211,
0.2456

 2.8043, 0.3141,
0.1129

196.2932, 0.3208,
0.2505

 1.0304, 0.3047,
0.0781

239.6934, 0.3205,

 0.0000, 0.2949,

0.2549

0.0000

289.0611, 0.3202,
0.2589

■ 0.0000, 0.2167,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.6818, 0.3222,
0.2074

■ 39.6818, 0.3222,
0.2074

■ 34.4846, 0.3240,
0.1895

■ 46.4228, 0.3203,
0.2284

■ 30.7033, 0.3256,
0.1755


■ 54.8117, 0.3184,
0.2515


■ 28.1985, 0.3270,
0.1658

■ 64.9495, 0.3165,
0.2757

■ 26.8001, 0.3282,
0.1604

■ 76.9279, 0.3147,
0.3002

 26.2712, 0.3290,
0.1586

 90.8319, 0.3130,
0.3242

 98.3005, 0.3120,
0.3351

 98.3488, 0.3116,
0.3344

 98.3974, 0.3112,
0.3336

 98.4461, 0.3107,
0.3329

Harmonies

Analogous

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



39.6818, 0.2225, 0.1765



39.6818, 0.3222, 0.2074



39.6818, 0.4392, 0.2612

Triad

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



39.6818, 0.3222, 0.2074



39.6818, 0.4648, 0.4789



39.6818, 0.1420, 0.2759

Complementary

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



39.6818, 0.3222, 0.2074



72.5066, 0.3032, 0.4911

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.



39.6818, 0.1876, 0.3997



39.6818, 0.3222, 0.2074



39.6818, 0.3731, 0.5362

Square

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



39.6818, 0.3222, 0.2074



39.6818, 0.5234, 0.4017



39.6818, 0.2723, 0.5157



39.6818, 0.1349, 0.2019

Rectangle

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



39.6818, 0.3222, 0.2074



39.6818, 0.5000, 0.3050



39.6818, 0.2723, 0.5157



39.6818, 0.1525, 0.3126

Sweetspot

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



39.6836, 0.3222, 0.2074



76.5927, 0.3154, 0.2904



24.0428, 0.2135, 0.1632



15.8314, 0.3158, 0.2854



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.



39.6836, 0.3222, 0.2074



36.6971, 0.3240, 0.1894



36.5025, 0.3882, 0.2639



17.5147, 0.3143, 0.3064



14.1914, 0.3289, 0.1585



1.3172, 0.3279, 0.1580

Inverse Universe

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



39.6836, 0.3222, 0.2074



36.6971, 0.3240, 0.1894



74.6070, 0.2738, 0.4085



17.5147, 0.3143, 0.3064



14.1914, 0.3289, 0.1585



1.3172, 0.3279, 0.1580

Previews

White Background



This preview shows how the Yxy color 39.6818, 0.3222, 0.2074 looks on a white background.

Color Contrast Check

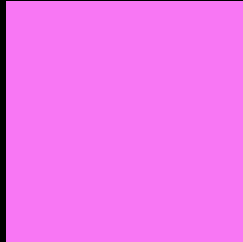
Large Text (above 18pt) WCAG AA × Fail

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 39.6818, 0.3222, 0.2074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

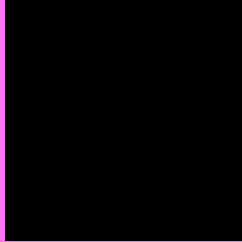
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6818, 0.3222, 0.2074

Background



This preview shows how black text looks on a background with the Yxy color 39.6818, 0.3222, 0.2074.



This preview shows how white text looks on a background with the Yxy color 39.6818, 0.3222, 0.2074.

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

39.6818, 0.3222, 0.2074

Protanopia

40.2607, 0.2317, 0.2203

Deuteranopia

39.8966, 0.2473, 0.2407



Tritanopia

39.6175, 0.4035, 0.3180

Trichromacy



Original Color

39.6818, 0.3222, 0.2074



Protanomaly

38.2427, 0.2577, 0.2112



Deuteranomaly

38.2350, 0.2703, 0.2235



Tritanomaly

39.2537, 0.3733, 0.2736

Monochromacy



Original Color

39.6818, 0.3222, 0.2074



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.1390, 0.3172, 0.2735

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6818, 0.3222, 0.2074 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(248, 119, 244)` looks like.

```
.text, #text, p{  
    color:rgb(248, 119, 244)  
}
```

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(248, 119, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 119, 244) }
```

Border

The CSS property to change the border of an element to Yxy 39.6818, 0.3222, 0.2074 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(248, 119, 244) }
```

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

```
.border{ border-color:rgb(248, 119, 244) }
```

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

Here you see how a box with a 4 pixel rgb(248, 119, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 119, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 119, 244);  
box-shadow:4px 4px 4px 4px rgb(248, 119,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6818, 0.3222, 0.2074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 119, 244) }
```

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

```
.background{ background-color: rgb(248,  
119, 244) }
```

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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