

Converting Colors

$Y_{xy}(38.8133, 0.3710, 0.2679)$

Have a look what the booklet for
Yxy(38.8133, 0.3710, 0.2679)
contains.

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Color

Yxy(39.0106, 0.3715, 0.2686)

Conversions

Conversions Part 1

Format	Color
Hex	F284BC
RGB	242, 132, 188
RGB Percent	95%, 52%, 74%
CMY	0.0509, 0.4824, 0.2627
CMYK	0.00, 0.45, 0.22, 0.05
HSL	329°, 81%, 73%
HSV	329°, 45%, 95%
XYZ	53.9555, 39.0106, 52.2707
YIQ	171.2740, 47.5840, 40.7360

Conversions

Conversions Part 2

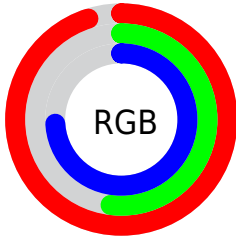
Format	Color
R_{YB}	242, 132, 188
Decimal	15893692
CIE _{Lab}	68.76, 48.66, -10.47
CIE _{LCh}	69, 49.774, 347.863
Yxy	39.0106, 0.3715, 0.2686
Android (android.graphics.Color)	4294083772 (0xFFFF284BC)
YUV	171.2740, 8.2459, 62.0267
Hunter-Lab	62.4585, 44.8970, -5.8981

Details

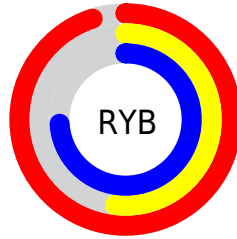
The Yxy color **39.0106, 0.3715, 0.2686** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **71.9727, 0.2788, 0.4003**, and the grayscale version is **40.8094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3323, 0.3240, 0.2724**, and **17.5316, 0.3884, 0.2528** is the 20% darker color. If you saturate the color by 10%, you get **32.7017, 0.3912, 0.2568**, and if you desaturate by 10%, it is **46.8878, 0.3544, 0.2818**.

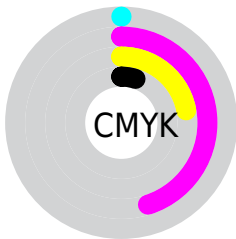
Distribution



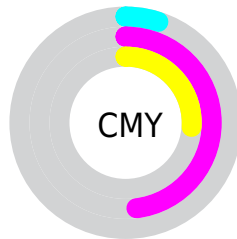
- Red (95%)
- Green (52%)
- Blue (74%)



- Red (95%)
- Yellow (52%)
- Blue (74%)



- Cyan (0%)
- Magenta (45%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (48%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0106, 0.3715, 0.2686 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 39.0106, 0.3715, 0.2686 by changing the saturation by 10% instead.


 39.0106, 0.3715,
0.2686


 39.0106, 0.3715,
0.2686


341.9356, 0.3420,
0.2982


 26.7680, 0.3789,
0.2614


 73.6545, 0.3608,
0.2792

 17.3990, 0.3883,
0.2523


 96.8246, 0.3568,
0.2833

 10.5194, 0.4009,
0.2404


 124.4059, 0.3534,
0.2867

 5.7447, 0.4184,
0.2242

156.7829, 0.3504,
0.2896

 2.6905, 0.4442,
0.2010

194.3400, 0.3479,
0.2922

 0.9723, 0.4860,
0.1657

237.4615, 0.3457,

 0.0000, 0.6490,

0.2945

0.0000

286.5319, 0.3438,
0.2965

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.0106, 0.3715,
0.2686

■ 39.0106, 0.3715,
0.2686

■ 32.7017, 0.3912,
0.2568

■ 46.8878, 0.3544,
0.2818

■ 27.8477, 0.4132,
0.2475

■ 56.4253, 0.3399,
0.2955

■ 24.3287, 0.4370,
0.2421

■ 67.7143, 0.3276,
0.3091

■ 22.0031, 0.4614,
0.2417

■ 80.8381, 0.3175,
0.3222

■ 20.6962, 0.4851,
0.2468

■ 95.8743, 0.3091,
0.3345

■ 20.3187, 0.4956,
0.2504

■ 97.6229, 0.3048,
0.3290

Harmonies

Analogous

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



39.0106, 0.2959, 0.2332



39.0106, 0.3715, 0.2686



39.0106, 0.4347, 0.3172

Triad

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



39.0106, 0.3715, 0.2686



39.0106, 0.3849, 0.4603



39.0106, 0.1850, 0.2596

Complementary

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



39.0106, 0.3715, 0.2686



71.9727, 0.2788, 0.4003

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.



