

Converting Colors

$Y_{xy}(39.6959, 0.3890, 0.2744)$

Have a look what the booklet for
Yxy(39.6959, 0.3890, 0.2744)
contains.

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Color

Yxy(39.7734, 0.3888, 0.2740)

Conversions

Conversions Part 1

Format	Color
Hex	FC81B6
RGB	252, 129, 182
RGB Percent	99%, 51%, 71%
CMY	0.0118, 0.4941, 0.2864
CMYK	0.00, 0.49, 0.28, 0.01
HSL	334°, 95%, 75%
HSV	334°, 49%, 99%
XYZ	56.4376, 39.7734, 48.9474
YIQ	171.8190, 56.2950, 42.5590

Conversions

Conversions Part 2

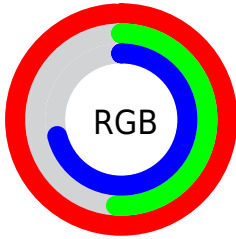
Format	Color
R _Y B	252, 129, 182
Decimal	16548278
CIE Lab	69.31, 52.55, -6.13
CIE LCh	69, 52.905, 353.349
Yxy	39.7734, 0.3888, 0.2740
Android (android.graphics.Color)	4294738358 (0xFFFC81B6)
YUV	171.8190, 5.0192, 70.3187
Hunter-Lab	63.0662, 49.3730, -1.8703

Details

The Yxy color **39.7734, 0.3888, 0.2740** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.4152, 0.2724, 0.3942**, and the grayscale version is **41.1128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1310, 0.3288, 0.2760**, and **17.9546, 0.4117, 0.2596** is the 20% darker color. If you saturate the color by 10%, you get **33.3716, 0.4134, 0.2648**, and if you desaturate by 10%, it is **47.8767, 0.3674, 0.2849**.

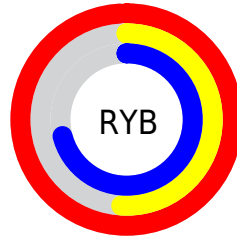
Distribution



Red (99%)

Green (51%)

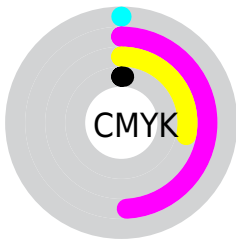
Blue (71%)



Red (99%)

Yellow (51%)

Blue (71%)

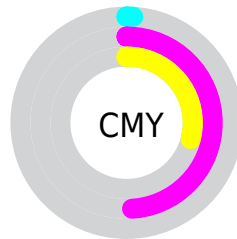


Cyan (0%)

Magenta (49%)

Yellow (28%)

Black (1%)



Cyan (1%)


Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7734, 0.3888, 0.2740 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 39.7734, 0.3888, 0.2740 by changing the saturation by 10% instead.

