

Converting Colors

$Yxy(36.0683, 0.3747, 0.2368)$

Have a look what the booklet for
Yxy(36.0683, 0.3747, 0.2368)
contains.

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Color

Yxy(35.9924, 0.3747, 0.2364)

Conversions

Conversions Part 1

Format	Color
Hex	FF6BC9
RGB	255, 107, 201
RGB Percent	100%, 42%, 79%
CMY	0.0000, 0.5805, 0.2117
CMYK	0.00, 0.58, 0.21, 0.00
HSL	322°, 100%, 71%
HSV	322°, 58%, 100%
XYZ	57.0489, 35.9924, 59.2108
YIQ	161.9680, 58.0340, 60.6100

Conversions

Conversions Part 2

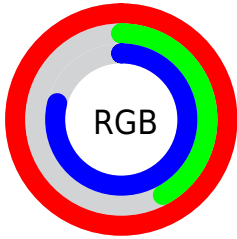
Format	Color
R _Y B	255, 107, 201
Decimal	16739273
CIE Lab	66.51, 66.10, -20.98
CIE LCh	67, 69.353, 342.391
Yxy	35.9924, 0.3747, 0.2364
Android (android.graphics.Color)	4294929353 (0xFFFF6BC9)
YUV	161.9680, 19.2428, 81.5891
Hunter-Lab	59.9937, 64.7494, -16.5208

Details

The Yxy color **35.9924, 0.3747, 0.2364** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **77.2164, 0.2813, 0.4502**, and the grayscale version is **35.9983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0309, 0.3169, 0.2403**, and **15.6627, 0.3910, 0.2130** is the 20% darker color. If you saturate the color by 10%, you get **31.0100, 0.3903, 0.2254**, and if you desaturate by 10%, it is **42.5623, 0.3603, 0.2504**.

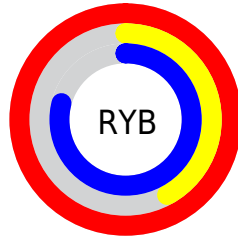
Distribution



Red (100%)

Green (42%)

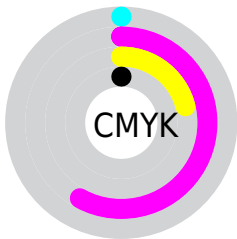
Blue (79%)



Red (100%)

Yellow (42%)

Blue (79%)

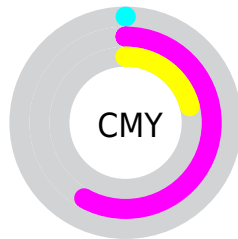


Cyan (0%)

Magenta (58%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (58%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9924, 0.3747, 0.2364 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 35.9924, 0.3747, 0.2364 by changing the saturation by 10% instead.


 35.9924, 0.3747,
0.2364


 35.9924, 0.3747,
0.2364


328.9273, 0.3444,
0.2807


 24.4283, 0.3820,
0.2260


 69.0203, 0.3639,
0.2520

 15.6517, 0.3912,
0.2131


 91.2530, 0.3598,
0.2580

 9.2780, 0.4032,
0.1967


 117.8106, 0.3563,
0.2631

 4.9230, 0.4193,
0.1751

 149.0776, 0.3532,
0.2676

 2.2021, 0.4419,
0.1459

185.4384, 0.3506,
0.2715

 0.7212, 0.4762,
0.1040

227.2774, 0.3483,

 0.0000, 0.5563,

0.2749

0.0000

274.9789, 0.3462,
0.2779

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.9924, 0.3747,
0.2364

■ 35.9924, 0.3747,
0.2364

■ 31.0100, 0.3903,
0.2254

■ 42.5623, 0.3603,
0.2504

■ 27.4813, 0.4068,
0.2186


■ 50.8543, 0.3474,
0.2663

■ 25.2349, 0.4234,
0.2168

■ 60.9783, 0.3361,
0.2831

■ 24.0421, 0.4395,
0.2202

■ 73.0374, 0.3265,
0.2999

 23.8689, 0.4426,
0.2212

 87.1272, 0.3183,
0.3164

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



35.9924, 0.2691, 0.1955



35.9924, 0.3747, 0.2364



35.9924, 0.4737, 0.2954

Triad

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



35.9924, 0.3747, 0.2364



35.9924, 0.4196, 0.5019



35.9924, 0.1436, 0.2410

Complementary

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



35.9924, 0.3747, 0.2364



77.2164, 0.2813, 0.4502

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.



35.9924, 0.1697, 0.3365



35.9924, 0.3747, 0.2364



35.9924, 0.3264, 0.5241

Square

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



35.9924, 0.3747, 0.2364



35.9924, 0.4917, 0.4356



35.9924, 0.2345, 0.4571



35.9924, 0.1519, 0.1918

Rectangle

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



35.9924, 0.3747, 0.2364



35.9924, 0.5106, 0.3401



35.9924, 0.2345, 0.4571



35.9924, 0.1482, 0.2675

Sweetspot

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



35.9894, 0.3747, 0.2364



74.4155, 0.3256, 0.3017



25.0806, 0.2346, 0.1566



15.3660, 0.3273, 0.2983



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.



35.9894, 0.3747, 0.2364



30.2116, 0.3935, 0.2237



33.3613, 0.4654, 0.3076



18.1814, 0.3194, 0.3140



12.5017, 0.4401, 0.2198



1.2383, 0.4228, 0.2103

Inverse Universe

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



35.9894, 0.3747, 0.2364



30.2116, 0.3935, 0.2237



80.5162, 0.2494, 0.3555



18.1814, 0.3194, 0.3140



12.5017, 0.4401, 0.2198



1.2383, 0.4228, 0.2103

Previews

White Background



This preview shows how the Yxy color 35.9924, 0.3747, 0.2364 looks on a white background.

Color Contrast Check

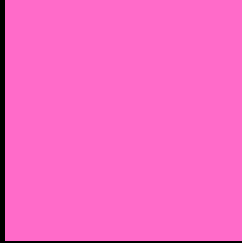
Large Text (above 18pt) WCAG AA × Fail

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 35.9924, 0.3747, 0.2364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

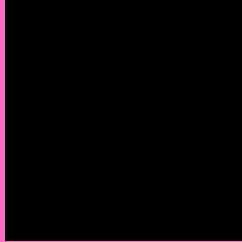
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9924, 0.3747, 0.2364

Background



This preview shows how black text looks on a background with the Yxy color 35.9924, 0.3747, 0.2364.



This preview shows how white text looks on a background with the Yxy color 35.9924, 0.3747, 0.2364.

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

35.9924, 0.3747, 0.2364

Protanopia

36.2384, 0.2356, 0.2240

Deuteranopia

36.0905, 0.2876, 0.2808



Tritanopia

35.7883, 0.4467, 0.3200

Trichromacy



Original Color

35.9924, 0.3747, 0.2364



Protanomaly

33.8309, 0.2747, 0.2228



Deuteranomaly

34.1865, 0.3161, 0.2575



Tritanomaly

35.6661, 0.4215, 0.2878

Monochromacy



Original Color

35.9924, 0.3747, 0.2364



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.2164, 0.3355, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9924, 0.3747, 0.2364 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, 107, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 201)  
}
```

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, 107, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 201) }
```

Border

The CSS property to change the border of an element to Yxy 35.9924, 0.3747, 0.2364 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, 107, 201) }
```

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

```
.border{ border-color:rgb(255, 107, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9924, 0.3747, 0.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 201) }
```

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

```
.background{ background-color: rgb(255,  
107, 201) }
```

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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