

Converting Colors

$Yxy(73.3624, 0.3112, 0.2975)$

Have a look what the booklet for
Yxy(73.3624, 0.3112, 0.2975)
contains.

Yxy(73.3865, 0.3113, 0.2975)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.3865, 0.3113, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	F1D6F5
RGB	241, 214, 245
RGB Percent	95%, 84%, 96%
CMY	0.0551, 0.1607, 0.0392
CMYK	0.02, 0.13, 0.00, 0.04
HSL	292°, 61%, 90%
HSV	292°, 13%, 96%
XYZ	76.7906, 73.3865, 96.5002
YIQ	225.6070, 6.1410, 15.3650

Conversions

Conversions Part 2

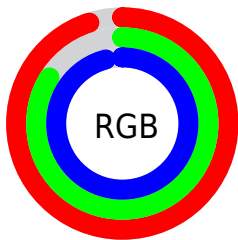
Format	Color
R _Y B	241, 214, 245
Decimal	15849205
CIE _{Lab}	88.63, 14.69, -11.71
CIE _{LCh}	89, 18.785, 321.431
Y _{xy}	73.3865, 0.3113, 0.2975
Android (android.graphics.Color)	4294039285 (0xFFFF1D6F5)
Y _{UV}	225.6070, 9.5607, 13.4997
Hunter-Lab	85.6659, 10.0914, -6.8223

Details

The Yxy color **73.3865, 0.3113, 0.2975** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.0748, 0.3138, 0.3621**, and the grayscale version is **75.6797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7847, 0.3108, 0.2898** is the 20% darker color. If you saturate the color by 10%, you get **61.3478, 0.3098, 0.2716**, and if you desaturate by 10%, it is **87.3065, 0.3125, 0.3226**.

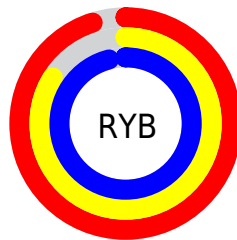
Distribution



Red (95%)

Green (84%)

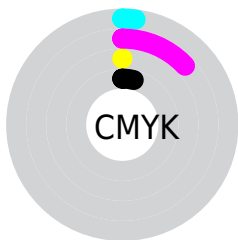
Blue (96%)



Red (95%)

Yellow (84%)

Blue (96%)

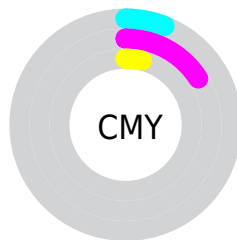


Cyan (2%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (6%)

Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3865, 0.3113, 0.2975 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 73.3865, 0.3113, 0.2975 by changing the saturation by 10% instead.


 73.3865, 0.3113,
0.2975

 73.3865, 0.3113,
0.2975


472.3533, 0.3121,
0.3117

 54.2921, 0.3111,
0.2943

124.0257, 0.3116,
0.3024

 38.8352, 0.3108,
0.2905


156.3393, 0.3117,
0.3043

 26.6316, 0.3104,
0.2857


193.8281, 0.3118,
0.3059

 17.2967, 0.3099,
0.2795

236.8764, 0.3119,
0.3074

 10.4463, 0.3091,
0.2712

285.8687, 0.3120,
0.3086

 5.6958, 0.3078,
0.2597

341.1893, 0.3120,

 2.6610, 0.3055,

0.3098

0.2425

403.2227, 0.3121,
0.3108

■ 0.9574, 0.3007,
0.2145

■ 0.0000, 0.2471,
0.0000

■ 73.3865, 0.3113,
0.2975

■ 73.3865, 0.3113,
0.2975

■ 61.3478, 0.3098,
0.2716

■ 87.3065, 0.3125,
0.3226

■ 51.0978, 0.3079,
0.2456

■ 97.9503, 0.3137,
0.3387

■ 42.5504, 0.3057,
0.2204

■ 98.5379, 0.3157,
0.3387

■ 35.6086, 0.3030,
0.1970

■ 99.1356, 0.3177,
0.3386

■ 30.1655, 0.3001,
0.1764

■ 99.3724, 0.3185,
0.3386

■ 26.1014, 0.2969,
0.1596

■ 23.2779, 0.2935,
0.1472

■ 21.5278, 0.2901,
0.1393

■ 20.7398, 0.2876,
0.1358

Harmonies

Analogous

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



73.3865, 0.2898, 0.2914



73.3865, 0.3113, 0.2975



73.3865, 0.3339, 0.3112

Triad

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



73.3865, 0.3113, 0.2975



73.3865, 0.3516, 0.3631



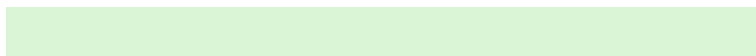
73.3865, 0.2757, 0.3266

Complementary

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



73.3865, 0.3113, 0.2975



85.0748, 0.3138, 0.3621

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.



