

Converting Colors

$Y_{xy}(71.3689, 0.3119, 0.2824)$

Have a look what the booklet for
Yxy(71.3689, 0.3119, 0.2824)
contains.

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Color

Yxy(71.3742, 0.3120, 0.2823)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F9CEFD |
| RGB | 249, 206, 253 |
| RGB Percent | 98%, 81%, 99% |
| CMY | 0.0234, 0.1922, 0.0077 |
| CMYK | 0.02, 0.19, 0.00, 0.01 |
| HSL | 295°, 92%, 90% |
| HSV | 295°, 19%, 99% |
| XYZ | 78.8833, 71.3742, 102.5735 |
| YIQ | 224.2150, 10.5410, 23.7330 |

Conversions

Conversions Part 2

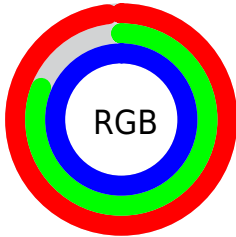
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 249, 206, 253 |
| Decimal | 16371453 |
| CIE Lab | 87.67, 23.04, -17.32 |
| CIE LCh | 88, 28.827, 323.060 |
| Yxy | 71.3742, 0.3120, 0.2823 |
| Android (android.graphics.Color) | 4294561533 (0xFFF9CEFD) |
| YUV | 224.2150, 14.1910, 21.7364 |
| Hunter-Lab | 84.4833, 18.8224, -12.8474 |

Details

The Yxy color **71.3742, 0.3120, 0.2823** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.4241, 0.3128, 0.3797**, and the grayscale version is **74.5992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3252, 0.3116, 0.2719** is the 20% darker color. If you saturate the color by 10%, you get **59.7684, 0.3113, 0.2566**, and if you desaturate by 10%, it is **84.9517, 0.3125, 0.3078**.

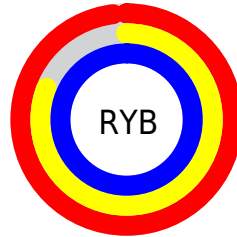
Distribution



Red (98%)

Green (81%)

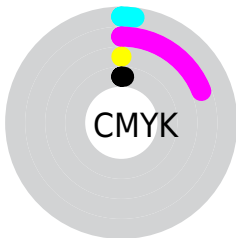
Blue (99%)



Red (98%)

Yellow (81%)

Blue (99%)

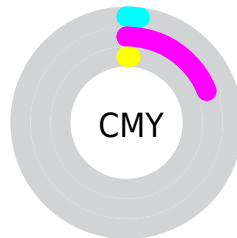


Cyan (2%)

Magenta (19%)

Yellow (0%)

Black (1%)



Cyan (2%)


Magenta (19%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3742, 0.3120, 0.2823 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 71.3742, 0.3120, 0.2823 by changing the saturation by 10% instead.


 71.3742, 0.3120,
0.2823

 71.3742, 0.3120,
0.2823


465.3605, 0.3127,
0.3032

 52.6476, 0.3118,
0.2777


121.1664, 0.3123,
0.2894

 37.5215, 0.3115,
0.2721


153.0008, 0.3124,
0.2922

 25.6116, 0.3110,
0.2652


189.9733, 0.3125,
0.2946

 16.5333, 0.3103,
0.2564

232.4682, 0.3125,
0.2967

 9.9023, 0.3093,
0.2448

280.8700, 0.3126,
0.2986

 5.3342, 0.3075,
0.2288

335.5631, 0.3126,

 2.4447, 0.3041,

0.3003

0.2057

396.9317, 0.3126,
0.3018

0.8487, 0.2969,
0.1694

0.0000, 0.2542,
0.0000

71.3742, 0.3120,
0.2823

71.3742, 0.3120,
0.2823

59.7684, 0.3113,
0.2566

84.9517, 0.3125,
0.3078

50.0314, 0.3103,
0.2314

99.5593, 0.3128,
0.3309

42.0648, 0.3091,
0.2078

99.8739, 0.3138,
0.3309

35.7578, 0.3076,
0.1869

■ 30.9867, 0.3058,
0.1694

■ 27.6110, 0.3038,
0.1562

■ 25.4640, 0.3018,
0.1474

■ 24.3084, 0.2996,
0.1428

■ 24.1807, 0.2993,
0.1422

Harmonies

Analogous

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



71.3742, 0.2789, 0.2722



71.3742, 0.3120, 0.2823



71.3742, 0.3471, 0.3031

Triad

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



71.3742, 0.3120, 0.2823



71.3742, 0.3716, 0.3820



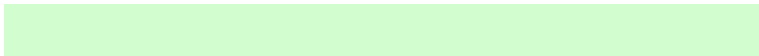
71.3742, 0.2552, 0.3226

Complementary

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



71.3742, 0.3120, 0.2823



88.4241, 0.3128, 0.3797

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.



