

Converting Colors

$Y_{xy}(71.5597, 0.3109, 0.2805)$

Have a look what the booklet for
Yxy(71.5597, 0.3109, 0.2805)
contains.

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Color

Yxy(71.5024, 0.3106, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	F9CEFF
RGB	249, 206, 255
RGB Percent	98%, 81%, 100%
CMY	0.0237, 0.1921, 0.0000
CMYK	0.02, 0.19, 0.00, 0.00
HSL	293°, 100%, 90%
HSV	293°, 19%, 100%
XYZ	79.1752, 71.5024, 104.2329
YIQ	224.4430, 9.8990, 24.3550

Conversions

Conversions Part 2

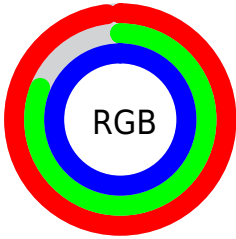
Format	Color
R _Y B	249, 206, 255
Decimal	16371455
CIE Lab	87.73, 23.35, -18.27
CIE LCh	88, 29.649, 321.962
Yxy	71.5024, 0.3106, 0.2805
Android (android.graphics.Color)	4294561535 (0xFFFF9CEFF)
YUV	224.4430, 15.0646, 21.5365
Hunter-Lab	84.5591, 19.1565, -13.8933

Details

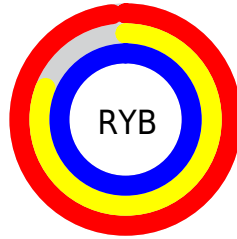
The Yxy color **71.5024, 0.3106, 0.2805** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.9829, 0.3140, 0.3814**, and the grayscale version is **74.7588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4169, 0.3098, 0.2696** is the 20% darker color. If you saturate the color by 10%, you get **59.6326, 0.3090, 0.2545**, and if you desaturate by 10%, it is **85.3798, 0.3118, 0.3062**.

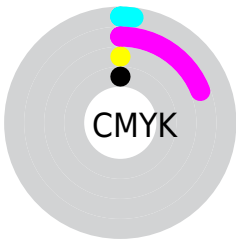
Distribution



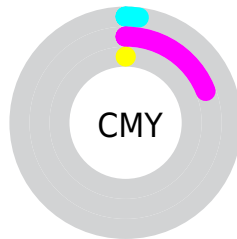
- Red (98%)
- Green (81%)
- Blue (100%)



- Red (98%)
- Yellow (81%)
- Blue (100%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5024, 0.3106, 0.2805 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 71.5024, 0.3106, 0.2805 by changing the saturation by 10% instead.


 71.5024, 0.3106,
0.2805

 71.5024, 0.3106,
0.2805


465.8078, 0.3119,
0.3021

 52.7523, 0.3102,
0.2758


121.3488, 0.3111,
0.2878

 37.6051, 0.3097,
0.2700


153.2139, 0.3113,
0.2907

 25.6763, 0.3090,
0.2628


190.2195, 0.3115,
0.2933

 16.5816, 0.3080,
0.2537

232.7498, 0.3116,
0.2955

 9.9367, 0.3065,
0.2418

281.1895, 0.3117,
0.2974

 5.3570, 0.3041,
0.2254

335.9228, 0.3118,

 2.4582, 0.2998,

0.2992

0.2017

397.3341, 0.3119,
0.3007

0.8556, 0.2908,
0.1650

0.0000, 0.2480,
0.0000

71.5024, 0.3106,
0.2805

71.5024, 0.3106,
0.2805

59.6326, 0.3090,
0.2545

85.3798, 0.3118,
0.3062

49.6652, 0.3071,
0.2289

99.9998, 0.3127,
0.3290

41.4994, 0.3047,
0.2048

35.0215, 0.3021,
0.1833

■ 30.1045, 0.2992,
0.1653

■ 26.6037, 0.2960,
0.1515

■ 24.3472, 0.2928,
0.1423

■ 23.0762, 0.2896,
0.1371

■ 22.9924, 0.2894,
0.1368

Harmonies

Analogous

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



71.5024, 0.2768, 0.2706



71.5024, 0.3106, 0.2805



71.5024, 0.3468, 0.3015

Triad

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



71.5024, 0.3106, 0.2805



71.5024, 0.3740, 0.3827



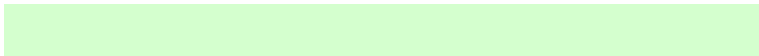
71.5024, 0.2543, 0.3236

Complementary

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



71.5024, 0.3106, 0.2805



89.9829, 0.3140, 0.3814

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.



