

Converting Colors

Yxy(39.4278, 0.3961, 0.2932)

Have a look what the booklet for
Yxy(39.4278, 0.3961, 0.2932)
contains.

Yxy(39.5676, 0.3960, 0.2935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.5676, 0.3960, 0.2935)

Conversions

Conversions Part 1

Format	Color
Hex	F587A8
RGB	245, 135, 168
RGB Percent	96%, 53%, 66%
CMY	0.0392, 0.4705, 0.3413
CMYK	0.00, 0.45, 0.31, 0.04
HSL	342°, 85%, 75%
HSV	342°, 45%, 96%
XYZ	53.3859, 39.5676, 41.8594
YIQ	171.6520, 54.9670, 33.5830

Conversions

Conversions Part 2

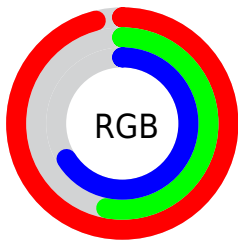
Format	Color
R_{YB}	245, 135, 168
Decimal	16091048
CIE Lab	69.16, 45.47, 1.40
CIE LCh	69, 45.491, 1.767
Yxy	39.5676, 0.3960, 0.2935
Android (android.graphics.Color)	4294281128 (0xFFFF587A8)
YUV	171.6520, -1.8004, 64.3262
Hunter-Lab	62.9028, 41.4140, 4.5767

Details

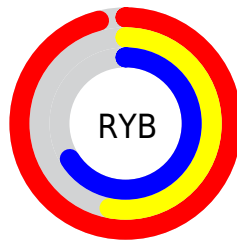
The Yxy color **39.5676, 0.3960, 0.2935** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **75.2102, 0.2677, 0.3692**, and the grayscale version is **41.0596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4146, 0.3401, 0.2955**, and **17.7346, 0.4213, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **32.9033, 0.4258, 0.2868**, and if you desaturate by 10%, it is **47.8930, 0.3707, 0.3014**.

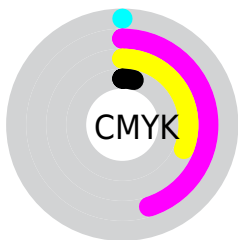
Distribution



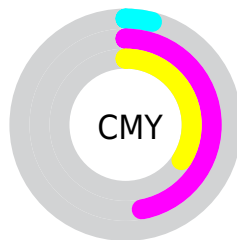
- Red (96%)
- Green (53%)
- Blue (66%)



- Red (96%)
- Yellow (53%)
- Blue (66%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (4%)




- Cyan (4%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5676, 0.3960, 0.2935 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 39.5676, 0.3960, 0.2935 by changing the saturation by 10% instead.

 39.5676, 0.3960,
0.2935

 39.5676, 0.3960,
0.2935


344.2977, 0.3533,
0.3119


 27.2016, 0.4070,
0.2887


 74.5046, 0.3802,
0.3003

 17.7247, 0.4212,
0.2825


 97.8444, 0.3744,
0.3028

 10.7525, 0.4404,
0.2741


 125.6109, 0.3695,
0.3049

 5.9007, 0.4677,
0.2621

158.1885, 0.3653,
0.3067

 2.7848, 0.5089,
0.2437

195.9615, 0.3617,
0.3083

 1.0204, 0.5777,
0.2126

239.3145, 0.3585,


 0.0000, 1.0000,

0.3096


0.0000


288.6318, 0.3557,
0.3108


 0.0000, 0.0000,
0.0000

 39.5676, 0.3960,
0.2935

 39.5676, 0.3960,
0.2935


 32.9033, 0.4258,
0.2868

 47.8930, 0.3707,
0.3014


 27.7815, 0.4597,
0.2822


 57.9756, 0.3497,
0.3096


 24.0774, 0.4963,
0.2810

 69.9112, 0.3326,
0.3177

 21.6437, 0.5329,
0.2842

 83.7870, 0.3186,
0.3254

 20.2999, 0.5659,
0.2921

 98.0724, 0.3073,
0.3302

■ 19.8990, 0.5807,
0.2972

■ 98.1521, 0.3066,
0.3290

Harmonies

Analogous

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



39.5676, 0.3293, 0.2539



39.5676, 0.3960, 0.2935



39.5676, 0.4393, 0.3422

Triad

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



39.5676, 0.3960, 0.2935



39.5676, 0.3510, 0.4522



39.5676, 0.1963, 0.2476

Complementary

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



39.5676, 0.3960, 0.2935



75.2102, 0.2677, 0.3692

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.



