

Converting Colors

$Yxy(71.0898, 0.3146, 0.2876)$

Have a look what the booklet for
Yxy(71.0898, 0.3146, 0.2876)
contains.

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Color

Yxy(71.3594, 0.3146, 0.2880)

Conversions

Conversions Part 1

Format	Color
Hex	F8CFF8
RGB	248, 207, 248
RGB Percent	97%, 81%, 97%
CMY	0.0277, 0.1881, 0.0275
CMYK	0.00, 0.17, 0.00, 0.03
HSL	300°, 75%, 89%
HSV	300°, 17%, 97%
XYZ	77.9502, 71.3594, 98.4661
YIQ	223.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

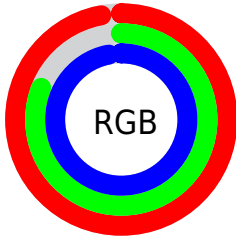
Format	Color
R _Y B	248, 207, 248
Decimal	16306168
CIE Lab	87.66, 21.21, -14.68
CIE LCh	88, 25.798, 325.306
Yxy	71.3594, 0.3146, 0.2880
Android (android.graphics.Color)	4294496248 (0xFF8CFF8)
YUV	223.9330, 11.8650, 21.1068
Hunter-Lab	84.4745, 16.8835, -9.9781

Details

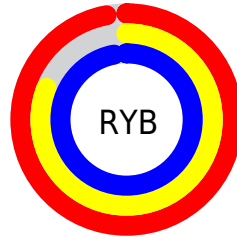
The Yxy color **71.3594, 0.3146, 0.2880** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.9149, 0.3107, 0.3737**, and the grayscale version is **74.3968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3386, 0.3142, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **60.2668, 0.3158, 0.2629**, and if you desaturate by 10%, it is **84.3455, 0.3134, 0.3131**.

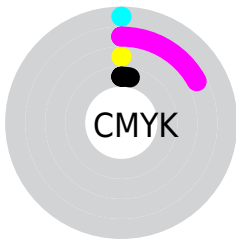
Distribution



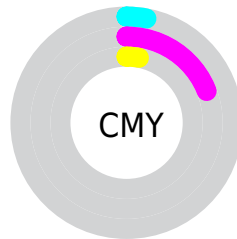
- Red (97%)
- Green (81%)
- Blue (97%)



- Red (97%)
- Yellow (81%)
- Blue (97%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3594, 0.3146, 0.2880 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 71.3594, 0.3146, 0.2880 by changing the saturation by 10% instead.


 71.3594, 0.3146,
0.2880

 71.3594, 0.3146,
0.2880

465.3088, 0.3140,
0.3064

 52.6355, 0.3147,
0.2839

121.1453, 0.3144,
0.2943

 37.5119, 0.3147,
0.2790


152.9762, 0.3144,
0.2967

 25.6041, 0.3148,
0.2728


189.9448, 0.3143,
0.2989

 16.5277, 0.3148,
0.2649

232.4357, 0.3142,
0.3008

 9.8983, 0.3146,
0.2544

280.8331, 0.3142,
0.3024

 5.3316, 0.3142,
0.2399

335.5215, 0.3141,

 2.4431, 0.3130,

0.3039

0.2187

396.8853, 0.3140,
0.3052

0.8479, 0.3095,
0.1846

0.0000, 0.2672,
0.0000

71.3594, 0.3146,
0.2880

71.3594, 0.3146,
0.2880

60.2668, 0.3158,
0.2629

84.3455, 0.3134,
0.3131

50.9705, 0.3169,
0.2384


98.2543, 0.3124,
0.3358

43.3788, 0.3179,
0.2157

98.2603, 0.3124,
0.3358

37.3883, 0.3188,
0.1956

98.2663, 0.3124,
0.3358


 32.8840, 0.3195,
0.1791


 98.2723, 0.3125,
0.3358

 29.7362, 0.3201,
0.1667

 98.2782, 0.3125,
0.3358

 27.7925, 0.3204,
0.1587

 98.2842, 0.3125,
0.3358

 26.8620, 0.3206,
0.1548

 98.2902, 0.3125,
0.3358

 26.6725, 0.3206,
0.1540

 98.2962, 0.3125,
0.3358

Harmonies

Analogous

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



71.3594, 0.2844, 0.2781



71.3594, 0.3146, 0.2880



71.3594, 0.3457, 0.3075

Triad

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



71.3594, 0.3146, 0.2880



71.3594, 0.3642, 0.3777



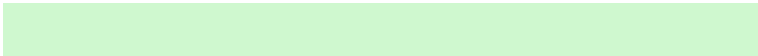
71.3594, 0.2600, 0.3213

Complementary

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



71.3594, 0.3146, 0.2880



84.9149, 0.3107, 0.3737

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.



