

Converting Colors

Yxy(71.0664, 0.3097, 0.2839)

Have a look what the booklet for
Yxy(71.0664, 0.3097, 0.2839)
contains.

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Color

Yxy(71.0664, 0.3097, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	F5CFFC
RGB	245, 207, 252
RGB Percent	96%, 81%, 99%
CMY	0.0394, 0.1881, 0.0117
CMYK	0.03, 0.18, 0.00, 0.01
HSL	291°, 88%, 90%
HSV	291°, 18%, 99%
XYZ	77.5247, 71.0664, 101.7308
YIQ	223.4920, 8.2030, 22.0510

Conversions

Conversions Part 2

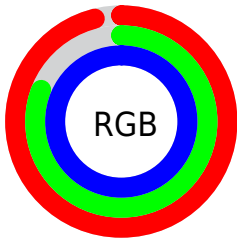
Format	Color
R _Y B	245, 207, 252
Decimal	16109564
CIE Lab	87.52, 20.97, -17.04
CIE LCh	88, 27.023, 320.898
Yxy	71.0664, 0.3097, 0.2839
Android (android.graphics.Color)	4294299644 (0xFFF5CFFC)
YUV	223.4920, 14.0544, 18.8625
Hunter-Lab	84.3009, 16.6254, -12.5381

Details

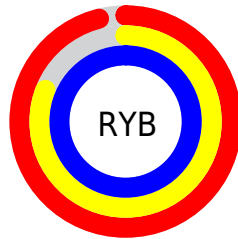
The Yxy color **71.0664, 0.3097, 0.2839** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.4411, 0.3149, 0.3771**, and the grayscale version is **74.0522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0880, 0.3086, 0.2737** is the 20% darker color. If you saturate the color by 10%, you get **59.1114, 0.3074, 0.2576**, and if you desaturate by 10%, it is **84.9916, 0.3115, 0.3096**.

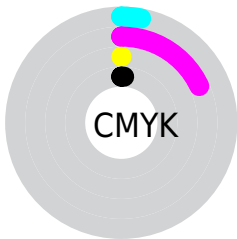
Distribution



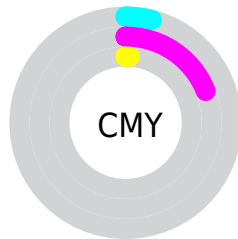
- Red (96%)
- Green (81%)
- Blue (99%)



- Red (96%)
- Yellow (81%)
- Blue (99%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)




- Cyan (4%)
- Magenta (19%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0664, 0.3097, 0.2839 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 71.0664, 0.3097, 0.2839 by changing the saturation by 10% instead.


 71.0664, 0.3097,
0.2839

 71.0664, 0.3097,
0.2839


464.2855, 0.3114,
0.3041

 52.3964, 0.3092,
0.2794


120.7283, 0.3103,
0.2908

 37.3211, 0.3087,
0.2740


152.4889, 0.3106,
0.2935

 25.4562, 0.3079,
0.2673

189.3819, 0.3108,
0.2958

 16.4173, 0.3067,
0.2586

231.7916, 0.3109,
0.2979

 9.8199, 0.3051,
0.2473

280.1024, 0.3111,
0.2997

 5.2797, 0.3025,
0.2316

334.6987, 0.3112,

 2.4123, 0.2979,

0.3013

0.2087

395.9650, 0.3113,
0.3028

0.8322, 0.2886,
0.1725

0.0000, 0.2193,
0.0000

71.0664, 0.3097,
0.2839

71.0664, 0.3097,
0.2839

59.1114, 0.3074,
0.2576

84.9916, 0.3115,
0.3096

49.0250, 0.3047,
0.2316

99.4047, 0.3131,
0.3319

40.7106, 0.3015,
0.2067

99.8087, 0.3144,
0.3319

34.0589, 0.2979,
0.1842

■ 28.9488, 0.2940,
0.1649

■ 25.2422, 0.2899,
0.1498

■ 22.7766, 0.2858,
0.1393

■ 21.3337, 0.2816,
0.1331

■ 21.0887, 0.2807,
0.1320

Harmonies

Analogous

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



71.0664, 0.2790, 0.2753



71.0664, 0.3097, 0.2839



71.0664, 0.3428, 0.3030

Triad

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



71.0664, 0.3097, 0.2839



71.0664, 0.3694, 0.3777



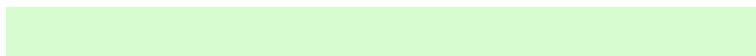
71.0664, 0.2597, 0.3254

Complementary

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



71.0664, 0.3097, 0.2839



88.4411, 0.3149, 0.3771

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.



