

Converting Colors

$Yxy(74.2397, 0.3075, 0.2899)$

Have a look what the booklet for
Yxy(74.2397, 0.3075, 0.2899)
contains.

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Color

Yxy(74.2397, 0.3075, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	F3D6FD
RGB	243, 214, 253
RGB Percent	95%, 84%, 99%
CMY	0.0469, 0.1608, 0.0079
CMYK	0.04, 0.15, 0.00, 0.01
HSL	285°, 91%, 92%
HSV	285°, 15%, 99%
XYZ	78.7468, 74.2397, 103.1007
YIQ	227.1170, 4.7650, 18.2770

Conversions

Conversions Part 2

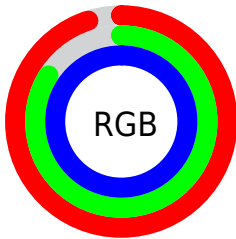
Format	Color
R _Y B	243, 214, 253
Decimal	15980285
CIE Lab	89.04, 16.87, -15.30
CIE LCh	89, 22.772, 317.791
Yxy	74.2397, 0.3075, 0.2899
Android (android.graphics.Color)	4294170365 (0xFFFF3D6FD)
YUV	227.1170, 12.7603, 13.9294
Hunter-Lab	86.1625, 12.3530, -10.6318

Details

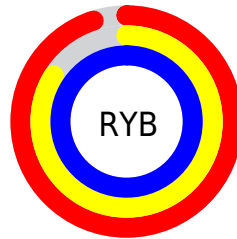
The Yxy color **74.2397, 0.3075, 0.2899** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.9396, 0.3170, 0.3697**, and the grayscale version is **76.8129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3466, 0.3066, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **61.2878, 0.3033, 0.2631**, and if you desaturate by 10%, it is **89.2270, 0.3111, 0.3157**.

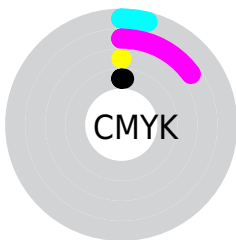
Distribution



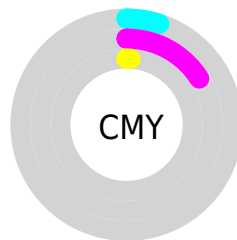
- Red (95%)
- Green (84%)
- Blue (99%)



- Red (95%)
- Yellow (84%)
- Blue (99%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2397, 0.3075, 0.2899 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 74.2397, 0.3075, 0.2899 by changing the saturation by 10% instead.


 74.2397, 0.3075,
0.2899

 74.2397, 0.3075,
0.2899

475.3002, 0.3101,
0.3074

 54.9902, 0.3069,
0.2860

125.2355, 0.3084,
0.2959

 39.3939, 0.3061,
0.2813


157.7507, 0.3088,
0.2982

 27.0663, 0.3050,
0.2755


195.4566, 0.3091,
0.3002

 17.6230, 0.3036,
0.2680

238.7376, 0.3094,
0.3020

 10.6797, 0.3016,
0.2582

287.9780, 0.3096,
0.3036

 5.8519, 0.2985,
0.2446

343.5623, 0.3098,

 2.7552, 0.2935,

0.3050

0.2248

405.8750, 0.3100,
0.3063

1.0053, 0.2840,
0.1932

0.0000, 0.2456,
0.0000

74.2397, 0.3075,
0.2899

74.2397, 0.3075,
0.2899

61.2878, 0.3033,
0.2631

89.2270, 0.3111,
0.3157

50.2699, 0.2983,
0.2359

99.8714, 0.3139,
0.3309

41.0901, 0.2926,
0.2092

33.6403, 0.2864,
0.1842

■ 27.8011, 0.2797,
0.1621

■ 23.4375, 0.2727,
0.1438

■ 20.3922, 0.2657,
0.1301

■ 18.4707, 0.2589,
0.1213

■ 17.8364, 0.2559,
0.1183

Harmonies

Analogous

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



74.2397, 0.2824, 0.2838



74.2397, 0.3075, 0.2899



74.2397, 0.3351, 0.3053

Triad

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



74.2397, 0.3075, 0.2899



74.2397, 0.3613, 0.3682



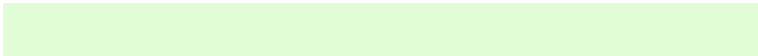
74.2397, 0.2699, 0.3290

Complementary

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



74.2397, 0.3075, 0.2899



90.9396, 0.3170, 0.3697

Split Complementary

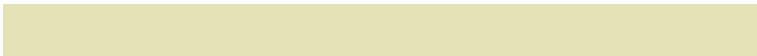
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2397, 0.2896, 0.3544



