

Converting Colors

$Y_{xy}(45.1470, 0.3772, 0.2468)$

Have a look what the booklet for
Yxy(45.1470, 0.3772, 0.2468)
contains.

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Color

Yxy(41.0367, 0.3574, 0.2411)

Conversions

Conversions Part 1

Format	Color
Hex	FF7ED6
RGB	255, 126, 214
RGB Percent	100%, 49%, 84%
CMY	0.0001, 0.5058, 0.1608
CMYK	0.00, 0.51, 0.16, 0.00
HSL	319°, 100%, 75%
HSV	319°, 51%, 100%
XYZ	60.8317, 41.0367, 68.3378
YIQ	174.6030, 48.6360, 54.7160

Conversions

Conversions Part 2

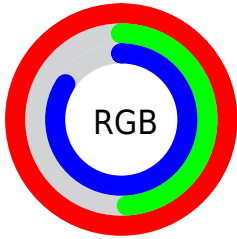
Format	Color
R _Y B	255, 126, 214
Decimal	16744150
CIE Lab	70.20, 59.33, -22.61
CIE LCh	70, 63.495, 339.137
Yxy	41.0367, 0.3574, 0.2411
Android (android.graphics.Color)	4294934230 (0xFFFF7ED6)
YUV	174.6030, 19.4227, 70.5082
Hunter-Lab	64.0599, 57.3999, -18.4074

Details

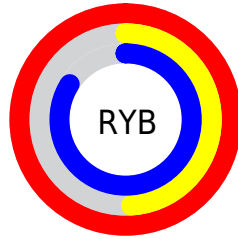
The Yxy color **41.0367, 0.3574, 0.2411** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **78.7303, 0.2866, 0.4396**, and the grayscale version is **42.5367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9359, 0.3161, 0.2575**, and **18.6193, 0.3690, 0.2201** is the 20% darker color. If you saturate the color by 10%, you get **34.9227, 0.3700, 0.2268**, and if you desaturate by 10%, it is **48.8366, 0.3459, 0.2576**.

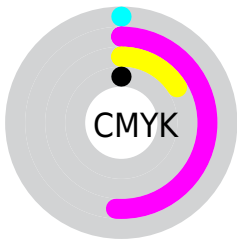
Distribution



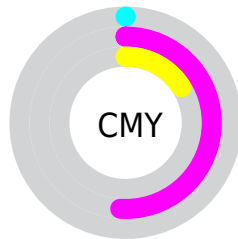
- Red (100%)
- Green (49%)
- Blue (84%)



- Red (100%)
- Yellow (49%)
- Blue (84%)



- Cyan (0%)
- Magenta (51%)
- Yellow (16%)
- Black (0%)




- Cyan (0%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0367, 0.3574, 0.2411 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 41.0367, 0.3574, 0.2411 by changing the saturation by 10% instead.


 41.0367, 0.3574,
0.2411


 41.0367, 0.3574,
0.2411


350.4740, 0.3363,
0.2824

 28.3478, 0.3623,
0.2316


 76.7396, 0.3500,
0.2555

 18.5880, 0.3683,
0.2199


 100.5224, 0.3472,
0.2611

 11.3729, 0.3760,
0.2051


 128.7718, 0.3447,
0.2659

 6.3183, 0.3861,
0.1858

161.8724, 0.3426,
0.2700

 3.0396, 0.3997,
0.1599

200.2086, 0.3407,
0.2737

 1.1524, 0.4189,
0.1242

244.1646, 0.3391,

 0.0223, 0.4793,

0.2769

0.0065

294.1249, 0.3376,
0.2798

■ 0.0000, 0.5107,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.0367, 0.3574,
0.2411

