

Converting Colors

$Y_{xy}(73.9619, 0.3042, 0.2879)$

Have a look what the booklet for
Yxy(73.9619, 0.3042, 0.2879)
contains.

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Color

Yxy(73.8384, 0.3041, 0.2877)

Conversions

Conversions Part 1

Format	Color
Hex	F0D6FF
RGB	240, 214, 255
RGB Percent	94%, 84%, 100%
CMY	0.0586, 0.1608, 0.0000
CMYK	0.06, 0.16, 0.00, 0.00
HSL	278°, 100%, 92%
HSV	278°, 16%, 100%
XYZ	78.0475, 73.8384, 104.7648
YIQ	226.4480, 2.3350, 18.2630

Conversions

Conversions Part 2

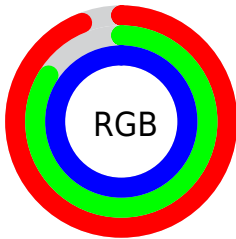
Format	Color
R _Y B	240, 214, 255
Decimal	15783679
CIE Lab	88.85, 16.29, -16.68
CIE LCh	89, 23.313, 314.328
Yxy	73.8384, 0.3041, 0.2877
Android (android.graphics.Color)	4293973759 (0xFFFF0D6FF)
YUV	226.4480, 14.0761, 11.8851
Hunter-Lab	85.9293, 11.7510, -12.1358

Details

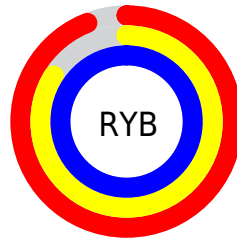
The Yxy color **73.8384, 0.3041, 0.2877** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93.0210, 0.3201, 0.3713**, and the grayscale version is **76.2938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0638, 0.3022, 0.2787** is the 20% darker color. If you saturate the color by 10%, you get **60.3431, 0.2975, 0.2601**, and if you desaturate by 10%, it is **89.4407, 0.3097, 0.3139**.

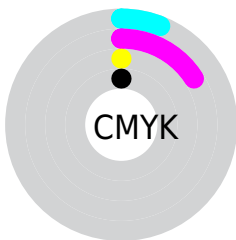
Distribution



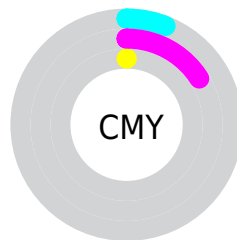
- Red (94%)
- Green (84%)
- Blue (100%)



- Red (94%)
- Yellow (84%)
- Blue (100%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (6%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8384, 0.3041, 0.2877 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 73.8384, 0.3041, 0.2877 by changing the saturation by 10% instead.


 73.8384, 0.3041,
0.2877

 73.8384, 0.3041,
0.2877


473.9154, 0.3083,
0.3062

 54.6618, 0.3031,
0.2836


124.6667, 0.3056,
0.2940

 39.1310, 0.3019,
0.2787


157.0872, 0.3062,
0.2965

 26.8617, 0.3003,
0.2725


194.6911, 0.3066,
0.2986

 17.4693, 0.2981,
0.2646

237.8628, 0.3071,
0.3005

 10.5697, 0.2951,
0.2542

286.9866, 0.3074,
0.3022

 5.7783, 0.2907,
0.2399

342.4471, 0.3077,

 2.7107, 0.2836,

0.3037

0.2191

404.6286, 0.3080,
0.3050

0.9826, 0.2705,
0.1861

0.0000, 0.2118,
0.0000

73.8384, 0.3041,
0.2877

73.8384, 0.3041,
0.2877

60.3431, 0.2975,
0.2601

89.4407, 0.3097,
0.3139

48.8547, 0.2899,
0.2318

100.0000, 0.3127,
0.3290

39.2726, 0.2814,
0.2036

31.4850, 0.2720,
0.1768

■ 25.3684, 0.2622,
0.1527

■ 20.7829, 0.2522,
0.1325

■ 17.5652, 0.2423,
0.1171

■ 15.5126, 0.2330,
0.1069

■ 14.9090, 0.2295,
0.1038

Harmonies

Analogous

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



73.8384, 0.2791, 0.2827



73.8384, 0.3041, 0.2877



73.8384, 0.3325, 0.3025

Triad

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



73.8384, 0.3041, 0.2877



73.8384, 0.3639, 0.3673



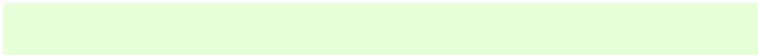
73.8384, 0.2706, 0.3321

Complementary

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



73.8384, 0.3041, 0.2877



93.0210, 0.3201, 0.3713

Split Complementary

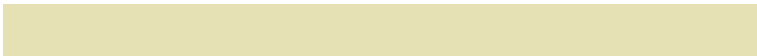
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8384, 0.2919, 0.3578