71.5024, 0.2779, 0.3584



71.5024, 0.3106, 0.2805



71.5024, 0.3469, 0.3935

Square

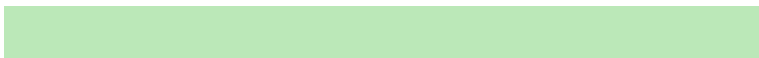
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5024, 0.3106, 0.2805



71.5024, 0.3845, 0.3588



71.5024, 0.3116, 0.3850



71.5024, 0.2458, 0.2931

Rectangle

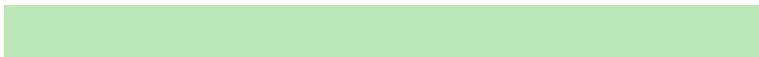
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5024, 0.3106, 0.2805



71.5024, 0.3669, 0.3197



71.5024, 0.3116, 0.3850



71.5024, 0.2606, 0.3353

Sweetspot

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



71.5055, 0.3106, 0.2805



90.2674, 0.3122, 0.3143



67.7096, 0.2811, 0.2833



19.1041, 0.3121, 0.3126



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.



71.5055, 0.3106, 0.2805



66.7711, 0.3100, 0.2706



71.5306, 0.3276, 0.2981



18.1800, 0.3118, 0.3054



12.0591, 0.2899, 0.1371



1.2047, 0.2936, 0.1391

Inverse Universe

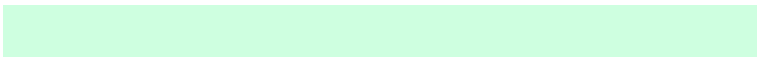
The Inverse Universe completely reimagines the original color for something new.



70.1707, 0.3461, 0.3229



65.2378, 0.3546, 0.3217



90.0245, 0.3003, 0.3621



18.0235, 0.3275, 0.3261



11.1731, 0.6250, 0.3216



1.0989, 0.6006, 0.3082

Previews

White Background



This preview shows how the Yxy color 71.5024, 0.3106, 0.2805 looks on a white background.

Color Contrast Check

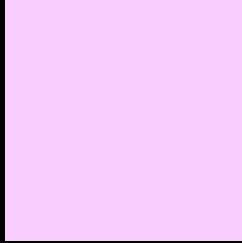
Large Text (above 18pt) WCAG AA × Fail

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 71.5024, 0.3106, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

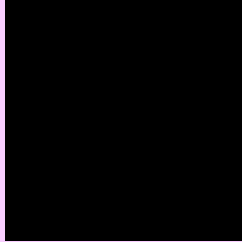
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5024, 0.3106, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 71.5024, 0.3106, 0.2805.

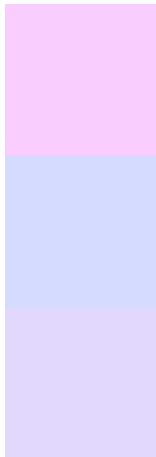


This preview shows how white text looks on a background with the Yxy color 71.5024, 0.3106, 0.2805.

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

71.5024, 0.3106, 0.2805

Protanopia

72.0292, 0.2860, 0.2909

Deuteranopia

71.8615, 0.2957, 0.2895



Tritanopia

71.5471, 0.3268, 0.3126

Trichromacy



Original Color

71.5024, 0.3106, 0.2805

Protanomaly

71.4819, 0.2945, 0.2865

Deuteranomaly

71.7351, 0.3006, 0.2861

Tritanomaly

71.3082, 0.3207, 0.3005

Monochromacy



Original Color

71.5024, 0.3106, 0.2805

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

72.9475, 0.3122, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5024, 0.3106, 0.2805 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(249, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 206, 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(249, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 206, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.5024, 0.3106, 0.2805 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(249, 206, 255) }
```

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

```
.border{ border-color:rgb(249, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 206,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5024, 0.3106, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 206, 255) }
```

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

```
.background{ background-color: rgb(249,  
206, 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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