

Converting Colors

$Y_{xy}(80.5873, 0.3118, 0.3029)$

Have a look what the booklet for
Yxy(80.5873, 0.3118, 0.3029)
contains.

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Color

Yxy(80.7719, 0.3119, 0.3033)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8E1FB |
| RGB | 248, 225, 251 |
| RGB Percent | 97%, 88%, 98% |
| CMY | 0.0272, 0.1177, 0.0157 |
| CMYK | 0.01, 0.10, 0.00, 0.02 |
| HSL | 293°, 76%, 93% |
| HSV | 293°, 10%, 98% |
| XYZ | 83.0622, 80.7719, 102.4762 |
| YIQ | 234.8410, 5.3620, 12.9620 |

Conversions

Conversions Part 2

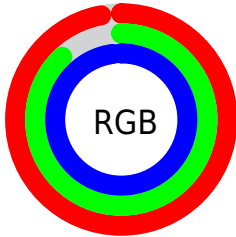
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 248, 225, 251 |
| Decimal | 16310779 |
| CIE Lab | 92.03, 12.39, -9.74 |
| CIE LCh | 92, 15.757, 321.824 |
| Yxy | 80.7719, 0.3119, 0.3033 |
| Android (android.graphics.Color) | 4294500859 (0xFF8E1FB) |
| YUV | 234.8410, 7.9664, 11.5404 |
| Hunter-Lab | 89.8732, 7.6943, -4.6931 |

Details

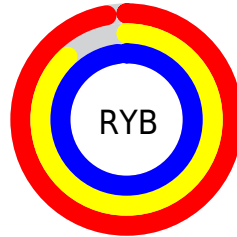
The Yxy color **80.7719, 0.3119, 0.3033** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.9115, 0.3133, 0.3558**, and the grayscale version is **82.8921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8510, 0.3124, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **67.6726, 0.3108, 0.2776**, and if you desaturate by 10%, it is **95.8808, 0.3127, 0.3281**.

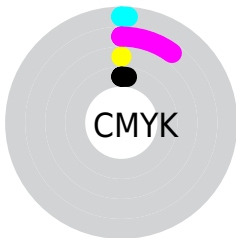
Distribution



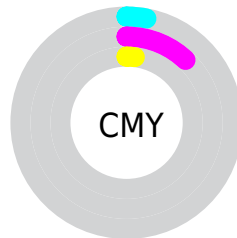
- Red (97%)
- Green (88%)
- Blue (98%)



- Red (97%)
- Yellow (88%)
- Blue (98%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)




- Cyan (3%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.7719, 0.3119, 0.3033 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 80.7719, 0.3119, 0.3033 by changing the saturation by 10% instead.

 80.7719, 0.3119,
0.3033

 80.7719, 0.3119,
0.3033

497.5304, 0.3124,
0.3147

 60.3538, 0.3118,
0.3008


134.4504, 0.3121,
0.3072

 43.7038, 0.3116,
0.2977


168.4796, 0.3121,
0.3087

 30.4377, 0.3114,
0.2939


207.8146, 0.3122,
0.3101

 20.1711, 0.3111,
0.2891

252.8398, 0.3122,
0.3112

 12.5195, 0.3106,
0.2827

303.9396, 0.3123,
0.3123

 7.0985, 0.3099,
0.2739

361.4983, 0.3123,

 3.5238, 0.3086,

0.3132

0.2609

425.9005, 0.3123,
0.3140

■ 1.4109, 0.3060,
0.2402

■ 0.2247, 0.3097,
0.1349

■ 80.7719, 0.3119,
0.3033

■ 80.7719, 0.3119,
0.3033

■ 67.6726, 0.3108,
0.2776

■ 95.8808, 0.3127,
0.3281

■ 56.4856, 0.3094,
0.2517

■ 99.5060, 0.3142,
0.3328

■ 47.1214, 0.3077,
0.2264

■ 99.7449, 0.3150,
0.3328

■ 39.4790, 0.3056,
0.2027

■ 33.4478, 0.3032,
0.1818

■ 28.9041, 0.3006,
0.1644

■ 25.7063, 0.2978,
0.1514

■ 23.6850, 0.2948,
0.1428

■ 22.5863, 0.2920,
0.1382

Harmonies

Analogous

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



80.7719, 0.2943, 0.2983



80.7719, 0.3119, 0.3033



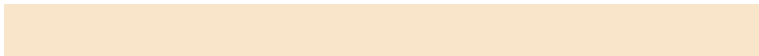
80.7719, 0.3302, 0.3147

Triad

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



80.7719, 0.3119, 0.3033



80.7719, 0.3442, 0.3569



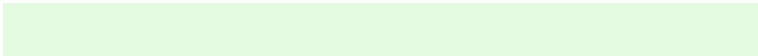
80.7719, 0.2824, 0.3270

Complementary

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



80.7719, 0.3119, 0.3033



90.9115, 0.3133, 0.3558

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.