74.2397, 0.3075, 0.2899



74.2397, 0.3424, 0.3774

Square

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



74.2397, 0.3075, 0.2899



74.2397, 0.3669, 0.3494



74.2397, 0.3160, 0.3726



74.2397, 0.2614, 0.3049

Rectangle

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



74.2397, 0.3075, 0.2899



74.2397, 0.3509, 0.3191



74.2397, 0.3160, 0.3726



74.2397, 0.2754, 0.3377

Sweetspot

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



74.2429, 0.3075, 0.2899



91.5212, 0.3112, 0.3167



74.9095, 0.2881, 0.2988



19.3436, 0.3110, 0.3149



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.



74.2429, 0.3075, 0.2899



71.9755, 0.3065, 0.2830



75.4963, 0.3207, 0.2994



18.0533, 0.3097, 0.3053



9.5622, 0.2569, 0.1189



0.9831, 0.2645, 0.1231

Inverse Universe

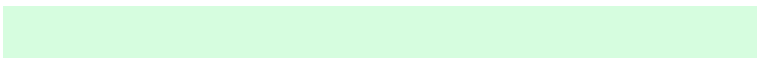
The Inverse Universe completely reimagines the original color for something new.



74.3501, 0.3347, 0.3190



72.1206, 0.3391, 0.3172



89.8740, 0.3056, 0.3606



18.0631, 0.3254, 0.3230



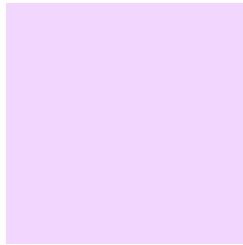
11.3290, 0.5919, 0.3034



1.1199, 0.5603, 0.2860

Previews

White Background



This preview shows how the Yxy color 74.2397, 0.3075, 0.2899 looks on a white background.

Color Contrast Check

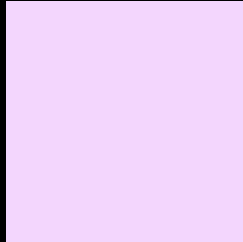
Large Text (above 18pt) WCAG AA × Fail

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 74.2397, 0.3075, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

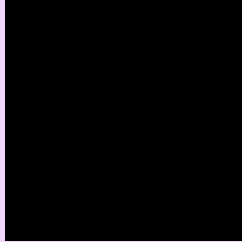
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

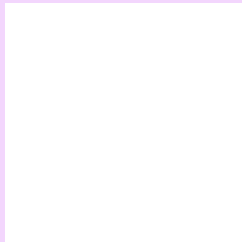
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2397, 0.3075, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 74.2397, 0.3075, 0.2899.



This preview shows how white text looks on a background with the Yxy color 74.2397, 0.3075, 0.2899.

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

74.2397, 0.3075, 0.2899

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

74.3269, 0.3005, 0.2941



Tritanopia

74.0915, 0.3178, 0.3115

Trichromacy



Original Color

74.2397, 0.3075, 0.2899

Protanomaly

74.1497, 0.2958, 0.2929

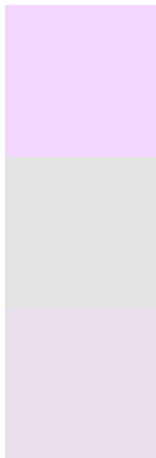
Deuteranomaly

74.4869, 0.3032, 0.2934

Tritanomaly

74.1634, 0.3139, 0.3035

Monochromacy



Original Color

74.2397, 0.3075, 0.2899

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.6223, 0.3113, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2397, 0.3075, 0.2899 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(243, 214, 253)` looks like.

```
.text, #text, p{  
    color:rgb(243, 214, 253)  
}
```

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(243, 214, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 214, 253) }
```

Border

The CSS property to change the border of an element to Yxy 74.2397, 0.3075, 0.2899 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(243, 214, 253) }
```

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

```
.border{ border-color:rgb(243, 214, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 214, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 214, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 214, 253);  
box-shadow:4px 4px 4px 4px rgb(243, 214,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2397, 0.3075, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 214, 253) }
```

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

```
.background{ background-color: rgb(243,  
214, 253) }
```

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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