 39.7734, 0.3888,
0.2740


 39.7734, 0.3888,
0.2740

345.1676, 0.3503,
0.3013

 27.3619, 0.3985,
0.2673


 74.8183, 0.3747,
0.2838

 17.8452, 0.4110,
0.2587


 98.2206, 0.3695,
0.2876

 10.8389, 0.4276,
0.2475


 126.0552, 0.3651,
0.2907

 5.9586, 0.4509,
0.2321

158.7065, 0.3613,
0.2934

 2.8199, 0.4856,
0.2098

196.5591, 0.3580,
0.2958

 1.0385, 0.5418,
0.1752

239.9972, 0.3551,

 0.0000, 0.7859,

0.2978

0.0000

289.4052, 0.3526,
0.2997

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.7734, 0.3888,
0.2740

■ 39.7734, 0.3888,
0.2740

■ 33.3716, 0.4134,
0.2648

■ 47.8767, 0.3674,
0.2849

■ 28.5410, 0.4409,
0.2584

■ 57.7873, 0.3494,
0.2966

■ 25.1418, 0.4700,
0.2564

■ 69.6094, 0.3343,
0.3083

■ 23.0066, 0.4992,
0.2596

■ 83.4376, 0.3218,
0.3196

■ 21.8924, 0.5265,
0.2680

■ 99.3534, 0.3116,
0.3302

■ 21.7900, 0.5297,
0.2692

■ 99.4359, 0.3109,
0.3290

Harmonies

Analogous

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



39.7734, 0.3089, 0.2342



39.7734, 0.3888, 0.2740



39.7734, 0.4499, 0.3262

Triad

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



39.7734, 0.3888, 0.2740



39.7734, 0.3752, 0.4708



39.7734, 0.1790, 0.2466

Complementary

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



39.7734, 0.3888, 0.2740



78.4152, 0.2724, 0.3942

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.



39.7734, 0.1915, 0.3081



39.7734, 0.3888, 0.2740



39.7734, 0.3011, 0.4576

Square

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



39.7734, 0.3888, 0.2740



39.7734, 0.4366, 0.4371



39.7734, 0.2341, 0.3911



39.7734, 0.1954, 0.2162

Rectangle

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



39.7734, 0.3888, 0.2740



39.7734, 0.4665, 0.3641



39.7734, 0.2341, 0.3911



39.7734, 0.1799, 0.2636

Sweetspot

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



39.7754, 0.3888, 0.2740



76.6529, 0.3293, 0.3126



34.8331, 0.2717, 0.1935



15.7871, 0.3320, 0.3102



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.



39.7754, 0.3888, 0.2740



34.1493, 0.4140, 0.2646



40.2318, 0.4459, 0.3379



17.3493, 0.3226, 0.3188



11.3786, 0.5255, 0.2669



1.0747, 0.4952, 0.2502

Inverse Universe

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



39.7754, 0.3888, 0.2740



34.1493, 0.4140, 0.2646



76.2791, 0.2466, 0.3193



17.3493, 0.3226, 0.3188



11.3786, 0.5255, 0.2669



1.0747, 0.4952, 0.2502

Previews

White Background



This preview shows how the Yxy color 39.7734, 0.3888, 0.2740 looks on a white background.

Color Contrast Check

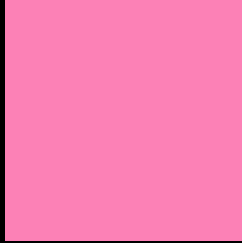
Large Text (above 18pt) WCAG AA × Fail

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 39.7734, 0.3888, 0.2740 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 39.7734, 0.3888, 0.2740

Background



This preview shows how black text looks on a background with the Yxy color 39.7734, 0.3888, 0.2740.



This preview shows how white text looks on a background with the Yxy color 39.7734, 0.3888, 0.2740.

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

39.7734, 0.3888, 0.2740

Protanopia

40.0873, 0.2762, 0.2770

Deuteranopia

39.7528, 0.3200, 0.3130



Tritanopia

39.8234, 0.4246, 0.3187

Trichromacy



Original Color

39.7734, 0.3888, 0.2740



Protanomaly

38.6578, 0.3115, 0.2737



Deuteranomaly

38.7575, 0.3441, 0.2956



Tritanomaly

39.6023, 0.4119, 0.3017

Monochromacy



Original Color

39.7734, 0.3888, 0.2740



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.3290, 0.3383, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7734, 0.3888, 0.2740 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(252, 129, 182)` looks like.

```
.text, #text, p{  
    color:rgb(252, 129, 182)  
}
```

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(252, 129, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 129, 182) }
```

Border

The CSS property to change the border of an element to Yxy 39.7734, 0.3888, 0.2740 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(252, 129, 182) }
```

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

```
.border{ border-color:rgb(252, 129, 182) }
```

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

Here you see how a box with a 4 pixel rgb(252, 129, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 129, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 129, 182);  
box-shadow:4px 4px 4px 4px rgb(252, 129,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7734, 0.3888, 0.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 129, 182) }
```

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

```
.background{ background-color: rgb(252,  
129, 182) }
```

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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