

Converting Colors

$Y_{xy}(39.0198, 0.3793, 0.2688)$

Have a look what the booklet for
Yxy(39.0198, 0.3793, 0.2688)
contains.

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Color

Yxy(39.0198, 0.3793, 0.2688)

Conversions

Conversions Part 1

Format	Color
Hex	F781BA
RGB	247, 129, 186
RGB Percent	97%, 51%, 73%
CMY	0.0315, 0.4940, 0.2706
CMYK	0.00, 0.48, 0.25, 0.03
HSL	331°, 88%, 74%
HSV	331°, 48%, 97%
XYZ	55.0603, 39.0198, 51.0828
YIQ	170.7800, 52.0310, 42.7430

Conversions

Conversions Part 2

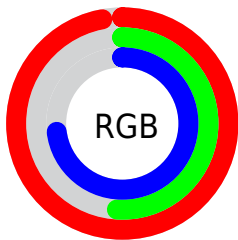
Format	Color
R_{YB}	247, 129, 186
Decimal	16220602
CIE Lab	68.77, 51.44, -9.26
CIE LCh	69, 52.266, 349.797
Yxy	39.0198, 0.3793, 0.2688
Android (android.graphics.Color)	4294410682 (0xFFFF781BA)
YUV	170.7800, 7.5035, 66.8449
Hunter-Lab	62.4658, 48.0230, -4.7597

Details

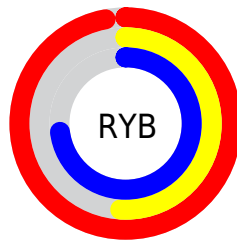
The Yxy color **39.0198, 0.3793, 0.2688** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.8847, 0.2760, 0.4006**, and the grayscale version is **40.5543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3687, 0.3257, 0.2722**, and **17.4170, 0.3983, 0.2524** is the 20% darker color. If you saturate the color by 10%, you get **32.7620, 0.4009, 0.2581**, and if you desaturate by 10%, it is **46.9020, 0.3605, 0.2812**.

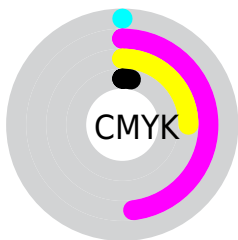
Distribution



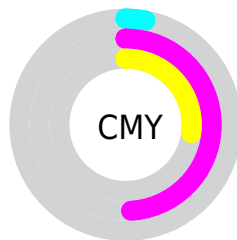
- Red (97%)
- Green (51%)
- Blue (73%)



- Red (97%)
- Yellow (51%)
- Blue (73%)



- Cyan (0%)
- Magenta (48%)
- Yellow (25%)
- Black (3%)





- Cyan (3%)
- Magenta (49%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0198, 0.3793, 0.2688 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 39.0198, 0.3793, 0.2688 by changing the saturation by 10% instead.


