

Converting Colors

Yxy(38.9714, 0.3753, 0.2510)

Have a look what the booklet for
Yxy(38.9714, 0.3753, 0.2510)
contains.

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Color

Yxy(39.0120, 0.3755, 0.2514)

Conversions

Conversions Part 1

Format	Color
Hex	FF79C6
RGB	255, 121, 198
RGB Percent	100%, 47%, 78%
CMY	0.0000, 0.5254, 0.2234
CMYK	0.00, 0.53, 0.22, 0.00
HSL	326°, 100%, 74%
HSV	326°, 53%, 100%
XYZ	58.2697, 39.0120, 57.8973
YIQ	169.8440, 55.1470, 52.3550

Conversions

Conversions Part 2

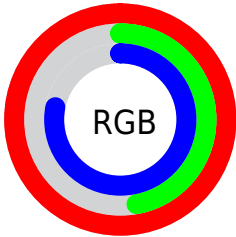
Format	Color
R _Y B	255, 121, 198
Decimal	16742854
CIE _{Lab}	68.76, 59.41, -15.89
CIE _{LCh}	69, 61.499, 345.024
Yxy	39.0120, 0.3755, 0.2514
Android (android.graphics.Color)	4294932934 (0xFFFF79C6)
YUV	169.8440, 13.8809, 74.6818
Hunter-Lab	62.4596, 57.2217, -11.2375

Details

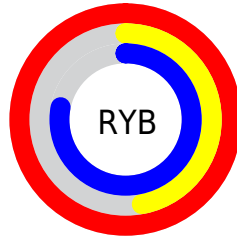
The Yxy color **39.0120, 0.3755, 0.2514** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **78.7936, 0.2792, 0.4258**, and the grayscale version is **40.0282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9243, 0.3163, 0.2527**, and **17.3963, 0.3923, 0.2319** is the 20% darker color. If you saturate the color by 10%, you get **33.1308, 0.3935, 0.2398**, and if you desaturate by 10%, it is **46.5704, 0.3594, 0.2653**.

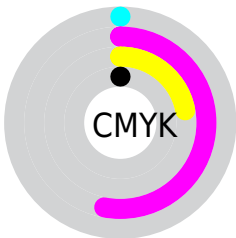
Distribution



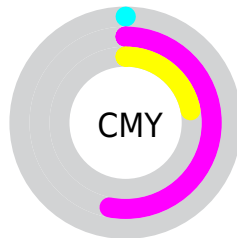
- Red (100%)
- Green (47%)
- Blue (78%)



- Red (100%)
- Yellow (47%)
- Blue (78%)



- Cyan (0%)
- Magenta (53%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0120, 0.3755, 0.2514 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 39.0120, 0.3755, 0.2514 by changing the saturation by 10% instead.


