

Converting Colors

Yxy(81.4611, 0.3080, 0.3042)

Have a look what the booklet for
Yxy(81.4611, 0.3080, 0.3042)
contains.

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Color

Yxy(81.7482, 0.3084, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	F4E4FC
RGB	244, 228, 252
RGB Percent	96%, 89%, 99%
CMY	0.0433, 0.1058, 0.0119
CMYK	0.03, 0.10, 0.00, 0.01
HSL	280°, 80%, 94%
HSV	280°, 10%, 99%
XYZ	82.6053, 81.7482, 103.4977
YIQ	235.5200, 1.8320, 10.8560

Conversions

Conversions Part 2

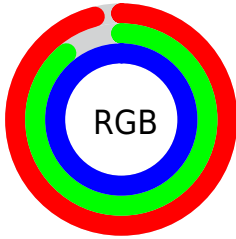
Format	Color
R _Y B	244, 228, 252
Decimal	16049404
CIE Lab	92.46, 9.64, -9.64
CIE LCh	92, 13.633, 314.998
Yxy	81.7482, 0.3084, 0.3052
Android (android.graphics.Color)	4294239484 (0xFF4E4FC)
YUV	235.5200, 8.1246, 7.4370
Hunter-Lab	90.4147, 4.8567, -4.5790

Details

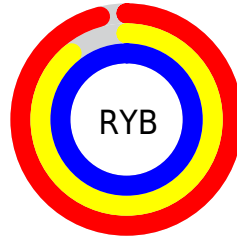
The Yxy color **81.7482, 0.3084, 0.3052** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.0488, 0.3166, 0.3532**, and the grayscale version is **83.4275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5186, 0.3079, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **67.4060, 0.3030, 0.2786**, and if you desaturate by 10%, it is **98.1870, 0.3129, 0.3302**.

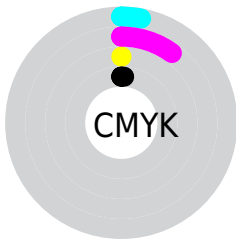
Distribution



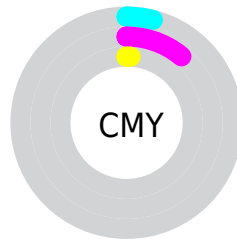
- Red (96%)
- Green (89%)
- Blue (99%)



- Red (96%)
- Yellow (89%)
- Blue (99%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)




- Cyan (4%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.7482, 0.3084, 0.3052 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 81.7482, 0.3084, 0.3052 by changing the saturation by 10% instead.


 81.7482, 0.3084,
0.3052

 81.7482, 0.3084,
0.3052

500.8050, 0.3104,
0.3158

 61.1580, 0.3079,
0.3029


135.8208, 0.3091,
0.3088

 44.3527, 0.3073,
0.3000


170.0721, 0.3094,
0.3102

 30.9479, 0.3066,
0.2965


209.6458, 0.3096,
0.3115

 20.5592, 0.3056,
0.2920

254.9263, 0.3098,
0.3125

 12.8022, 0.3043,
0.2861

306.2981, 0.3100,
0.3135

 7.2924, 0.3024,
0.2778

364.1456, 0.3102,

 3.6457, 0.2993,

0.3144

0.2658

428.8531, 0.3103,
0.3151

■ 1.4774, 0.2939,
0.2465

■ 0.2727, 0.2845,
0.1569

■ 81.7482, 0.3084,
0.3052

■ 81.7482, 0.3084,
0.3052

■ 67.4060, 0.3030,
0.2786

■ 98.1870, 0.3129,
0.3302

■ 55.0620, 0.2967,
0.2509

■ 99.8066, 0.3145,
0.3319

■ 44.6253, 0.2895,
0.2229

■ 35.9941, 0.2815,
0.1955

■ 29.0564, 0.2727,
0.1700

■ 23.6879, 0.2636,
0.1477

■ 19.7463, 0.2544,
0.1296

■ 17.0627, 0.2454,
0.1165

■ 15.3743, 0.2369,
0.1080

Harmonies

Analogous

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



81.7482, 0.2939, 0.3023



81.7482, 0.3084, 0.3052



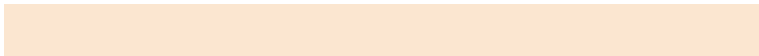
81.7482, 0.3244, 0.3140

Triad

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



81.7482, 0.3084, 0.3052



81.7482, 0.3415, 0.3513



81.7482, 0.2885, 0.3307

Complementary

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



81.7482, 0.3084, 0.3052



93.0488, 0.3166, 0.3532

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.