71.0664, 0.2819, 0.3568



71.0664, 0.3097, 0.2839



71.0664, 0.3451, 0.3877

Square

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



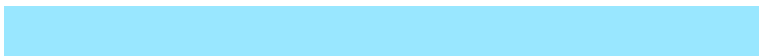
71.0664, 0.3097, 0.2839



71.0664, 0.3782, 0.3556



71.0664, 0.3130, 0.3805



71.0664, 0.2513, 0.2972

Rectangle

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



71.0664, 0.3097, 0.2839



71.0664, 0.3613, 0.3197



71.0664, 0.3130, 0.3805



71.0664, 0.2657, 0.3360

Sweetspot

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



71.0695, 0.3097, 0.2839



91.7553, 0.3120, 0.3167



68.6567, 0.2836, 0.2885



19.4006, 0.3119, 0.3150



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.



71.0695, 0.3097, 0.2839



68.9029, 0.3090, 0.2756



71.4507, 0.3253, 0.2989



17.3784, 0.3113, 0.3055



11.0382, 0.2814, 0.1324



1.0582, 0.2864, 0.1351

Inverse Universe

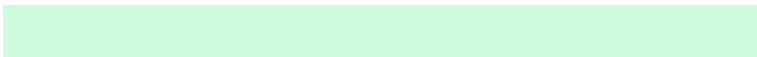
The Inverse Universe completely reimagines the original color for something new.



70.1952, 0.3421, 0.3218



67.8896, 0.3486, 0.3205



88.1691, 0.3020, 0.3611



17.2697, 0.3269, 0.3253



10.8724, 0.6181, 0.3179



1.0195, 0.5891, 0.3019

Previews

White Background



This preview shows how the Yxy color 71.0664, 0.3097, 0.2839 looks on a white background.

Color Contrast Check

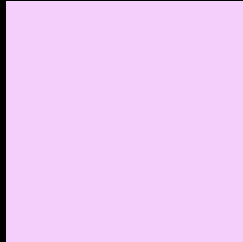
Large Text (above 18pt) WCAG AA × Fail

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 71.0664, 0.3097, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

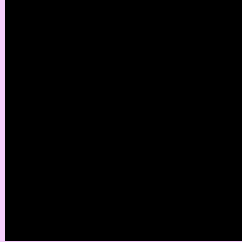
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0664, 0.3097, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 71.0664, 0.3097, 0.2839.



This preview shows how white text looks on a background with the Yxy color 71.0664, 0.3097, 0.2839.

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

71.0664, 0.3097, 0.2839

Protanopia

71.3599, 0.2853, 0.2897

Deuteranopia

71.2269, 0.2970, 0.2905



Tritanopia

70.8907, 0.3232, 0.3114

Trichromacy



Original Color

71.0664, 0.3097, 0.2839

Protanomaly

71.0962, 0.2937, 0.2873

Deuteranomaly

70.8772, 0.3018, 0.2879

Tritanomaly

71.0849, 0.3177, 0.3013

Monochromacy



Original Color

71.0664, 0.3097, 0.2839

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.5551, 0.3114, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0664, 0.3097, 0.2839 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(245, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(245, 207, 252)  
}
```

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(245, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 207, 252) }
```

Border

The CSS property to change the border of an element to Yxy 71.0664, 0.3097, 0.2839 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(245, 207, 252) }
```

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

```
.border{ border-color:rgb(245, 207, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 207, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(245, 207,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0664, 0.3097, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 207, 252) }
```

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

```
.background{ background-color: rgb(245,  
207, 252) }
```

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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