

Converting Colors

$Y_{xy}(74.2196, 0.3121, 0.2854)$

Have a look what the booklet for
Yxy(74.2196, 0.3121, 0.2854)
contains.

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Color

Yxy(74.3178, 0.3119, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	FBD3FF
RGB	251, 211, 255
RGB Percent	98%, 83%, 100%
CMY	0.0156, 0.1726, 0.0000
CMYK	0.02, 0.17, 0.00, 0.00
HSL	295°, 100%, 91%
HSV	295°, 17%, 100%
XYZ	81.1331, 74.3178, 104.6744
YIQ	227.9760, 9.7160, 22.1640

Conversions

Conversions Part 2

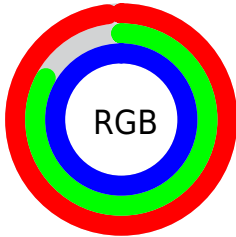
Format	Color
R _Y B	251, 211, 255
Decimal	16503807
CIE Lab	89.07, 21.41, -16.23
CIE LCh	89, 26.862, 322.830
Yxy	74.3178, 0.3119, 0.2857
Android (android.graphics.Color)	4294693887 (0xFFFFBD3FF)
YUV	227.9760, 13.3228, 20.1920
Hunter-Lab	86.2078, 17.1289, -11.6451

Details

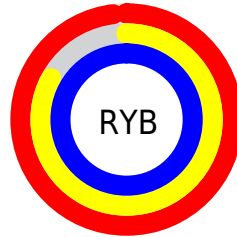
The Yxy color $74.3178, 0.3119, 0.2857$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.6658, 0.3130, 0.3757$, and the grayscale version is $77.4635, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.3235, 0.3115, 0.2763$ is the 20% darker color. If you saturate the color by 10%, you get $62.2146, 0.3111, 0.2599$, and if you desaturate by 10%, it is $88.4423, 0.3125, 0.3111$.

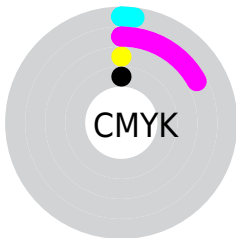
Distribution



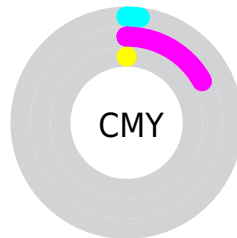
- Red (98%)
- Green (83%)
- Blue (100%)



- Red (98%)
- Yellow (83%)
- Blue (100%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3178, 0.3119, 0.2857 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 74.3178, 0.3119, 0.2857 by changing the saturation by 10% instead.


 74.3178, 0.3119,
0.2857

 74.3178, 0.3119,
0.2857


475.5695, 0.3126,
0.3050

 55.0542, 0.3117,
0.2815

125.3462, 0.3122,
0.2922

 39.4451, 0.3114,
0.2764


157.8798, 0.3123,
0.2948

 27.1062, 0.3110,
0.2700


195.6055, 0.3123,
0.2971

 17.6530, 0.3104,
0.2619

238.9077, 0.3124,
0.2990

 10.7011, 0.3095,
0.2513

288.1708, 0.3125,
0.3008

 5.8662, 0.3079,
0.2367

343.7792, 0.3125,

 2.7639, 0.3050,

0.3023

0.2157

406.1173, 0.3125,
0.3037

1.0098, 0.2989,
0.1829

0.0000, 0.2933,
0.0000

74.3178, 0.3119,
0.2857

74.3178, 0.3119,
0.2857

62.2146, 0.3111,
0.2599

88.4423, 0.3125,
0.3111

52.0286, 0.3100,
0.2345

99.9999, 0.3127,
0.3290

43.6607, 0.3087,
0.2106

36.9993, 0.3070,
0.1891

■ 31.9206, 0.3051,
0.1710

■ 28.2837, 0.3030,
0.1571

■ 25.9232, 0.3008,
0.1477

■ 24.6255, 0.2985,
0.1425

■ 24.3675, 0.2978,
0.1414

Harmonies

Analogous

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



74.3178, 0.2814, 0.2765



74.3178, 0.3119, 0.2857



74.3178, 0.3441, 0.3050

Triad

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



74.3178, 0.3119, 0.2857



74.3178, 0.3671, 0.3778



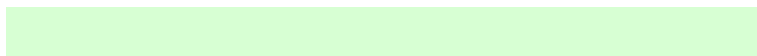
74.3178, 0.2598, 0.3235

Complementary

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



74.3178, 0.3119, 0.2857



90.6658, 0.3130, 0.3757

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.