■ 41.0367, 0.3574,
0.2411

■ 34.9227, 0.3700,
0.2268

■ 48.8366, 0.3459,
0.2576

■ 30.3596, 0.3835,
0.2159

■ 58.4322, 0.3358,
0.2753

■ 27.2014, 0.3974,
0.2094

■ 69.9306, 0.3270,
0.2933

■ 25.2709, 0.4111,
0.2080

■ 83.4290, 0.3194,
0.3111

■ 24.3098, 0.4237,
0.2108

99.0179, 0.3130,
0.3281

99.9950, 0.3127,
0.3290

Harmonies

Analogous

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



41.0367, 0.2658, 0.2057



41.0367, 0.3574, 0.2411



41.0367, 0.4464, 0.2942

Triad

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



41.0367, 0.3574, 0.2411



41.0367, 0.4196, 0.4795



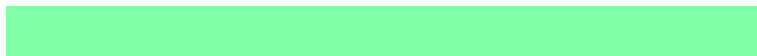
41.0367, 0.1612, 0.2598

Complementary

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



41.0367, 0.3574, 0.2411



78.7303, 0.2866, 0.4396

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.



41.0367, 0.1901, 0.3482



41.0367, 0.3574, 0.2411



41.0367, 0.3374, 0.4999

Square

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



41.0367, 0.3574, 0.2411



41.0367, 0.4786, 0.4218



41.0367, 0.2532, 0.4489



41.0367, 0.1650, 0.2096

Rectangle

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



41.0367, 0.3574, 0.2411



41.0367, 0.4836, 0.3352



41.0367, 0.2532, 0.4489



41.0367, 0.1670, 0.2853

Sweetspot

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



41.0387, 0.3574, 0.2411



77.2188, 0.3226, 0.3033



30.3467, 0.2436, 0.1785



15.9234, 0.3242, 0.2995



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.



41.0387, 0.3574, 0.2411



34.7052, 0.3706, 0.2263



38.3745, 0.4306, 0.3050



18.1964, 0.3187, 0.3129



12.7337, 0.4216, 0.2096



1.2597, 0.4072, 0.2017

Inverse Universe

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



41.0387, 0.3574, 0.2411



34.7052, 0.3706, 0.2263



81.7290, 0.2568, 0.3568



18.1964, 0.3187, 0.3129



12.7337, 0.4216, 0.2096



1.2597, 0.4072, 0.2017

Previews

White Background



This preview shows how the Yxy color 41.0367, 0.3574, 0.2411 looks on a white background.

Color Contrast Check

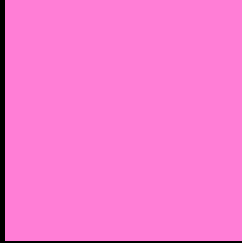
Large Text (above 18pt) WCAG AA × Fail

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 41.0367, 0.3574, 0.2411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

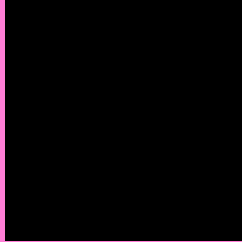
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0367, 0.3574, 0.2411

Background



This preview shows how black text looks on a background with the Yxy color 41.0367, 0.3574, 0.2411.



This preview shows how white text looks on a background with the Yxy color 41.0367, 0.3574, 0.2411.

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

41.0367, 0.3574, 0.2411

Protanopia

41.3257, 0.2428, 0.2331

Deuteranopia

41.1682, 0.2842, 0.2782



Tritanopia

40.9146, 0.4173, 0.3186

Trichromacy



Original Color

41.0367, 0.3574, 0.2411



Protanomaly

39.2878, 0.2766, 0.2325



Deuteranomaly

39.9922, 0.3085, 0.2604



Tritanomaly

40.8543, 0.3962, 0.2891

Monochromacy



Original Color

41.0367, 0.3574, 0.2411



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

40.6254, 0.3288, 0.2895

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0367, 0.3574, 0.2411 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, 126, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 214)  
}
```

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, 126, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 214) }
```

Border

The CSS property to change the border of an element to Yxy 41.0367, 0.3574, 0.2411 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, 126, 214) }
```

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

```
.border{ border-color:rgb(255, 126, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0367, 0.3574, 0.2411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 214) }
```

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

```
.background{ background-color: rgb(255,  
126, 214) }
```

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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