39.0106, 0.2025, 0.3232



39.0106, 0.3715, 0.2686



39.0106, 0.3152, 0.4565

Square

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



39.0106, 0.3715, 0.2686



39.0106, 0.4388, 0.4242



39.0106, 0.2486, 0.4016



39.0106, 0.1958, 0.2247

Rectangle

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



39.0106, 0.3715, 0.2686



39.0106, 0.4563, 0.3533



39.0106, 0.2486, 0.4016



39.0106, 0.1877, 0.2778

Sweetspot

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



39.0125, 0.3715, 0.2686



78.2220, 0.3261, 0.3110



33.2468, 0.2676, 0.2007



16.1036, 0.3285, 0.3081



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.



39.0125, 0.3715, 0.2686



37.0164, 0.3905, 0.2571



37.0972, 0.4339, 0.3274



15.8932, 0.3213, 0.3170



10.9399, 0.4920, 0.2484



0.9302, 0.4633, 0.2326

Inverse Universe

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



39.0125, 0.3715, 0.2686



37.0164, 0.3905, 0.2571



74.7305, 0.2526, 0.3310



15.8932, 0.3213, 0.3170



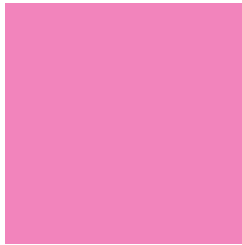
10.9399, 0.4920, 0.2484



0.9302, 0.4633, 0.2326

Previews

White Background



This preview shows how the Yxy color 39.0106, 0.3715, 0.2686 looks on a white background.

Color Contrast Check

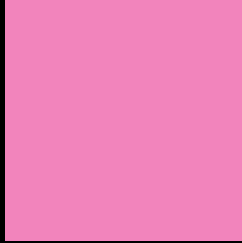
Large Text (above 18pt) WCAG AA × Fail

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 39.0106, 0.3715, 0.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

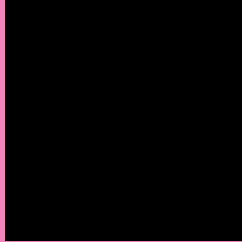
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0106, 0.3715, 0.2686

Background



This preview shows how black text looks on a background with the Yxy color 39.0106, 0.3715, 0.2686.



This preview shows how white text looks on a background with the Yxy color 39.0106, 0.3715, 0.2686.

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

39.0106, 0.3715, 0.2686

Protanopia

39.1437, 0.2700, 0.2689

Deuteranopia

39.0783, 0.3094, 0.3022



Tritanopia

38.8444, 0.4079, 0.3169

Trichromacy



Original Color

39.0106, 0.3715, 0.2686



Protanomaly

38.1144, 0.3017, 0.2670



Deuteranomaly

38.3768, 0.3303, 0.2876



Tritanomaly

38.6394, 0.3942, 0.2981

Monochromacy



Original Color

39.0106, 0.3715, 0.2686



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

39.1586, 0.3333, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0106, 0.3715, 0.2686 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(242, 132, 188)` looks like.

```
.text, #text, p{  
    color:rgb(242, 132, 188)  
}
```

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(242, 132, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 132, 188) }
```

Border

The CSS property to change the border of an element to Yxy 39.0106, 0.3715, 0.2686 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(242, 132, 188) }
```

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

```
.border{ border-color:rgb(242, 132, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 132, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 132, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 132, 188);  
box-shadow:4px 4px 4px 4px rgb(242, 132,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0106, 0.3715, 0.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 132, 188) }
```

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

```
.background{ background-color: rgb(242,  
132, 188) }
```

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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