39.5676, 0.2005, 0.2947



39.5676, 0.3960, 0.2935



39.5676, 0.2861, 0.4258

Square

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



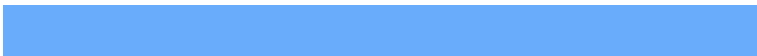
39.5676, 0.3960, 0.2935



39.5676, 0.4089, 0.4352



39.5676, 0.2316, 0.3624



39.5676, 0.2181, 0.2269

Rectangle

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



39.5676, 0.3960, 0.2935



39.5676, 0.4463, 0.3762



39.5676, 0.2316, 0.3624



39.5676, 0.1948, 0.2603

Sweetspot

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



39.5696, 0.3960, 0.2935



79.2370, 0.3297, 0.3192



37.9208, 0.2887, 0.2093



16.2839, 0.3331, 0.3174



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.



39.5696, 0.3960, 0.2935



36.5411, 0.4233, 0.2872



45.2785, 0.4220, 0.3532



16.5643, 0.3246, 0.3219



10.7415, 0.5765, 0.2949



0.9615, 0.5411, 0.2754

Inverse Universe

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



39.5696, 0.3960, 0.2935



36.5411, 0.4233, 0.2872



64.5199, 0.2477, 0.3023



16.5643, 0.3246, 0.3219



10.7415, 0.5765, 0.2949



0.9615, 0.5411, 0.2754

Previews

White Background



This preview shows how the Yxy color 39.5676, 0.3960, 0.2935 looks on a white background.

Color Contrast Check

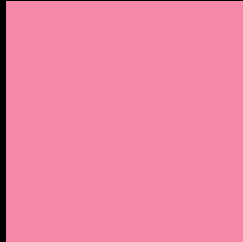
Large Text (above 18pt) WCAG AA × Fail

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 39.5676, 0.3960, 0.2935 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 39.5676, 0.3960, 0.2935

Background



This preview shows how black text looks on a background with the Yxy color 39.5676, 0.3960, 0.2935.



This preview shows how white text looks on a background with the Yxy color 39.5676, 0.3960, 0.2935.

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

39.5676, 0.3960, 0.2935

Protanopia

39.8516, 0.2954, 0.3017

Deuteranopia

39.8866, 0.3365, 0.3304



Tritanopia

39.4016, 0.4144, 0.3172

Trichromacy



Original Color

39.5676, 0.3960, 0.2935



Protanomaly

38.7152, 0.3278, 0.2969



Deuteranomaly

39.0544, 0.3578, 0.3141



Tritanomaly

39.5247, 0.4079, 0.3085

Monochromacy



Original Color

39.5676, 0.3960, 0.2935



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.8787, 0.3406, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5676, 0.3960, 0.2935 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(245, 135, 168)` looks like.

```
.text, #text, p{  
    color:rgb(245, 135, 168)  
}
```

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(245, 135, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 135, 168) }
```

Border

The CSS property to change the border of an element to Yxy 39.5676, 0.3960, 0.2935 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(245, 135, 168) }
```

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

```
.border{ border-color:rgb(245, 135, 168) }
```

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

Here you see how a box with a 4 pixel rgb(245, 135, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 135, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 135, 168);  
box-shadow:4px 4px 4px 4px rgb(245, 135,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5676, 0.3960, 0.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 135, 168) }
```

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

```
.background{ background-color: rgb(245,  
135, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor