

Converting Colors

$Yxy(39.1905, 0.4008, 0.2785)$

Have a look what the booklet for
Yxy(39.1905, 0.4008, 0.2785)
contains.

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Color

Yxy(39.2769, 0.4006, 0.2788)

Conversions

Conversions Part 1

Format	Color
Hex	FF7EAF
RGB	255, 126, 175
RGB Percent	100%, 49%, 69%
CMY	0.0000, 0.5058, 0.3137
CMYK	0.00, 0.51, 0.31, 0.00
HSL	337°, 100%, 75%
HSV	337°, 51%, 100%
XYZ	56.4359, 39.2769, 45.1656
YIQ	170.1570, 61.1550, 42.5870

Conversions

Conversions Part 2

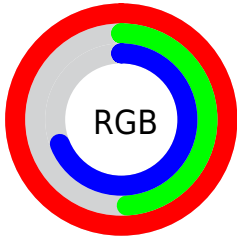
Format	Color
R_{YB}	255, 126, 175
Decimal	16744111
CIE _{Lab}	68.95, 54.08, -2.69
CIE _{LCh}	69, 54.148, 357.153
Yxy	39.2769, 0.4006, 0.2788
Android (android.graphics.Color)	4294934191 (0xFFFF7EAF)
YUV	170.1570, 2.3876, 74.4073
Hunter-Lab	62.6713, 51.0656, 1.1411

Details

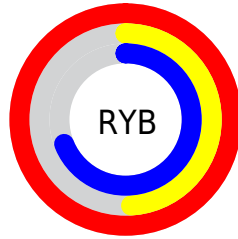
The Yxy color **39.2769, 0.4006, 0.2788** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.4060, 0.2683, 0.3886**, and the grayscale version is **40.2483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4291, 0.3354, 0.2805**, and **17.5386, 0.4261, 0.2637** is the 20% darker color. If you saturate the color by 10%, you get **32.9815, 0.4286, 0.2712**, and if you desaturate by 10%, it is **47.3106, 0.3763, 0.2882**.

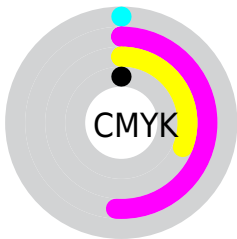
Distribution



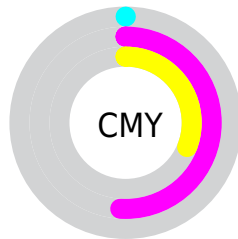
- Red (100%)
- Green (49%)
- Blue (69%)



- Red (100%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (51%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2769, 0.4006, 0.2788 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 39.2769, 0.4006, 0.2788 by changing the saturation by 10% instead.

 39.2769, 0.4006,
0.2788


 39.2769, 0.4006,
0.2788


343.0663, 0.3558,
0.3041


 26.9752, 0.4120,
0.2724


 74.0611, 0.3842,
0.2880

 17.5546, 0.4267,
0.2643


 97.3125, 0.3780,
0.2915

 10.6307, 0.4464,
0.2534


 124.9825, 0.3729,
0.2944

 5.8191, 0.4741,
0.2384

157.4555, 0.3685,
0.2969

 2.7354, 0.5156,
0.2161

195.1161, 0.3647,
0.2991

 0.9952, 0.5832,
0.1808

238.3484, 0.3613,

 0.0000, 0.9536,

0.3010

0.0000

287.5371, 0.3584,
0.3026

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

39.2769, 0.4006,
0.2788

39.2769, 0.4006,
0.2788

32.9815, 0.4286,
0.2712

47.3106, 0.3763,
0.2882

28.2871, 0.4596,
0.2667

57.1944, 0.3558,
0.2985

25.0452, 0.4921,
0.2666

69.0375, 0.3388,
0.3089

23.0763, 0.5237,
0.2718

82.9391, 0.3248,
0.3190

■ 22.1182, 0.5509,
0.2808

98.9913, 0.3133,
0.3285

99.9979, 0.3127,
0.3290

Harmonies

Analogous

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



39.2769, 0.3189, 0.2362



39.2769, 0.4006, 0.2788



39.2769, 0.4587, 0.3330

Triad

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



39.2769, 0.4006, 0.2788



39.2769, 0.3671, 0.4762



39.2769, 0.1765, 0.2386

Complementary

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



39.2769, 0.4006, 0.2788



80.4060, 0.2683, 0.3886

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.