 39.0120, 0.3755,
0.2514


 39.0120, 0.3755,
0.2514


341.9415, 0.3446,
0.2887


 26.7691, 0.3830,
0.2426


 73.6567, 0.3644,
0.2646

 17.3999, 0.3926,
0.2315


 96.8272, 0.3602,
0.2696

 10.5200, 0.4052,
0.2174


 124.4090, 0.3566,
0.2740

 5.7451, 0.4223,
0.1986

156.7865, 0.3535,
0.2777

 2.6907, 0.4468,
0.1726

194.3441, 0.3508,
0.2810

 0.9725, 0.4846,
0.1352

237.4662, 0.3485,

 0.0000, 0.5956,

0.2839

0.0000

286.5372, 0.3464,
0.2864

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.0120, 0.3755,
0.2514

■ 39.0120, 0.3755,
0.2514

■ 33.1308, 0.3935,
0.2398

■ 46.5704, 0.3594,
0.2653

■ 28.7881, 0.4131,
0.2318

■ 55.9186, 0.3453,
0.2804

■ 25.8328, 0.4333,
0.2285

■ 67.1661, 0.3333,
0.2958

■ 24.0794, 0.4534,
0.2305

■ 80.4119, 0.3231,
0.3109

■ 23.3513, 0.4679,
0.2351

■ 95.7481, 0.3146,
0.3254

99.9983, 0.3127,
0.3290

Harmonies

Analogous

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



39.0120, 0.2828, 0.2123



39.0120, 0.3755, 0.2514



39.0120, 0.4576, 0.3064

Triad

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



39.0120, 0.3755, 0.2514



39.0120, 0.4038, 0.4857



39.0120, 0.1613, 0.2482

Complementary

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



39.0120, 0.3755, 0.2514



78.7936, 0.2792, 0.4258

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.



39.0120, 0.1834, 0.3286



39.0120, 0.3755, 0.2514



39.0120, 0.3205, 0.4933

Square

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



39.0120, 0.3755, 0.2514



39.0120, 0.4680, 0.4334



39.0120, 0.2396, 0.4294



39.0120, 0.1711, 0.2057

Rectangle

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



39.0120, 0.3755, 0.2514



39.0120, 0.4870, 0.3478



39.0120, 0.2396, 0.4294



39.0120, 0.1649, 0.2708

Sweetspot

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



39.0139, 0.3755, 0.2514



75.6070, 0.3264, 0.3057



30.2247, 0.2508, 0.1764



15.5949, 0.3285, 0.3026



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.



39.0139, 0.3755, 0.2514



32.9024, 0.3944, 0.2394



36.6065, 0.4541, 0.3181



18.1621, 0.3204, 0.3154



12.2330, 0.4649, 0.2335



1.2130, 0.4439, 0.2219

Inverse Universe

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



39.0139, 0.3755, 0.2514



32.9024, 0.3944, 0.2394



82.1011, 0.2496, 0.3418



18.1621, 0.3204, 0.3154



12.2330, 0.4649, 0.2335



1.2130, 0.4439, 0.2219

Previews

White Background



This preview shows how the Yxy color 39.0120, 0.3755, 0.2514 looks on a white background.

Color Contrast Check

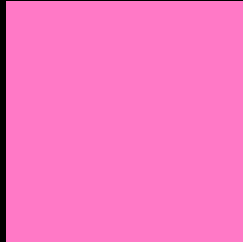
Large Text (above 18pt) WCAG AA × Fail

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 39.0120, 0.3755, 0.2514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

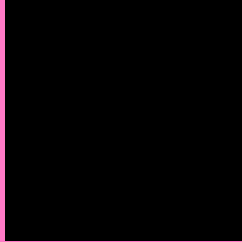
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0120, 0.3755, 0.2514

Background



This preview shows how black text looks on a background with the Yxy color 39.0120, 0.3755, 0.2514.



This preview shows how white text looks on a background with the Yxy color 39.0120, 0.3755, 0.2514.

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

39.0120, 0.3755, 0.2514

Protanopia

39.4696, 0.2526, 0.2462

Deuteranopia

39.3112, 0.2990, 0.2929



Tritanopia

39.0520, 0.4316, 0.3198

Trichromacy



Original Color

39.0120, 0.3755, 0.2514



Protanomaly

37.5660, 0.2893, 0.2453



Deuteranomaly

37.7714, 0.3242, 0.2723



Tritanomaly

39.0046, 0.4119, 0.2947

Monochromacy



Original Color

39.0120, 0.3755, 0.2514



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.1693, 0.3351, 0.2937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0120, 0.3755, 0.2514 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(255, 121, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 198)  
}
```

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(255, 121, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 198) }
```

Border

The CSS property to change the border of an element to Yxy 39.0120, 0.3755, 0.2514 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(255, 121, 198) }
```

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

```
.border{ border-color:rgb(255, 121, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0120, 0.3755, 0.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 198) }
```

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

```
.background{ background-color: rgb(255,  
121, 198) }
```

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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