74.3178, 0.2808, 0.3544



74.3178, 0.3119, 0.2857



74.3178, 0.3426, 0.3865

Square

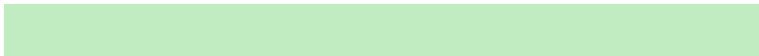
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3178, 0.3119, 0.2857



74.3178, 0.3769, 0.3568



74.3178, 0.3109, 0.3783



74.3178, 0.2525, 0.2964

Rectangle

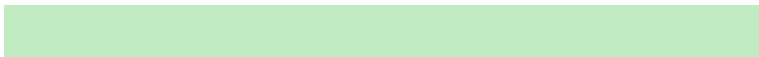
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3178, 0.3119, 0.2857



74.3178, 0.3618, 0.3216



74.3178, 0.3109, 0.3783



74.3178, 0.2654, 0.3339

Sweetspot

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



74.3210, 0.3119, 0.2857



91.9153, 0.3125, 0.3168



69.8727, 0.2845, 0.2868



19.4396, 0.3125, 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.



74.3210, 0.3119, 0.2857



69.5570, 0.3116, 0.2760



73.9853, 0.3269, 0.3028



18.2120, 0.3123, 0.3055



12.7671, 0.2982, 0.1417



1.2665, 0.3010, 0.1432

Inverse Universe

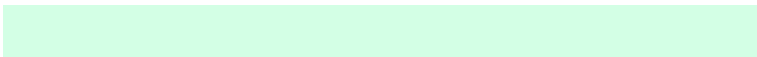
The Inverse Universe completely reimagines the original color for something new.



72.7526, 0.3431, 0.3251



67.7138, 0.3514, 0.3241



91.0028, 0.3007, 0.3568



18.0137, 0.3280, 0.3269



11.1502, 0.6302, 0.3246



1.0943, 0.6105, 0.3137

Previews

White Background



This preview shows how the Yxy color 74.3178, 0.3119, 0.2857 looks on a white background.

Color Contrast Check

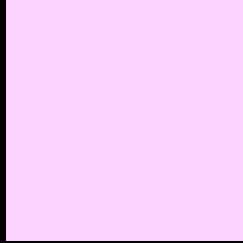
Large Text (above 18pt) WCAG AA × Fail

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 74.3178, 0.3119, 0.2857 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 74.3178, 0.3119, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 74.3178, 0.3119, 0.2857.

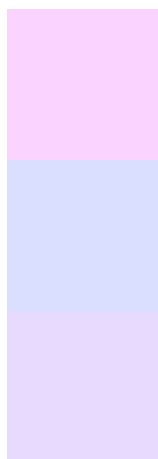


This preview shows how white text looks on a background with the Yxy color 74.3178, 0.3119, 0.2857.

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

74.3178, 0.3119, 0.2857

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

74.4544, 0.2992, 0.2922



Tritanopia

74.3835, 0.3252, 0.3118

Trichromacy



Original Color

74.3178, 0.3119, 0.2857

Protanomaly

74.1858, 0.2972, 0.2911

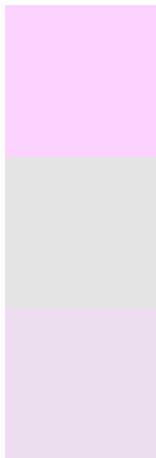
Deuteranomaly

74.1074, 0.3040, 0.2896

Tritanomaly

74.5241, 0.3205, 0.3029

Monochromacy



Original Color

74.3178, 0.3119, 0.2857

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.2485, 0.3121, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3178, 0.3119, 0.2857 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(251, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 211, 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(251, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.3178, 0.3119, 0.2857 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(251, 211, 255) }
```

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

```
.border{ border-color:rgb(251, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3178, 0.3119, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 211, 255) }
```

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

```
.background{ background-color: rgb(251,  
211, 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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