73.8384, 0.3041, 0.2877



73.8384, 0.3459, 0.3782

Square

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



73.8384, 0.3041, 0.2877



73.8384, 0.3679, 0.3472



73.8384, 0.3194, 0.3751



73.8384, 0.2605, 0.3068

Rectangle

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



73.8384, 0.3041, 0.2877



73.8384, 0.3494, 0.3162



73.8384, 0.3194, 0.3751



73.8384, 0.2767, 0.3410

Sweetspot

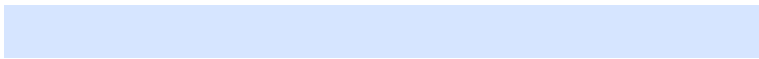
The Sweet Spot groups the original color and five complimentary colors.



73.8401, 0.3041, 0.2877



91.2626, 0.3103, 0.3167



77.5656, 0.2871, 0.3017



19.2806, 0.3099, 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.



73.8401, 0.3041, 0.2877



69.6917, 0.3023, 0.2798



76.2182, 0.3183, 0.2942



17.9501, 0.3079, 0.3052



7.8777, 0.2310, 0.1046



0.8289, 0.2412, 0.1102

Inverse Universe

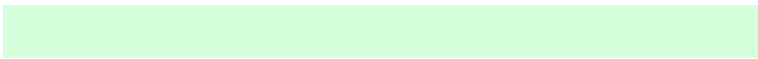
The Inverse Universe completely reimagines the original color for something new.



74.9988, 0.3326, 0.3141



71.0609, 0.3369, 0.3112



90.9523, 0.3076, 0.3665



18.0965, 0.3237, 0.3204



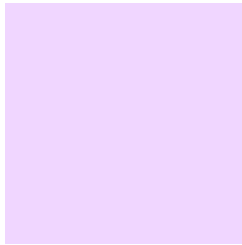
11.5472, 0.5527, 0.2818



1.1444, 0.5215, 0.2646

Previews

White Background



This preview shows how the Yxy color 73.8384, 0.3041, 0.2877 looks on a white background.

Color Contrast Check

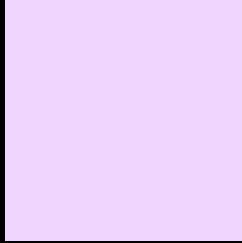
Large Text (above 18pt) WCAG AA × Fail

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 73.8384, 0.3041, 0.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

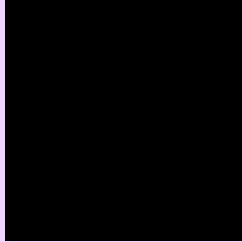
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

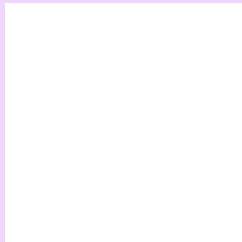
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8384, 0.3041, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 73.8384, 0.3041, 0.2877.

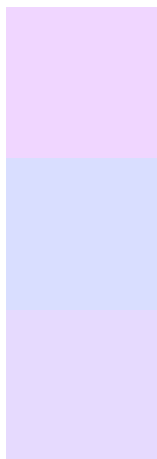


This preview shows how white text looks on a background with the Yxy color 73.8384, 0.3041, 0.2877.

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

73.8384, 0.3041, 0.2877

Protanopia

74.2143, 0.2887, 0.2944

Deuteranopia

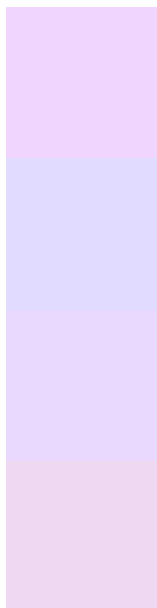
74.1216, 0.2978, 0.2920



Tritanopia

73.6284, 0.3150, 0.3104

Trichromacy



Original Color

73.8384, 0.3041, 0.2877

Protanomaly

73.8906, 0.2939, 0.2917

Deuteranomaly

74.2739, 0.3006, 0.2913

Tritanomaly

73.6997, 0.3111, 0.3023

Monochromacy



Original Color

73.8384, 0.3041, 0.2877

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.3459, 0.3093, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8384, 0.3041, 0.2877 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(240, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 255)  
}
```

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(240, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.8384, 0.3041, 0.2877 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(240, 214, 255) }
```

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

```
.border{ border-color:rgb(240, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.8384, 0.3041, 0.2877$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 255) }
```

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

```
.background{ background-color: rgb(240,  
214, 255) }
```

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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