

Converting Colors

$Y_{xy}(44.0226, 0.4131, 0.2784)$

Have a look what the booklet for
Yxy(44.0226, 0.4131, 0.2784)
contains.

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Color

Yxy(39.7749, 0.3934, 0.2737)

Conversions

Conversions Part 1

Format	Color
Hex	FF7FB5
RGB	255, 127, 181
RGB Percent	100%, 50%, 71%
CMY	0.0000, 0.5019, 0.2902
CMYK	0.00, 0.50, 0.29, 0.00
HSL	335°, 100%, 75%
HSV	335°, 50%, 100%
XYZ	57.1701, 39.7749, 48.3780
YIQ	171.4280, 58.9540, 43.9300

Conversions

Conversions Part 2

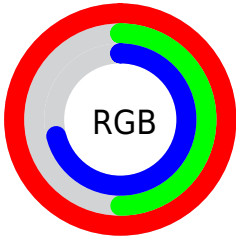
Format	Color
R_{YB}	255, 127, 181
Decimal	16744373
CIE _{Lab}	69.31, 54.35, -5.53
CIE _{LCh}	69, 54.635, 354.192
Yxy	39.7749, 0.3934, 0.2737
Android (android.graphics.Color)	4294934453 (0xFFFF7FB5)
YUV	171.4280, 4.7190, 73.2926
Hunter-Lab	63.0673, 51.4410, -1.3333

Details

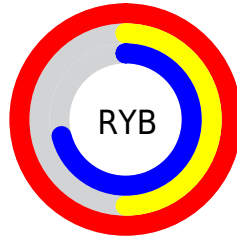
The Yxy color **39.7749, 0.3934, 0.2737** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.2500, 0.2710, 0.3950**, and the grayscale version is **40.9057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2414, 0.3298, 0.2749**, and **17.7953, 0.4171, 0.2584** is the 20% darker color. If you saturate the color by 10%, you get **33.4285, 0.4190, 0.2650**, and if you desaturate by 10%, it is **47.8549, 0.3712, 0.2843**.

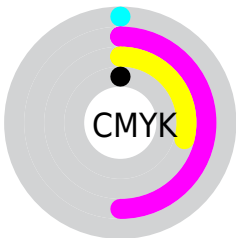
Distribution



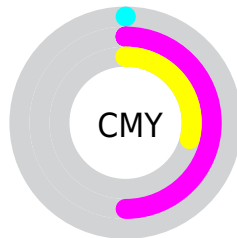
- Red (100%)
- Green (50%)
- Blue (71%)



- Red (100%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (50%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7749, 0.3934, 0.2737 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 39.7749, 0.3934, 0.2737 by changing the saturation by 10% instead.


 39.7749, 0.3934,
0.2737


 39.7749, 0.3934,
0.2737


345.1739, 0.3526,
0.3012

 27.3631, 0.4037,
0.2669


 74.8206, 0.3785,
0.2836

 17.8461, 0.4170,
0.2583


 98.2233, 0.3729,
0.2874

 10.8395, 0.4346,
0.2469


 126.0584, 0.3682,
0.2905

 5.9590, 0.4594,
0.2314

158.7103, 0.3642,
0.2933

 2.8202, 0.4961,
0.2088

196.5634, 0.3607,
0.2956

 1.0386, 0.5556,
0.1738

240.0021, 0.3576,

 0.0000, 0.8138,

0.2977

0.0000

289.4108, 0.3550,
0.2995

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.7749, 0.3934,
0.2737

■ 39.7749, 0.3934,
0.2737

■ 33.4285, 0.4190,
0.2650

■ 47.8549, 0.3712,
0.2843

■ 28.6807, 0.4473,
0.2594

■ 57.7806, 0.3523,
0.2956

■ 25.3842, 0.4772,
0.2583

■ 69.6601, 0.3366,
0.3071

■ 23.3612, 0.5067,
0.2624

■ 83.5917, 0.3236,
0.3183

■ 22.3335, 0.5336,
0.2713

99.6671, 0.3129,
0.3288

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



39.7749, 0.3109, 0.2325



39.7749, 0.3934, 0.2737



39.7749, 0.4555, 0.3273

Triad

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



39.7749, 0.3934, 0.2737



39.7749, 0.3745, 0.4758



39.7749, 0.1755, 0.2426

Complementary

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



39.7749, 0.3934, 0.2737



80.2500, 0.2710, 0.3950

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.



39.7749, 0.1872, 0.3049



39.7749, 0.3934, 0.2737



39.7749, 0.2982, 0.4611

Square

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



39.7749, 0.3934, 0.2737



39.7749, 0.4385, 0.4411



39.7749, 0.2299, 0.3908



39.7749, 0.1930, 0.2125

Rectangle

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



39.7749, 0.3934, 0.2737



39.7749, 0.4716, 0.3662



39.7749, 0.2299, 0.3908



39.7749, 0.1761, 0.2597

Sweetspot

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



39.7765, 0.3934, 0.2737



76.6335, 0.3295, 0.3130



34.6160, 0.2701, 0.1895



15.7824, 0.3323, 0.3106



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.



39.7765, 0.3934, 0.2737



33.5357, 0.4184, 0.2651



40.2713, 0.4518, 0.3381



18.1142, 0.3228, 0.3190



11.6980, 0.5294, 0.2690



1.1603, 0.5001, 0.2529

Inverse Universe

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



39.7765, 0.3934, 0.2737



33.5357, 0.4184, 0.2651



77.9286, 0.2452, 0.3190



18.1142, 0.3228, 0.3190



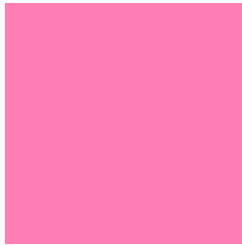
11.6980, 0.5294, 0.2690



1.1603, 0.5001, 0.2529

Previews

White Background



This preview shows how the Yxy color 39.7749, 0.3934, 0.2737 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 39.7749, 0.3934, 0.2737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

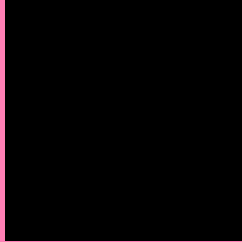
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7749, 0.3934, 0.2737

Background



This preview shows how black text looks on a background with the Yxy color 39.7749, 0.3934, 0.2737.



This preview shows how white text looks on a background with the Yxy color 39.7749, 0.3934, 0.2737.

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

39.7749, 0.3934, 0.2737

Protanopia

40.0873, 0.2762, 0.2770

Deuteranopia

39.8364, 0.3218, 0.3144



Tritanopia

39.7593, 0.4307, 0.3189

Trichromacy



Original Color

39.7749, 0.3934, 0.2737



Protanomaly

38.4618, 0.3125, 0.2726



Deuteranomaly

39.0092, 0.3471, 0.2971



Tritanomaly

39.5496, 0.4179, 0.3021

Monochromacy



Original Color

39.7749, 0.3934, 0.2737



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

39.0944, 0.3404, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7749, 0.3934, 0.2737 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, 127, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 181)  
}
```

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, 127, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 181) }
```

Border

The CSS property to change the border of an element to Yxy 39.7749, 0.3934, 0.2737 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, 127, 181) }
```

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

```
.border{ border-color:rgb(255, 127, 181) }
```

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

Here you see how a box with a 4 pixel rgb(255, 127, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7749, 0.3934, 0.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 181) }
```

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

```
.background{ background-color: rgb(255,  
127, 181) }
```

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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