71.3742, 0.2778, 0.3564



71.3742, 0.3120, 0.2823



71.3742, 0.3448, 0.3917

Square

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



71.3742, 0.3120, 0.2823



71.3742, 0.3825, 0.3591



71.3742, 0.3104, 0.3827



71.3742, 0.2475, 0.2932

Rectangle

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



71.3742, 0.3120, 0.2823



71.3742, 0.3663, 0.3210



71.3742, 0.3104, 0.3827



71.3742, 0.2612, 0.3339

Sweetspot

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



71.3773, 0.3120, 0.2823



90.3786, 0.3126, 0.3143



66.6481, 0.2821, 0.2832



19.1305, 0.3125, 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.



71.3773, 0.3120, 0.2823



68.3902, 0.3118, 0.2735



70.9769, 0.3282, 0.3007



18.2175, 0.3124, 0.3055



12.8913, 0.2997, 0.1424



1.2773, 0.3022, 0.1439

Inverse Universe

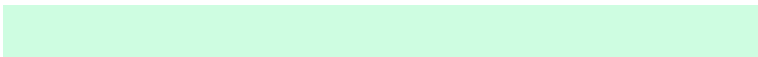
The Inverse Universe completely reimagines the original color for something new.



69.6759, 0.3462, 0.3250



66.4039, 0.3540, 0.3242



88.8163, 0.2998, 0.3592



18.0121, 0.3281, 0.3270



11.1468, 0.6310, 0.3250



1.0935, 0.6122, 0.3146

Previews

White Background



This preview shows how the Yxy color 71.3742, 0.3120, 0.2823 looks on a white background.

Color Contrast Check

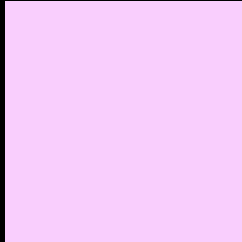
Large Text (above 18pt) WCAG AA × Fail

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 71.3742, 0.3120, 0.2823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

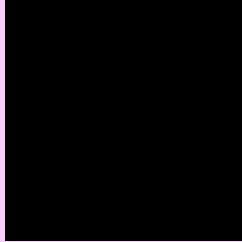
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3742, 0.3120, 0.2823

Background



This preview shows how black text looks on a background with the Yxy color 71.3742, 0.3120, 0.2823.



This preview shows how white text looks on a background with the Yxy color 71.3742, 0.3120, 0.2823.

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

71.3742, 0.3120, 0.2823

Protanopia

71.5089, 0.2860, 0.2898

Deuteranopia

71.2269, 0.2970, 0.2905



Tritanopia

71.5471, 0.3268, 0.3126

Trichromacy



Original Color

71.3742, 0.3120, 0.2823

Protanomaly

71.4176, 0.2951, 0.2875

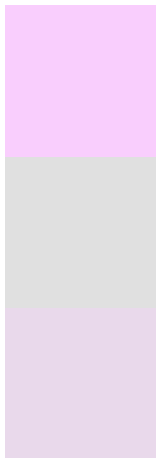
Deuteranomaly

71.1092, 0.3019, 0.2870

Tritanomaly

71.2499, 0.3214, 0.3015

Monochromacy



Original Color

71.3742, 0.3120, 0.2823

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 71.3742, 0.3120, 0.2823 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(249, 206, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 206, 253) }
```

Border

The CSS property to change the border of an element to Yxy 71.3742, 0.3120, 0.2823 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, 253) }
```

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

```
.border{ border-color:rgb(249, 206, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 206, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 206, 253);  
box-shadow:4px 4px 4px 4px rgb(249, 206,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3742, 0.3120, 0.2823 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, 253) }
```

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

```
.background{ background-color: rgb(249,  
206, 253) }
```

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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