 39.0198, 0.3793,
0.2688


 39.0198, 0.3793,
0.2688


341.9747, 0.3458,
0.2984


 26.7751, 0.3877,
0.2616


 73.6686, 0.3671,
0.2794

 17.4044, 0.3985,
0.2524


 96.8415, 0.3625,
0.2835

 10.5232, 0.4129,
0.2405


 124.4259, 0.3586,
0.2869

 5.7472, 0.4329,
0.2242

156.8062, 0.3553,
0.2898

 2.6920, 0.4627,
0.2008

194.3669, 0.3525,
0.2924

 0.9731, 0.5108,
0.1652

237.4922, 0.3500,

 0.0000, 0.6992,

0.2946

0.0000

286.5667, 0.3478,
0.2966

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

39.0198, 0.3793,
0.2688

39.0198, 0.3793,
0.2688

32.7620, 0.4009,
0.2581

46.9020, 0.3605,
0.2812

28.0065, 0.4249,
0.2502

56.5077, 0.3445,
0.2942

24.6229, 0.4506,
0.2464

67.9349, 0.3311,
0.3072

22.4556, 0.4767,
0.2479

81.2723, 0.3200,
0.3197

■ 21.2968, 0.5016,
0.2548

■ 96.6031, 0.3108,
0.3316

■ 21.1060, 0.5071,
0.2567

■ 98.5070, 0.3078,
0.3290

Harmonies

Analogous

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



39.0198, 0.2998, 0.2311



39.0198, 0.3793, 0.2688



39.0198, 0.4439, 0.3198

Triad

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



39.0198, 0.3793, 0.2688



39.0198, 0.3832, 0.4680



39.0198, 0.1796, 0.2527

Complementary

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



39.0198, 0.3793, 0.2688



74.8847, 0.2760, 0.4006

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.



39.0198, 0.1955, 0.3174



39.0198, 0.3793, 0.2688



39.0198, 0.3100, 0.4614

Square

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



39.0198, 0.3793, 0.2688



39.0198, 0.4415, 0.4309



39.0198, 0.2414, 0.4004



39.0198, 0.1925, 0.2188

Rectangle

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



39.0198, 0.3793, 0.2688



39.0198, 0.4643, 0.3573



39.0198, 0.2414, 0.4004



39.0198, 0.1816, 0.2709

Sweetspot

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



39.0217, 0.3793, 0.2688



78.1676, 0.3267, 0.3119



33.3650, 0.2679, 0.1949



16.0904, 0.3292, 0.3092



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.



39.0217, 0.3793, 0.2688



35.6261, 0.3994, 0.2587



37.5855, 0.4447, 0.3315



16.6159, 0.3218, 0.3176



11.1947, 0.5032, 0.2546



1.0046, 0.4743, 0.2387

Inverse Universe

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



39.0217, 0.3793, 0.2688



35.6261, 0.3994, 0.2587



76.6846, 0.2491, 0.3265



16.6159, 0.3218, 0.3176



11.1947, 0.5032, 0.2546



1.0046, 0.4743, 0.2387

Previews

White Background



This preview shows how the Yxy color 39.0198, 0.3793, 0.2688 looks on a white background.

Color Contrast Check

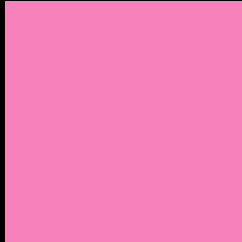
Large Text (above 18pt) WCAG AA × Fail

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 39.0198, 0.3793, 0.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

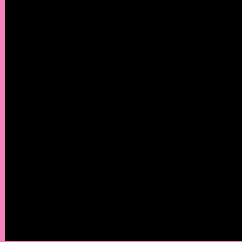
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0198, 0.3793, 0.2688

Background



This preview shows how black text looks on a background with the Yxy color 39.0198, 0.3793, 0.2688.



This preview shows how white text looks on a background with the Yxy color 39.0198, 0.3793, 0.2688.

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

39.0198, 0.3793, 0.2688

Protanopia

39.1437, 0.2700, 0.2689

Deuteranopia

39.0734, 0.3129, 0.3062



Tritanopia

39.0526, 0.4172, 0.3184

Trichromacy



Original Color

39.0198, 0.3793, 0.2688



Protanomaly

37.9939, 0.3044, 0.2672



Deuteranomaly

38.3480, 0.3363, 0.2903



Tritanomaly

38.8565, 0.4033, 0.2999

Monochromacy



Original Color

39.0198, 0.3793, 0.2688



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

39.0536, 0.3364, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0198, 0.3793, 0.2688 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(247, 129, 186)` looks like.

```
.text, #text, p{  
    color:rgb(247, 129, 186)  
}
```

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(247, 129, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 129, 186) }
```

Border

The CSS property to change the border of an element to Yxy 39.0198, 0.3793, 0.2688 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(247, 129, 186) }
```

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

```
.border{ border-color:rgb(247, 129, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 129, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 129, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 129, 186);  
box-shadow:4px 4px 4px 4px rgb(247, 129,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0198, 0.3793, 0.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 129, 186) }
```

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

```
.background{ background-color: rgb(247,  
129, 186) }
```

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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