

Converting Colors

$Y_{xy}(71.1949, 0.3094, 0.2853)$

Have a look what the booklet for
Yxy(71.1949, 0.3094, 0.2853)
contains.

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Color

Yxy(71.3099, 0.3097, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	F4D0FB
RGB	244, 208, 251
RGB Percent	96%, 82%, 98%
CMY	0.0431, 0.1843, 0.0158
CMYK	0.03, 0.17, 0.00, 0.02
HSL	290°, 84%, 90%
HSV	290°, 17%, 98%
XYZ	77.2732, 71.3099, 100.9267
YIQ	223.6660, 7.6530, 21.0050

Conversions

Conversions Part 2

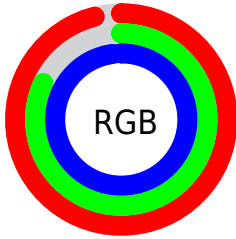
Format	Color
R _Y B	244, 208, 251
Decimal	16044283
CIE Lab	87.64, 19.96, -16.32
CIE LCh	88, 25.781, 320.717
Yxy	71.3099, 0.3097, 0.2858
Android (android.graphics.Color)	4294234363 (0xFFF4D0FB)
YUV	223.6660, 13.4757, 17.8329
Hunter-Lab	84.4452, 15.5608, -11.7502

Details

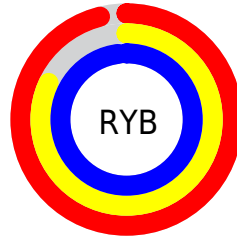
The Yxy color $71.3099, 0.3097, 0.2858$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.9676, 0.3149, 0.3749$, and the grayscale version is $74.1900, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.3689, 0.3095, 0.2762$ is the 20% darker color. If you saturate the color by 10%, you get $59.3087, 0.3073, 0.2595$, and if you desaturate by 10%, it is $85.2694, 0.3116, 0.3115$.

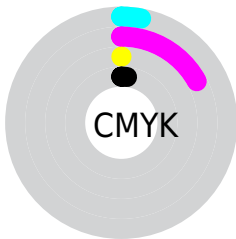
Distribution



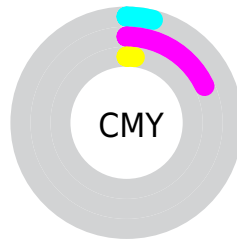
- Red (96%)
- Green (82%)
- Blue (98%)



- Red (96%)
- Yellow (82%)
- Blue (98%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)




- Cyan (4%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3099, 0.3097, 0.2858 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 71.3099, 0.3097, 0.2858 by changing the saturation by 10% instead.

 71.3099, 0.3097,
0.2858

 71.3099, 0.3097,
0.2858


465.1360, 0.3114,
0.3052

 52.5951, 0.3093,
0.2815

121.0749, 0.3103,
0.2924

 37.4797, 0.3087,
0.2763


152.8939, 0.3106,
0.2950

 25.5791, 0.3079,
0.2698


189.8498, 0.3108,
0.2973

 16.5090, 0.3068,
0.2615

232.3269, 0.3109,
0.2992

 9.8851, 0.3053,
0.2505

280.7097, 0.3111,
0.3010

 5.3228, 0.3027,
0.2354

335.3826, 0.3112,

 2.4379, 0.2983,

0.3025

0.2132

396.7299, 0.3113,
0.3039

0.8453, 0.2894,
0.1779

0.0000, 0.2178,
0.0000

71.3099, 0.3097,
0.2858

71.3099, 0.3097,
0.2858

59.3087, 0.3073,
0.2595

85.2694, 0.3116,
0.3115

49.1657, 0.3045,
0.2334

99.2034, 0.3133,
0.3329

40.7858, 0.3013,
0.2083

99.7427, 0.3150,
0.3329

34.0616, 0.2976,
0.1855

■ 28.8742, 0.2936,
0.1659

■ 25.0883, 0.2893,
0.1503

■ 22.5454, 0.2850,
0.1393

■ 21.0416, 0.2807,
0.1328

■ 20.7114, 0.2795,
0.1313

Harmonies

Analogous

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



71.3099, 0.2804, 0.2776



71.3099, 0.3097, 0.2858



71.3099, 0.3412, 0.3040

Triad

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



71.3099, 0.3097, 0.2858



71.3099, 0.3668, 0.3754



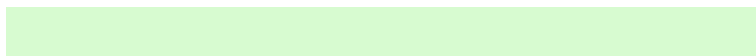
71.3099, 0.2622, 0.3258

Complementary

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



71.3099, 0.3097, 0.2858



87.9676, 0.3149, 0.3749

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.