81.7482, 0.3007, 0.3447



81.7482, 0.3084, 0.3052



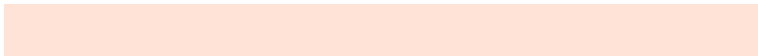
81.7482, 0.3314, 0.3567

Square

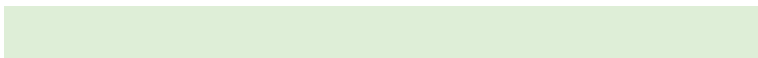
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7482, 0.3084, 0.3052



81.7482, 0.3438, 0.3402



81.7482, 0.3164, 0.3544



81.7482, 0.2827, 0.3166

Rectangle

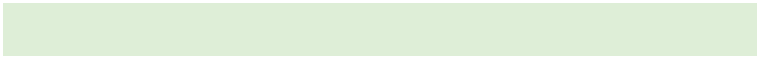
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7482, 0.3084, 0.3052



81.7482, 0.3337, 0.3222



81.7482, 0.3164, 0.3544



81.7482, 0.2920, 0.3356

Sweetspot

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



81.7517, 0.3084, 0.3052



94.7329, 0.3114, 0.3217



83.7508, 0.2979, 0.3131



19.9826, 0.3111, 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.



81.7517, 0.3084, 0.3052



81.6516, 0.3076, 0.3013



82.9926, 0.3161, 0.3090



17.2163, 0.3084, 0.3052



8.0566, 0.2378, 0.1084



0.8042, 0.2479, 0.1139

Inverse Universe

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



82.2507, 0.3241, 0.3211



82.2473, 0.3261, 0.3198



91.9071, 0.3095, 0.3498



17.3212, 0.3241, 0.3211



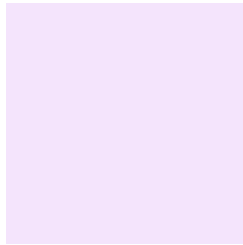
11.1419, 0.5638, 0.2879



1.0508, 0.5304, 0.2696

Previews

White Background



This preview shows how the Yxy color 81.7482, 0.3084, 0.3052 looks on a white background.

Color Contrast Check

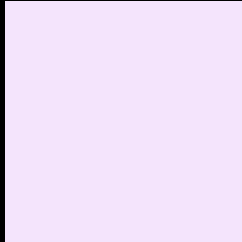
Large Text (above 18pt) WCAG AA × Fail

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 81.7482, 0.3084, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

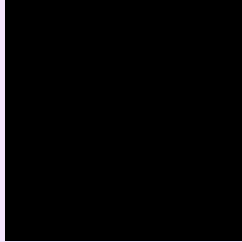
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

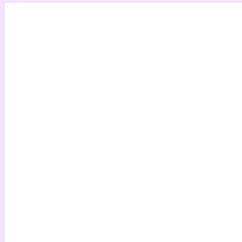
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.7482, 0.3084, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 81.7482, 0.3084, 0.3052.

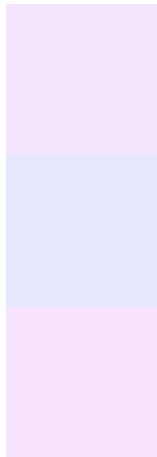


This preview shows how white text looks on a background with the Yxy color 81.7482, 0.3084, 0.3052.

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

81.7482, 0.3084, 0.3052

Protanopia

81.8579, 0.2986, 0.3067

Deuteranopia

81.7406, 0.3105, 0.3043



Tritanopia

81.8087, 0.3108, 0.3110

Trichromacy



Original Color

81.7482, 0.3084, 0.3052

Protanomaly

82.0765, 0.3024, 0.3068

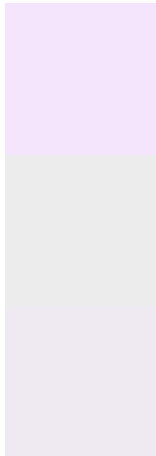
Deuteranomaly

81.5593, 0.3098, 0.3043

Tritanomaly

81.9329, 0.3096, 0.3090

Monochromacy



Original Color

81.7482, 0.3084, 0.3052

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.0394, 0.3111, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.7482, 0.3084, 0.3052 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(244, 228, 252)` looks like.

```
.text, #text, p{  
    color:rgb(244, 228, 252)  
}
```

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(244, 228, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 228, 252) }
```

Border

The CSS property to change the border of an element to Yxy 81.7482, 0.3084, 0.3052 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(244, 228, 252) }
```

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

```
.border{ border-color:rgb(244, 228, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 228, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 228, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 228, 252);  
box-shadow:4px 4px 4px 4px rgb(244, 228,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 81.7482, 0.3084, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 228, 252) }
```

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

```
.background{ background-color: rgb(244,  
228, 252) }
```

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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