

Converting Colors

Yxy(73.9811, 0.3142, 0.2842)

Have a look what the booklet for
Yxy(73.9811, 0.3142, 0.2842)
contains.

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Color

Yxy(73.8918, 0.3141, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	FED1FF
RGB	254, 209, 255
RGB Percent	100%, 82%, 100%
CMY	0.0039, 0.1804, 0.0000
CMYK	0.00, 0.18, 0.00, 0.00
HSL	299°, 100%, 91%
HSV	299°, 18%, 100%
XYZ	81.7233, 73.8918, 104.5673
YIQ	227.6990, 12.0540, 23.8460

Conversions

Conversions Part 2

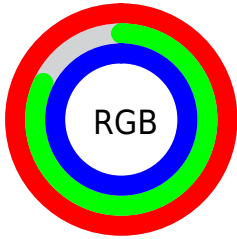
Format	Color
RYB	254, 209, 255
Decimal	16699903
CIELab	88.87, 23.42, -16.51
CIELCh	89, 28.654, 324.819
Yxy	73.8918, 0.3141, 0.2840
Android (android.graphics.Color)	4294889983 (0xFF FED1FF)
YUV	227.6990, 13.4594, 23.0660
Hunter-Lab	85.9603, 19.2710, -11.9517

Details

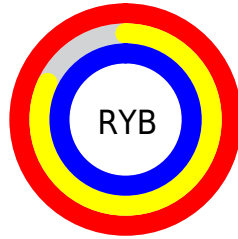
The Yxy color **73.8918, 0.3141, 0.2840** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.8266, 0.3110, 0.3783**, and the grayscale version is **77.2467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0587, 0.3143, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **62.2622, 0.3148, 0.2587**, and if you desaturate by 10%, it is **87.5299, 0.3133, 0.3092**.

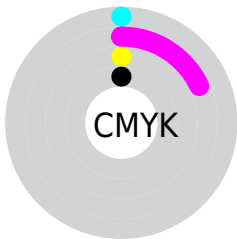
Distribution



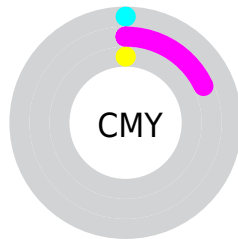
- Red (100%)
- Green (82%)
- Blue (100%)



- Red (100%)
- Yellow (82%)
- Blue (100%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8918, 0.3141, 0.2840 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 73.8918, 0.3141, 0.2840 by changing the saturation by 10% instead.


 73.8918, 0.3141,
0.2840

 73.8918, 0.3141,
0.2840


474.0999, 0.3138,
0.3040

 54.7055, 0.3141,
0.2796


124.7424, 0.3140,
0.2908

 39.1660, 0.3141,
0.2743


157.1755, 0.3140,
0.2935

 26.8889, 0.3140,
0.2677


194.7930, 0.3140,
0.2958

 17.4898, 0.3138,
0.2594

237.9792, 0.3139,
0.2978

 10.5843, 0.3134,
0.2484

287.1186, 0.3139,
0.2996

 5.7881, 0.3126,
0.2334


342.5956, 0.3139,


 2.7166, 0.3108,


0.3012

0.2118


404.7946, 0.3138,
0.3027


 0.9856, 0.3064,
0.1782


 0.0000, 0.3077,
0.0000

 73.8918, 0.3141,
0.2840

 73.8918, 0.3141,
0.2840

 62.2622, 0.3148,
0.2587

 87.5299, 0.3133,
0.3092

 52.5375, 0.3154,
0.2342

100.0000, 0.3127,
0.3290

 44.6178, 0.3159,
0.2115

 38.3906, 0.3162,
0.1915

■ 33.7308, 0.3163,
0.1752

■ 30.4963, 0.3162,
0.1631

■ 28.5189, 0.3159,
0.1554

■ 27.5707, 0.3155,
0.1516

■ 27.4419, 0.3154,
0.1511

Harmonies

Analogous

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



73.8918, 0.2811, 0.2734



73.8918, 0.3141, 0.2840



73.8918, 0.3484, 0.3050

Triad

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



73.8918, 0.3141, 0.2840



73.8918, 0.3694, 0.3821



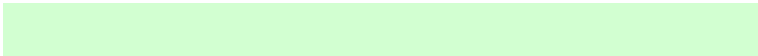
73.8918, 0.2553, 0.3209

Complementary

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



73.8918, 0.3141, 0.2840



89.8266, 0.3110, 0.3783

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.