71.3099, 0.2835, 0.3557



71.3099, 0.3097, 0.2858



71.3099, 0.3439, 0.3849

Square

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



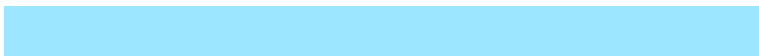
71.3099, 0.3097, 0.2858



71.3099, 0.3751, 0.3544



71.3099, 0.3132, 0.3780



71.3099, 0.2541, 0.2989

Rectangle

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



71.3099, 0.3097, 0.2858



71.3099, 0.3589, 0.3200



71.3099, 0.3132, 0.3780



71.3099, 0.2680, 0.3360

Sweetspot

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



71.3130, 0.3097, 0.2858



91.7437, 0.3120, 0.3167



69.0602, 0.2849, 0.2904



19.3978, 0.3118, 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.



71.3130, 0.3097, 0.2858



68.8556, 0.3088, 0.2756



71.7120, 0.3247, 0.3002



17.3739, 0.3112, 0.3054



10.9445, 0.2802, 0.1317



1.0504, 0.2853, 0.1346

Inverse Universe

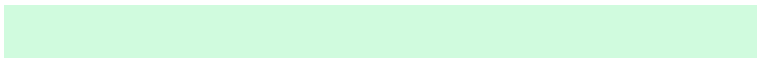
The Inverse Universe completely reimagines the original color for something new.



70.5228, 0.3405, 0.3219



67.9026, 0.3484, 0.3202



87.6739, 0.3024, 0.3596



17.2711, 0.3268, 0.3252



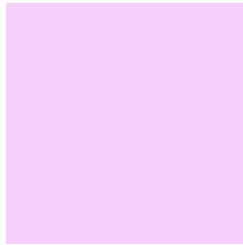
10.8771, 0.6171, 0.3173



1.0202, 0.5877, 0.3011

Previews

White Background



This preview shows how the Yxy color 71.3099, 0.3097, 0.2858 looks on a white background.

Color Contrast Check

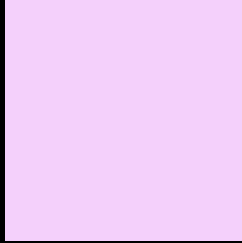
Large Text (above 18pt) WCAG AA × Fail

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 71.3099, 0.3097, 0.2858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

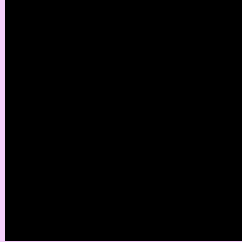
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

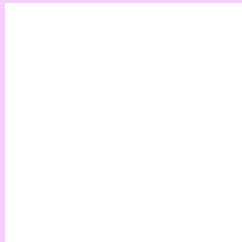
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3099, 0.3097, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 71.3099, 0.3097, 0.2858.

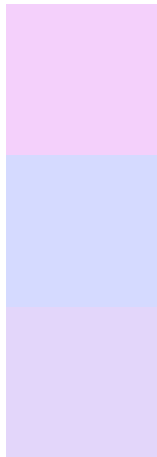


This preview shows how white text looks on a background with the Yxy color 71.3099, 0.3097, 0.2858.

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

71.3099, 0.3097, 0.2858

Protanopia

71.5089, 0.2860, 0.2898

Deuteranopia

71.3262, 0.2983, 0.2915



Tritanopia

71.4449, 0.3224, 0.3114

Trichromacy



Original Color

71.3099, 0.3097, 0.2858

Protanomaly

71.0962, 0.2937, 0.2873

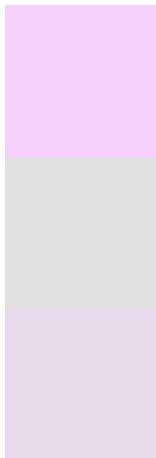
Deuteranomaly

71.3127, 0.3024, 0.2899

Tritanomaly

71.5802, 0.3176, 0.3023

Monochromacy



Original Color

71.3099, 0.3097, 0.2858

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.0722, 0.3114, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3099, 0.3097, 0.2858 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(244, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(244, 208, 251)  
}
```

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(244, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 208, 251) }
```

Border

The CSS property to change the border of an element to Yxy 71.3099, 0.3097, 0.2858 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(244, 208, 251) }
```

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

```
.border{ border-color:rgb(244, 208, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 208, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 208, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 208, 251);  
box-shadow:4px 4px 4px 4px rgb(244, 208,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3099, 0.3097, 0.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 208, 251) }
```

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

```
.background{ background-color: rgb(244,  
208, 251) }
```

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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