

Converting Colors

$Y_{xy}(43.7690, 0.3782, 0.2442)$

Have a look what the booklet for
Yxy(43.7690, 0.3782, 0.2442)
contains.

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Color

Yxy(39.7388, 0.3592, 0.2376)

Conversions

Conversions Part 1

Format	Color
Hex	FF79D5
RGB	255, 121, 213
RGB Percent	100%, 47%, 84%
CMY	0.0001, 0.5253, 0.1648
CMYK	0.00, 0.53, 0.16, 0.00
HSL	319°, 100%, 74%
HSV	319°, 53%, 100%
XYZ	60.0765, 39.7388, 67.4355
YIQ	171.5540, 50.3320, 57.0200

Conversions

Conversions Part 2

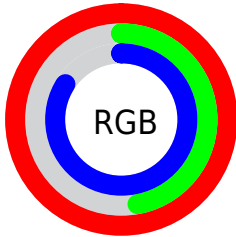
Format	Color
R _Y B	255, 121, 213
Decimal	16742869
CIE Lab	69.28, 61.50, -23.44
CIE LCh	69, 65.816, 339.136
Yxy	39.7388, 0.3592, 0.2376
Android (android.graphics.Color)	4294932949 (0xFFFF79D5)
YUV	171.5540, 20.4329, 73.1821
Hunter-Lab	63.0387, 59.7945, -19.2983

Details

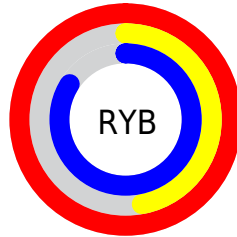
The Yxy color **39.7388, 0.3592, 0.2376** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **78.2146, 0.2862, 0.4455**, and the grayscale version is **40.8983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3208, 0.3163, 0.2536**, and **17.8712, 0.3715, 0.2158** is the 20% darker color. If you saturate the color by 10%, you get **33.9430, 0.3718, 0.2238**, and if you desaturate by 10%, it is **47.1958, 0.3477, 0.2539**.

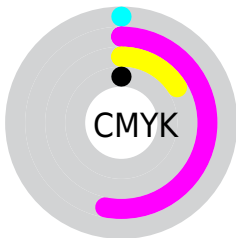
Distribution



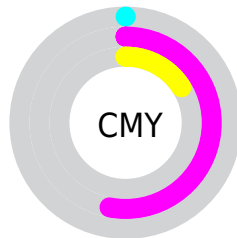
- Red (100%)
- Green (47%)
- Blue (84%)



- Red (100%)
- Yellow (47%)
- Blue (84%)



- Cyan (0%)
- Magenta (53%)
- Yellow (16%)
- Black (0%)




- Cyan (0%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7388, 0.3592, 0.2376 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 39.7388, 0.3592, 0.2376 by changing the saturation by 10% instead.

 39.7388, 0.3592,
0.2376


 39.7388, 0.3592,
0.2376


345.0214, 0.3372,
0.2806


 27.3349, 0.3643,
0.2277


 74.7656, 0.3515,
0.2526

 17.8249, 0.3706,
0.2155


 98.1573, 0.3485,
0.2584

 10.8244, 0.3786,
0.2001


 125.9805, 0.3460,
0.2634

 5.9489, 0.3891,
0.1800

158.6195, 0.3438,
0.2677

 2.8140, 0.4033,
0.1532

196.4587, 0.3418,
0.2715

 1.0354, 0.4232,
0.1163

239.8825, 0.3401,

 0.0000, 0.4833,

0.2749

0.0000

289.2752, 0.3386,
0.2779

■ 0.0000, 0.5185,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.7388, 0.3592,
0.2376

■ 39.7388, 0.3592,
0.2376

■ 33.9430, 0.3718,
0.2238

■ 47.1958, 0.3477,
0.2539

■ 29.6704, 0.3852,
0.2136


■ 56.4262, 0.3374,
0.2715


■ 26.7702, 0.3989,
0.2080

■ 67.5390, 0.3284,
0.2896

■ 25.0577, 0.4123,
0.2075

■ 80.6327, 0.3207,
0.3075

 24.3503, 0.4221,
0.2099

 95.7991, 0.3142,
0.3248

99.9945, 0.3127,
0.3290

Harmonies

Analogous

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



39.7388, 0.2635, 0.2011



39.7388, 0.3592, 0.2376



39.7388, 0.4527, 0.2923

Triad

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



39.7388, 0.3592, 0.2376



39.7388, 0.4230, 0.4852



39.7388, 0.1555, 0.2562

Complementary

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



39.7388, 0.3592, 0.2376



78.2146, 0.2862, 0.4455

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.