73.8918, 0.2767, 0.3541



73.8918, 0.3141, 0.2840



73.8918, 0.3424, 0.3906

Square

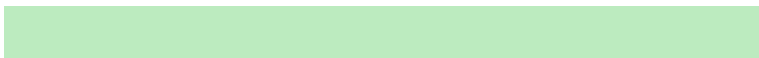
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



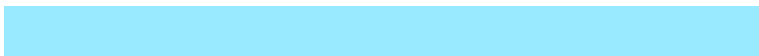
73.8918, 0.3141, 0.2840



73.8918, 0.3812, 0.3601



73.8918, 0.3084, 0.3806



73.8918, 0.2486, 0.2925

Rectangle

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



73.8918, 0.3141, 0.2840



73.8918, 0.3667, 0.3228



73.8918, 0.3084, 0.3806



73.8918, 0.2610, 0.3319

Sweetspot

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



73.8946, 0.3141, 0.2840



92.0806, 0.3131, 0.3168



67.1363, 0.2829, 0.2813



19.4799, 0.3132, 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.



73.8946, 0.3141, 0.2840



69.0499, 0.3144, 0.2740



72.7780, 0.3298, 0.3045



18.2790, 0.3135, 0.3056



14.3481, 0.3155, 0.1512



1.4032, 0.3161, 0.1515

Inverse Universe

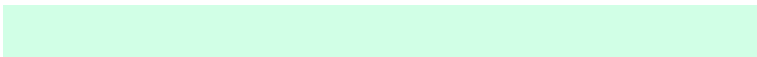
The Inverse Universe completely reimagines the original color for something new.



71.5176, 0.3472, 0.3281



66.2367, 0.3568, 0.3279



90.8159, 0.2985, 0.3548



17.9935, 0.3291, 0.3285



11.1179, 0.6379, 0.3288



1.0847, 0.6326, 0.3259

Previews

White Background



This preview shows how the Yxy color 73.8918, 0.3141, 0.2840 looks on a white background.

Color Contrast Check

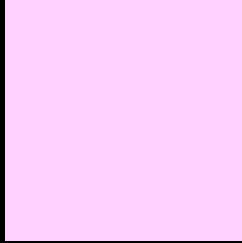
Large Text (above 18pt) WCAG AA × Fail

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 73.8918, 0.3141, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

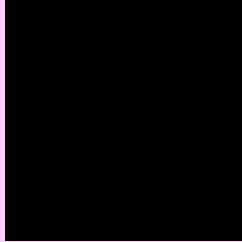
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.8918, 0.3141, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 73.8918, 0.3141, 0.2840.



This preview shows how white text looks on a background with the Yxy color 73.8918, 0.3141, 0.2840.

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

73.8918, 0.3141, 0.2840

Protanopia

74.2143, 0.2887, 0.2944

Deuteranopia

74.2236, 0.2991, 0.2931



Tritanopia

73.6257, 0.3282, 0.3118

Trichromacy



Original Color

73.8918, 0.3141, 0.2840



Protanomaly

73.6687, 0.2972, 0.2900



Deuteranomaly

74.1074, 0.3040, 0.2896



Tritanomaly

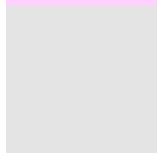
73.8282, 0.3227, 0.3020

Monochromacy



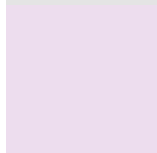
Original Color

73.8918, 0.3141, 0.2840



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

75.8905, 0.3128, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8918, 0.3141, 0.2840 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(254, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 209, 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(254, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.8918, 0.3141, 0.2840 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(254, 209, 255) }
```

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

```
.border{ border-color:rgb(254, 209, 255) }
```

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

Here you see how a box with a 4 pixel rgb(254, 209, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8918, 0.3141, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 209, 255) }
```

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

```
.background{ background-color: rgb(254,  
209, 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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