71.3594, 0.2795, 0.3513



71.3594, 0.3146, 0.2880



71.3594, 0.3395, 0.3850

Square

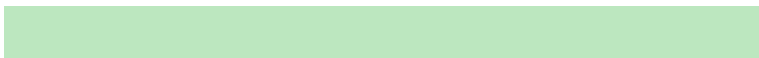
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3594, 0.3146, 0.2880



71.3594, 0.3750, 0.3581



71.3594, 0.3084, 0.3755



71.3594, 0.2541, 0.2955

Rectangle

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



71.3594, 0.3146, 0.2880



71.3594, 0.3622, 0.3239



71.3594, 0.3084, 0.3755



71.3594, 0.2652, 0.3313

Sweetspot

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



71.3625, 0.3146, 0.2880



92.1300, 0.3133, 0.3168



65.0184, 0.2857, 0.2850



19.4920, 0.3134, 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.



71.3625, 0.3146, 0.2880



71.6530, 0.3150, 0.2791



70.2077, 0.3286, 0.3074



17.5234, 0.3138, 0.3056



14.4098, 0.3206, 0.1540



1.3350, 0.3206, 0.1540

Inverse Universe

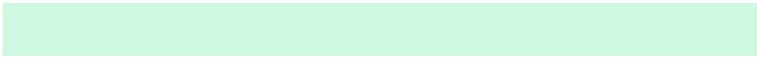
The Inverse Universe completely reimagines the original color for something new.



69.1046, 0.3443, 0.3290



68.8086, 0.3526, 0.3291



85.9372, 0.2993, 0.3517



17.2256, 0.3294, 0.3290



10.7810, 0.6399, 0.3299



0.9986, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 71.3594, 0.3146, 0.2880 looks on a white background.

Color Contrast Check

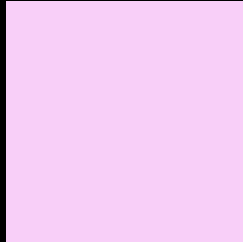
Large Text (above 18pt) WCAG AA × Fail

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 71.3594, 0.3146, 0.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

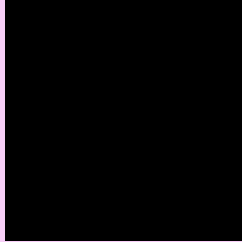
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3594, 0.3146, 0.2880

Background



This preview shows how black text looks on a background with the Yxy color 71.3594, 0.3146, 0.2880.



This preview shows how white text looks on a background with the Yxy color 71.3594, 0.3146, 0.2880.

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

71.3594, 0.3146, 0.2880

Protanopia

71.5089, 0.2860, 0.2898

Deuteranopia

71.4665, 0.3016, 0.2946



Tritanopia

71.5471, 0.3268, 0.3126

Trichromacy



Original Color

71.3594, 0.3146, 0.2880

Protanomaly

71.2902, 0.2963, 0.2895

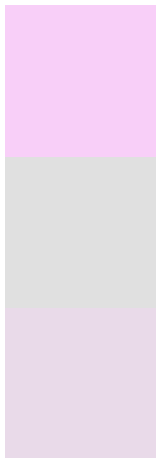
Deuteranomaly

71.1368, 0.3065, 0.2920

Tritanomaly

71.6842, 0.3220, 0.3035

Monochromacy



Original Color

71.3594, 0.3146, 0.2880

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.3496, 0.3135, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3594, 0.3146, 0.2880 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(248, 207, 248)` looks like.

```
.text, #text, p{  
    color:rgb(248, 207, 248)  
}
```

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(248, 207, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 207, 248) }
```

Border

The CSS property to change the border of an element to Yxy 71.3594, 0.3146, 0.2880 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(248, 207, 248) }
```

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

```
.border{ border-color:rgb(248, 207, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 207, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 207, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 207, 248);  
box-shadow:4px 4px 4px 4px rgb(248, 207,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3594, 0.3146, 0.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 207, 248) }
```

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

```
.background{ background-color: rgb(248,  
207, 248) }
```

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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