39.7388, 0.1849, 0.3487



39.7388, 0.3592, 0.2376



39.7388, 0.3373, 0.5086

Square

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



39.7388, 0.3592, 0.2376



39.7388, 0.4851, 0.4240



39.7388, 0.2500, 0.4555



39.7388, 0.1596, 0.2047

Rectangle

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



39.7388, 0.3592, 0.2376



39.7388, 0.4915, 0.3344



39.7388, 0.2500, 0.4555



39.7388, 0.1613, 0.2827

Sweetspot

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



39.7407, 0.3592, 0.2376



75.8776, 0.3233, 0.3013



28.5013, 0.2385, 0.1716



15.6595, 0.3248, 0.2977



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.



39.7407, 0.3592, 0.2376



33.7174, 0.3724, 0.2233



37.0706, 0.4350, 0.3020



18.1977, 0.3186, 0.3128



12.7551, 0.4200, 0.2088



1.2617, 0.4059, 0.2010

Inverse Universe

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



39.7407, 0.3592, 0.2376



33.7174, 0.3724, 0.2233



81.1807, 0.2563, 0.3608



18.1977, 0.3186, 0.3128



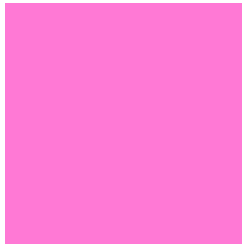
12.7551, 0.4200, 0.2088



1.2617, 0.4059, 0.2010

Previews

White Background



This preview shows how the Yxy color 39.7388, 0.3592, 0.2376 looks on a white background.

Color Contrast Check

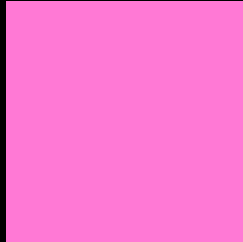
Large Text (above 18pt) WCAG AA × Fail

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 39.7388, 0.3592, 0.2376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

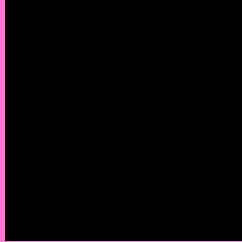
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7388, 0.3592, 0.2376

Background



This preview shows how black text looks on a background with the Yxy color 39.7388, 0.3592, 0.2376.

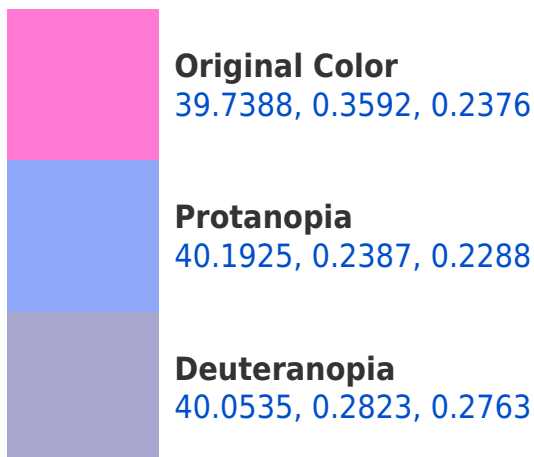


This preview shows how white text looks on a background with the Yxy color 39.7388, 0.3592, 0.2376.

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





Tritanopia

39.6401, 0.4236, 0.3186

Trichromacy



Original Color

39.7388, 0.3592, 0.2376



Protanomaly

38.0012, 0.2731, 0.2273



Deuteranomaly

38.6955, 0.3076, 0.2575



Tritanomaly

39.6441, 0.4009, 0.2882

Monochromacy



Original Color

39.7388, 0.3592, 0.2376



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

38.9269, 0.3293, 0.2866

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7388, 0.3592, 0.2376 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 213) }
```

Border

The CSS property to change the border of an element to Yxy 39.7388, 0.3592, 0.2376 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, 213) }
```

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

```
.border{ border-color:rgb(255, 121, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7388, 0.3592, 0.2376 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
121, 213) }
```

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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