

Converting Colors

$Yxy(39.8345, 0.3655, 0.2674)$

Have a look what the booklet for
Yxy(39.8345, 0.3655, 0.2674)
contains.

Yxy(39.8345, 0.3655, 0.2674)	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(39.8345, 0.3655, 0.2674)

Conversions

Conversions Part 1

Format	Color
Hex	F187C0
RGB	241, 135, 192
RGB Percent	95%, 53%, 75%
CMY	0.0550, 0.4705, 0.2471
CMYK	0.00, 0.44, 0.20, 0.05
HSL	328°, 79%, 74%
HSV	328°, 44%, 95%
XYZ	54.4484, 39.8345, 54.6868
YIQ	173.1920, 44.8790, 40.1990

Conversions

Conversions Part 2

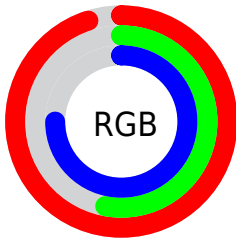
Format	Color
R _Y B	241, 135, 192
Decimal	15828928
CIE Lab	69.35, 47.36, -11.82
CIE LCh	69, 48.817, 345.987
Yxy	39.8345, 0.3655, 0.2674
Android (android.graphics.Color)	4294019008 (0xFFFF187C0)
YUV	173.1920, 9.2723, 59.4676
Hunter-Lab	63.1146, 43.5400, -7.1927

Details

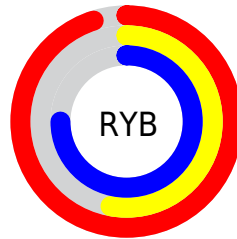
The Yxy color **39.8345, 0.3655, 0.2674** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **71.5117, 0.2813, 0.4015**, and the grayscale version is **41.8290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8642, 0.3208, 0.2717**, and **17.9659, 0.3798, 0.2508** is the 20% darker color. If you saturate the color by 10%, you get **33.3794, 0.3835, 0.2546**, and if you desaturate by 10%, it is **47.8524, 0.3499, 0.2814**.

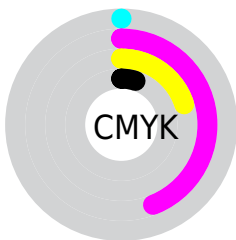
Distribution



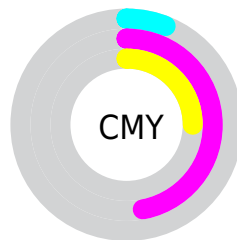
- Red (95%)
- Green (53%)
- Blue (75%)



- Red (95%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (44%)
- Yellow (20%)
- Black (5%)




- Cyan (6%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8345, 0.3655, 0.2674 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 39.8345, 0.3655, 0.2674 by changing the saturation by 10% instead.


 39.8345, 0.3655,
0.2674


 39.8345, 0.3655,
0.2674


345.4255, 0.3392,
0.2974


 27.4095, 0.3720,
0.2602


 74.9114, 0.3560,
0.2781

 17.8810, 0.3803,
0.2510


 98.3322, 0.3524,
0.2822

 10.8646, 0.3913,
0.2391


 126.1870, 0.3494,
0.2857

 5.9759, 0.4065,
0.2230

158.8602, 0.3468,
0.2887

 2.8304, 0.4287,
0.2002

196.7363, 0.3445,
0.2913

 1.0438, 0.4641,
0.1658

240.1996, 0.3425,

 0.0000, 0.5979,

0.2936

0.0000

289.6346, 0.3408,
0.2956

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.8345, 0.3655,
0.2674

■ 39.8345, 0.3655,
0.2674

■ 33.3794, 0.3835,
0.2546

■ 47.8524, 0.3499,
0.2814

■ 28.3768, 0.4037,
0.2443


■ 57.5225, 0.3365,
0.2959

■ 24.7105, 0.4255,
0.2376

■ 68.9341, 0.3253,
0.3101

■ 22.2443, 0.4480,
0.2357

■ 82.1684, 0.3160,
0.3238

 20.8118, 0.4702,
0.2393

 96.9756, 0.3082,
0.3361

 20.2977, 0.4832,
0.2436

 97.4371, 0.3041,
0.3290

Harmonies

Analogous

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



39.8345, 0.2920, 0.2338



39.8345, 0.3655, 0.2674



39.8345, 0.4286, 0.3145

Triad

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



39.8345, 0.3655, 0.2674



39.8345, 0.3874, 0.4558



39.8345, 0.1881, 0.2646

Complementary

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



39.8345, 0.3655, 0.2674



71.5117, 0.2813, 0.4015

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.



39.8345, 0.2072, 0.3282



39.8345, 0.3655, 0.2674



39.8345, 0.3198, 0.4546

Square

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



39.8345, 0.3655, 0.2674



39.8345, 0.4383, 0.4194



39.8345, 0.2539, 0.4039



39.8345, 0.1969, 0.2285

Rectangle

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



39.8345, 0.3655, 0.2674



39.8345, 0.4515, 0.3498



39.8345, 0.2539, 0.4039



39.8345, 0.1913, 0.2830

Sweetspot

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



39.8364, 0.3655, 0.2674



79.6949, 0.3244, 0.3114



33.7140, 0.2665, 0.2042



16.3964, 0.3266, 0.3083



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.



39.8364, 0.3655, 0.2674



38.4860, 0.3820, 0.2556



37.9336, 0.4238, 0.3235



15.9010, 0.3209, 0.3164



11.0367, 0.4799, 0.2417



0.9382, 0.4532, 0.2270

Inverse Universe

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



39.8364, 0.3655, 0.2674



38.4860, 0.3820, 0.2556



74.0886, 0.2558, 0.3351



15.9010, 0.3209, 0.3164



11.0367, 0.4799, 0.2417



0.9382, 0.4532, 0.2270

Previews

White Background



This preview shows how the Yxy color 39.8345, 0.3655, 0.2674 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 39.8345, 0.3655, 0.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

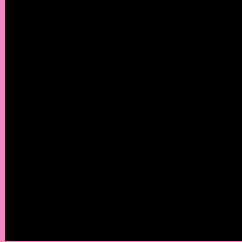
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8345, 0.3655, 0.2674

Background



This preview shows how black text looks on a background with the Yxy color 39.8345, 0.3655, 0.2674.



This preview shows how white text looks on a background with the Yxy color 39.8345, 0.3655, 0.2674.

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

39.8345, 0.3655, 0.2674

Protanopia

40.1294, 0.2690, 0.2682

Deuteranopia

39.9631, 0.3059, 0.2997



Tritanopia

39.9494, 0.4019, 0.3180

Trichromacy



Original Color

39.8345, 0.3655, 0.2674



Protanomaly

38.9245, 0.2992, 0.2661



Deuteranomaly

39.2028, 0.3263, 0.2854



Tritanomaly

39.7233, 0.3885, 0.2990

Monochromacy



Original Color

39.8345, 0.3655, 0.2674



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.0973, 0.3312, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8345, 0.3655, 0.2674 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(241, 135, 192)` looks like.

```
.text, #text, p{  
    color:rgb(241, 135, 192)  
}
```

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(241, 135, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 135, 192) }
```

Border

The CSS property to change the border of an element to Yxy 39.8345, 0.3655, 0.2674 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(241, 135, 192) }
```

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

```
.border{ border-color:rgb(241, 135, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 135, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 135, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 135, 192);  
box-shadow:4px 4px 4px 4px rgb(241, 135,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8345, 0.3655, 0.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 135, 192) }
```

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

```
.background{ background-color: rgb(241,  
135, 192) }
```

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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