39.2769, 0.1852, 0.2976



39.2769, 0.4006, 0.2788



39.2769, 0.2909, 0.4556

Square

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



39.2769, 0.4006, 0.2788



39.2769, 0.4328, 0.4455



39.2769, 0.2247, 0.3819



39.2769, 0.1968, 0.2117

Rectangle

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



39.2769, 0.4006, 0.2788



39.2769, 0.4712, 0.3719



39.2769, 0.2247, 0.3819



39.2769, 0.1761, 0.2546

Sweetspot

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



39.2789, 0.4006, 0.2788



76.5422, 0.3306, 0.3146



35.2023, 0.2752, 0.1905



15.7605, 0.3336, 0.3124



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.



39.2789, 0.4006, 0.2788



32.7562, 0.4298, 0.2710



41.8328, 0.4496, 0.3448



18.1012, 0.3234, 0.3200



11.5851, 0.5466, 0.2785



1.1485, 0.5158, 0.2615

Inverse Universe

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



39.2789, 0.4006, 0.2788



32.7562, 0.4298, 0.2710



73.9421, 0.2433, 0.3113



18.1012, 0.3234, 0.3200



11.5851, 0.5466, 0.2785



1.1485, 0.5158, 0.2615

Previews

White Background



This preview shows how the Yxy color 39.2769, 0.4006, 0.2788 looks on a white background.

Color Contrast Check

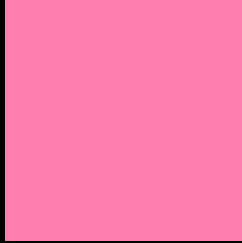
Large Text (above 18pt) WCAG AA × Fail

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 39.2769, 0.4006, 0.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

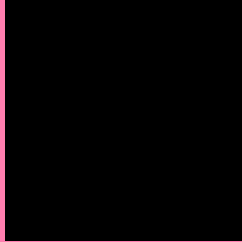
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2769, 0.4006, 0.2788

Background



This preview shows how black text looks on a background with the Yxy color 39.2769, 0.4006, 0.2788.



This preview shows how white text looks on a background with the Yxy color 39.2769, 0.4006, 0.2788.

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

39.2769, 0.4006, 0.2788

Protanopia

39.5359, 0.2812, 0.2832

Deuteranopia

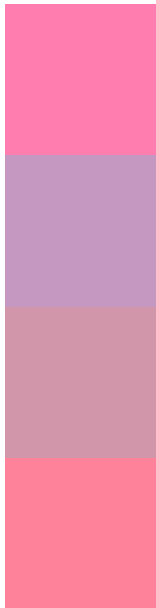
39.3732, 0.3283, 0.3210



Tritanopia

39.1510, 0.4340, 0.3189

Trichromacy



Original Color

39.2769, 0.4006, 0.2788

Protanomaly

37.9980, 0.3189, 0.2785

Deuteranomaly

38.4546, 0.3534, 0.3031

Tritanomaly

39.1810, 0.4218, 0.3043

Monochromacy



Original Color

39.2769, 0.4006, 0.2788

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.5073, 0.3426, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2769, 0.4006, 0.2788 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 175) }
```

Border

The CSS property to change the border of an element to Yxy 39.2769, 0.4006, 0.2788 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, 175) }
```

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

```
.border{ border-color:rgb(255, 126, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2769, 0.4006, 0.2788 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
126, 175) }
```

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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