80.7719, 0.2951, 0.3439



80.7719, 0.3119, 0.3033



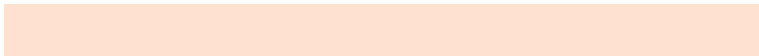
80.7719, 0.3307, 0.3614

Square

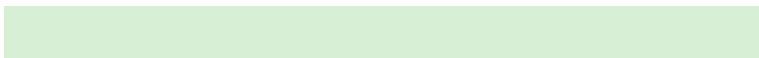
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



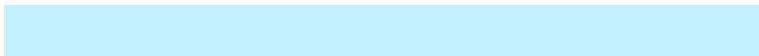
80.7719, 0.3119, 0.3033



80.7719, 0.3491, 0.3452



80.7719, 0.3127, 0.3567



80.7719, 0.2777, 0.3112

Rectangle

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



80.7719, 0.3119, 0.3033



80.7719, 0.3401, 0.3245



80.7719, 0.3127, 0.3567



80.7719, 0.2858, 0.3327

Sweetspot

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



80.7754, 0.3119, 0.3033



95.0519, 0.3125, 0.3217



78.4702, 0.2965, 0.3052



20.0690, 0.3124, 0.3197



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.



80.7754, 0.3119, 0.3033



81.3554, 0.3117, 0.2991



80.7057, 0.3204, 0.3131



17.4189, 0.3120, 0.3055



11.9133, 0.2925, 0.1385



1.1309, 0.2961, 0.1405

Inverse Universe

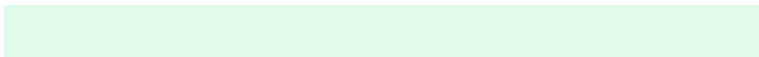
The Inverse Universe completely reimagines the original color for something new.



79.9509, 0.3291, 0.3261



80.3805, 0.3321, 0.3256



90.9943, 0.3057, 0.3454



17.2572, 0.3276, 0.3263



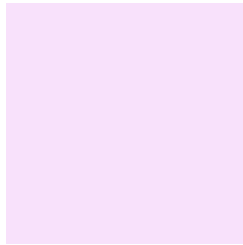
10.8360, 0.6266, 0.3225



1.0136, 0.6023, 0.3091

Previews

White Background



This preview shows how the Yxy color 80.7719, 0.3119, 0.3033 looks on a white background.

Color Contrast Check

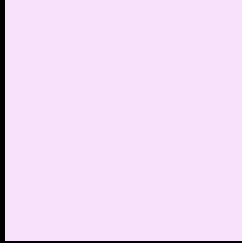
Large Text (above 18pt) WCAG AA × Fail

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 80.7719, 0.3119, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

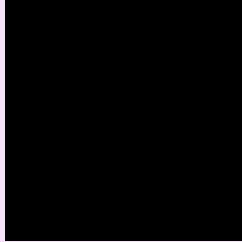
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

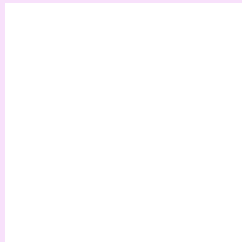
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.7719, 0.3119, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 80.7719, 0.3119, 0.3033.

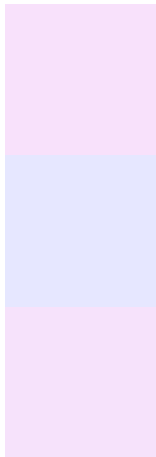


This preview shows how white text looks on a background with the Yxy color 80.7719, 0.3119, 0.3033.

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

80.7719, 0.3119, 0.3033

Protanopia

81.1948, 0.2973, 0.3046

Deuteranopia

80.9506, 0.3105, 0.3042



Tritanopia

80.6985, 0.3156, 0.3111

Trichromacy



Original Color

80.7719, 0.3119, 0.3033

Protanomaly

81.1989, 0.3025, 0.3039

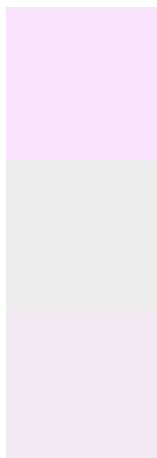
Deuteranomaly

81.1319, 0.3111, 0.3043

Tritanomaly

80.8823, 0.3137, 0.3081

Monochromacy



Original Color

80.7719, 0.3119, 0.3033

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.0280, 0.3125, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7719, 0.3119, 0.3033 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, 225, 251)` looks like.

```
.text, #text, p{  
    color:rgb(248, 225, 251)  
}
```

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, 225, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 225, 251) }
```

Border

The CSS property to change the border of an element to Yxy 80.7719, 0.3119, 0.3033 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, 225, 251) }
```

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

```
.border{ border-color:rgb(248, 225, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 225, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 225, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 225, 251);  
box-shadow:4px 4px 4px 4px rgb(248, 225,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7719, 0.3119, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 225, 251) }
```

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

```
.background{ background-color: rgb(248,  
225, 251) }
```

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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