73.3865, 0.2912, 0.3476



73.3865, 0.3113, 0.2975



73.3865, 0.3350, 0.3691

Square

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



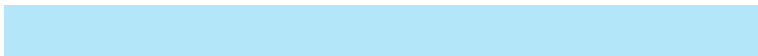
73.3865, 0.3113, 0.2975



73.3865, 0.3576, 0.3484



73.3865, 0.3129, 0.3635



73.3865, 0.2698, 0.3072

Rectangle

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



73.3865, 0.3113, 0.2975



73.3865, 0.3463, 0.3232



73.3865, 0.3129, 0.3635



73.3865, 0.2799, 0.3337

Sweetspot

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



73.3897, 0.3113, 0.2975



93.4122, 0.3123, 0.3192



71.1142, 0.2927, 0.3002



19.7371, 0.3122, 0.3174



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.



73.3897, 0.3113, 0.2975



77.0420, 0.3110, 0.2914



73.4366, 0.3219, 0.3090



16.6521, 0.3117, 0.3055



11.2168, 0.2881, 0.1361



1.0158, 0.2925, 0.1385

Inverse Universe

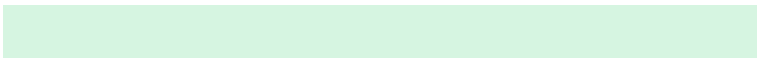
The Inverse Universe completely reimagines the original color for something new.



72.5822, 0.3329, 0.3249



76.0171, 0.3374, 0.3240



85.0595, 0.3045, 0.3499



16.5177, 0.3273, 0.3259



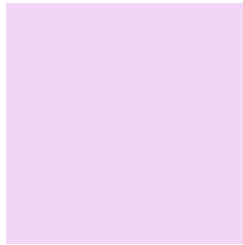
10.5251, 0.6233, 0.3208



0.9359, 0.5954, 0.3053

Previews

White Background



This preview shows how the Yxy color 73.3865, 0.3113, 0.2975 looks on a white background.

Color Contrast Check

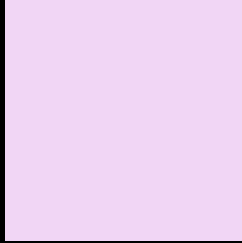
Large Text (above 18pt) WCAG AA × Fail

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 73.3865, 0.3113, 0.2975 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 73.3865, 0.3113, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 73.3865, 0.3113, 0.2975.



This preview shows how white text looks on a background with the Yxy color 73.3865, 0.3113, 0.2975.

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

73.3865, 0.3113, 0.2975

Protanopia

73.6125, 0.2936, 0.2995

Deuteranopia

73.1967, 0.3063, 0.2991



Tritanopia

73.3456, 0.3179, 0.3114

Trichromacy



Original Color

73.3865, 0.3113, 0.2975

Protanomaly

73.2510, 0.2996, 0.2978

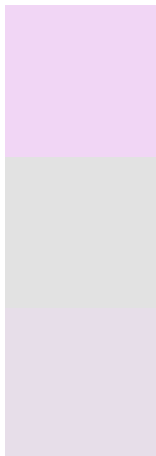
Deuteranomaly

73.1980, 0.3085, 0.2982

Tritanomaly

73.2406, 0.3159, 0.3064

Monochromacy



Original Color

73.3865, 0.3113, 0.2975

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.1147, 0.3119, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3865, 0.3113, 0.2975 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(241, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(241, 214, 245)  
}
```

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(241, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 214, 245) }
```

Border

The CSS property to change the border of an element to Yxy 73.3865, 0.3113, 0.2975 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(241, 214, 245) }
```

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

```
.border{ border-color:rgb(241, 214, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 214, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(241, 214,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3865, 0.3113, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 214, 245) }
```

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

```
.background{ background-color: rgb(241,  
214, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor