

Converting Colors

Yxy(73.9609, 0.3081, 0.2924)

Have a look what the booklet for
Yxy(73.9609, 0.3081, 0.2924)
contains.

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Color

Yxy(73.9354, 0.3081, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	F2D6FB
RGB	242, 214, 251
RGB Percent	95%, 84%, 98%
CMY	0.0508, 0.1608, 0.0156
CMYK	0.04, 0.15, 0.00, 0.02
HSL	285°, 82%, 91%
HSV	285°, 15%, 98%
XYZ	78.0922, 73.9354, 101.4362
YIQ	226.5900, 4.8110, 17.4430

Conversions

Conversions Part 2

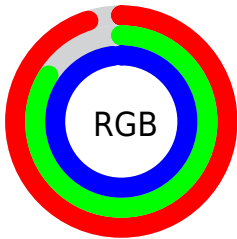
Format	Color
R _Y B	242, 214, 251
Decimal	15914747
CIE Lab	88.89, 16.18, -14.48
CIE LCh	89, 21.718, 318.169
Yxy	73.9354, 0.3081, 0.2917
Android (android.graphics.Color)	4294104827 (0xFFFF2D6FB)
YUV	226.5900, 12.0341, 13.5146
Hunter-Lab	85.9857, 11.6387, -9.7537

Details

The Yxy color $73.9354, 0.3081, 0.2917$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.5407, 0.3165, 0.3678$, and the grayscale version is $76.4174, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.1304, 0.3074, 0.2838$ is the 20% darker color. If you saturate the color by 10%, you get $61.1400, 0.3042, 0.2650$, and if you desaturate by 10%, it is $88.7307, 0.3114, 0.3173$.

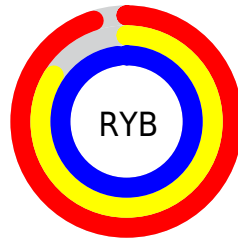
Distribution



Red (95%)

Green (84%)

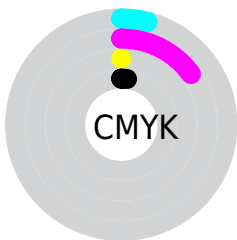
Blue (98%)



Red (95%)

Yellow (84%)

Blue (98%)

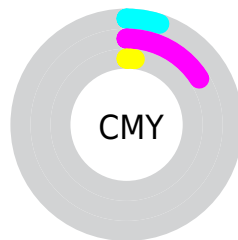


Cyan (4%)

Magenta (15%)

Yellow (0%)

Black (2%)



Cyan (5%)


Magenta (16%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9354, 0.3081, 0.2917 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 73.9354, 0.3081, 0.2917 by changing the saturation by 10% instead.

 73.9354, 0.3081,
0.2917

 73.9354, 0.3081,
0.2917


474.2504, 0.3104,
0.3084

 54.7412, 0.3075,
0.2880

124.8042, 0.3089,
0.2974

 39.1945, 0.3068,
0.2835


157.2476, 0.3093,
0.2996

 26.9111, 0.3059,
0.2779


194.8762, 0.3095,
0.3016

 17.5065, 0.3046,
0.2707

238.0743, 0.3098,
0.3033

 10.5962, 0.3028,
0.2612

287.2264, 0.3100,
0.3048

 5.7960, 0.3000,
0.2481

342.7168, 0.3101,

 2.7215, 0.2954,

0.3061

0.2288

404.9300, 0.3103,
0.3073

■ 0.9881, 0.2866,
0.1979

■ 0.0000, 0.2405,
0.0000

■ 73.9354, 0.3081,
0.2917

■ 73.9354, 0.3081,
0.2917

■ 61.1400, 0.3042,
0.2650

■ 88.7307, 0.3114,
0.3173

■ 50.2451, 0.2996,
0.2380

■ 99.5962, 0.3145,
0.3328

■ 41.1574, 0.2943,
0.2114

■ 99.7462, 0.3150,
0.3328

■ 33.7716, 0.2885,
0.1865

■ 27.9714, 0.2821,
0.1644

■ 23.6257, 0.2756,
0.1461

■ 20.5819, 0.2690,
0.1324

■ 18.6528, 0.2625,
0.1234

■ 17.9448, 0.2592,
0.1201

Harmonies

Analogous

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



73.9354, 0.2840, 0.2858



73.9354, 0.3081, 0.2917



73.9354, 0.3344, 0.3065

Triad

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



73.9354, 0.3081, 0.2917



73.9354, 0.3589, 0.3667



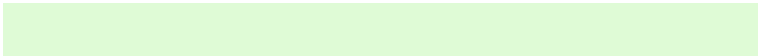
73.9354, 0.2716, 0.3287

Complementary

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



73.9354, 0.3081, 0.2917



89.5407, 0.3165, 0.3678

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.



73.9354, 0.2904, 0.3530



73.9354, 0.3081, 0.2917



73.9354, 0.3408, 0.3752

Square

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



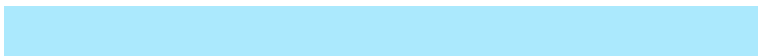
73.9354, 0.3081, 0.2917



73.9354, 0.3645, 0.3488



73.9354, 0.3156, 0.3704



73.9354, 0.2636, 0.3058

Rectangle

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



73.9354, 0.3081, 0.2917



73.9354, 0.3494, 0.3198



73.9354, 0.3156, 0.3704



73.9354, 0.2768, 0.3371

Sweetspot

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



73.9386, 0.3081, 0.2917



93.1985, 0.3116, 0.3192



74.1659, 0.2892, 0.2996



19.6828, 0.3114, 0.3173



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.



73.9386, 0.3081, 0.2917



72.0829, 0.3069, 0.2831



74.9949, 0.3207, 0.3013



17.3005, 0.3099, 0.3053



9.5019, 0.2602, 0.1207



0.9288, 0.2678, 0.1249

Inverse Universe

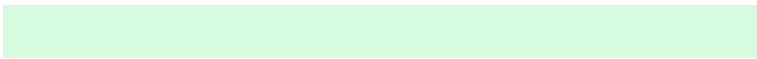
The Inverse Universe completely reimagines the original color for something new.



73.9236, 0.3339, 0.3199



72.0886, 0.3395, 0.3178



88.6409, 0.3056, 0.3584



17.2941, 0.3256, 0.3233



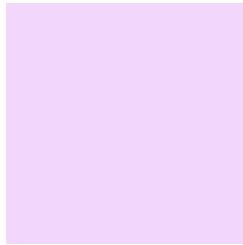
10.9753, 0.5958, 0.3056



1.0324, 0.5628, 0.2874

Previews

White Background



This preview shows how the Yxy color 73.9354, 0.3081, 0.2917 looks on a white background.

Color Contrast Check

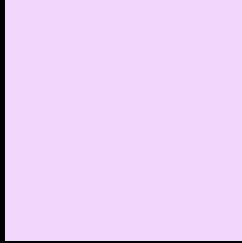
Large Text (above 18pt) WCAG AA × Fail

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 73.9354, 0.3081, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

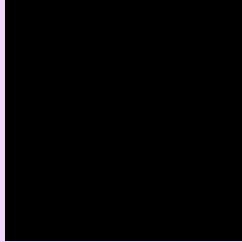
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

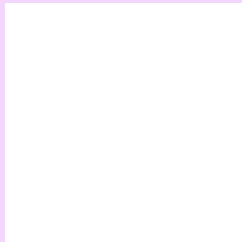
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9354, 0.3081, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 73.9354, 0.3081, 0.2917.



This preview shows how white text looks on a background with the Yxy color 73.9354, 0.3081, 0.2917.

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

73.9354, 0.3081, 0.2917

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

73.6836, 0.3017, 0.2951



Tritanopia

73.9169, 0.3171, 0.3115

Trichromacy



Original Color

73.9354, 0.3081, 0.2917

Protanomaly

74.1497, 0.2958, 0.2929

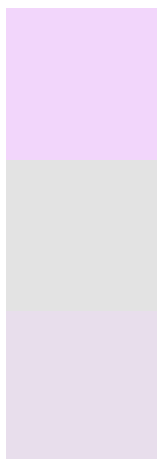
Deuteranomaly

73.8467, 0.3045, 0.2943

Tritanomaly

73.9283, 0.3139, 0.3044

Monochromacy



Original Color

73.9354, 0.3081, 0.2917

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.4545, 0.3106, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9354, 0.3081, 0.2917 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(242, 214, 251)` looks like.

```
.text, #text, p{  
    color:rgb(242, 214, 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(242, 214, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 214, 251) }
```

Border

The CSS property to change the border of an element to Yxy 73.9354, 0.3081, 0.2917 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(242, 214, 251) }
```

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

```
.border{ border-color:rgb(242, 214, 251) }
```

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

Here you see how a box with a 4 pixel rgb(242, 214, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 214, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 214, 251);  
box-shadow:4px 4px 4px 4px rgb(242, 214,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9354, 0.3081, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 214, 251) }
```

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

```
.background{ background-color: rgb(242,  
214, 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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