

Converting Colors

$Yxy(82.9485, 0.3078, 0.3036)$

Have a look what the booklet for
Yxy(82.9485, 0.3078, 0.3036)
contains.

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Color

Yxy(82.8515, 0.3079, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	F6E5FF
RGB	246, 229, 255
RGB Percent	96%, 90%, 100%
CMY	0.0352, 0.1020, 0.0001
CMYK	0.04, 0.10, 0.00, 0.00
HSL	279°, 100%, 95%
HSV	279°, 10%, 100%
XYZ	84.0803, 82.8515, 106.1450
YIQ	237.0470, 1.7860, 11.6900

Conversions

Conversions Part 2

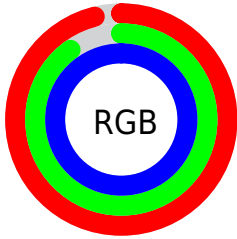
Format	Color
R _Y B	246, 229, 255
Decimal	16180735
CIE _{Lab}	92.95, 10.37, -10.47
CIE _{LCh}	93, 14.733, 314.736
Yxy	82.8515, 0.3079, 0.3034
Android (android.graphics.Color)	4294370815 (0xFFFF6E5FF)
YUV	237.0470, 8.8508, 7.8518
Hunter-Lab	91.0228, 5.5956, -5.4242

Details

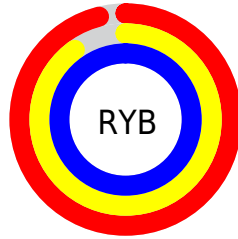
The Yxy color **82.8515, 0.3079, 0.3034** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.3268, 0.3171, 0.3550**, and the grayscale version is **84.6602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.2965, 0.3072, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **68.2164, 0.3023, 0.2767**, and if you desaturate by 10%, it is **99.6408, 0.3126, 0.3285**.

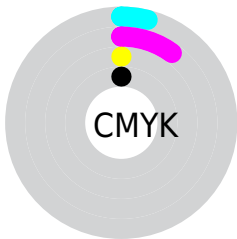
Distribution



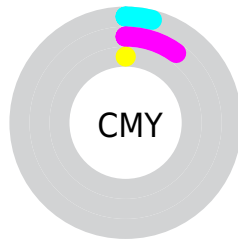
- Red (96%)
- Green (90%)
- Blue (100%)



- Red (96%)
- Yellow (90%)
- Blue (100%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.8515, 0.3079, 0.3034 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 82.8515, 0.3079, 0.3034 by changing the saturation by 10% instead.


 82.8515, 0.3079,
0.3034

 82.8515, 0.3079,
0.3034


504.4915, 0.3102,
0.3148

 62.0677, 0.3074,
0.3009


137.3675, 0.3087,
0.3073

 45.0874, 0.3067,
0.2979


171.8684, 0.3090,
0.3088

 31.5262, 0.3059,
0.2941


211.7104, 0.3093,
0.3101

 20.9999, 0.3048,
0.2894

257.2780, 0.3095,
0.3113

 13.1239, 0.3034,
0.2831

308.9555, 0.3097,
0.3123

 7.5139, 0.3012,
0.2744

367.1273, 0.3099,

 3.7855, 0.2979,

0.3132

0.2618

432.1778, 0.3100,
0.3140

■ 1.5543, 0.2921,
0.2418

■ 0.3265, 0.2842,
0.1647

■ 82.8515, 0.3079,
0.3034

■ 82.8515, 0.3079,
0.3034

■ 68.2164, 0.3023,
0.2767

99.6408, 0.3126,
0.3285

■ 55.6339, 0.2957,
0.2488

99.9983, 0.3127,
0.3290

■ 45.0099, 0.2882,
0.2207

■ 36.2386, 0.2799,
0.1932

■ 29.2042, 0.2708,
0.1678

■ 23.7773, 0.2614,
0.1455

■ 19.8099, 0.2519,
0.1276

■ 17.1254, 0.2428,
0.1147

■ 15.4584, 0.2343,
0.1064

Harmonies

Analogous

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



82.8515, 0.2924, 0.3004



82.8515, 0.3079, 0.3034



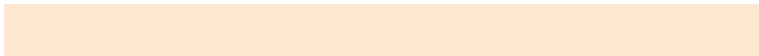
82.8515, 0.3251, 0.3128

Triad

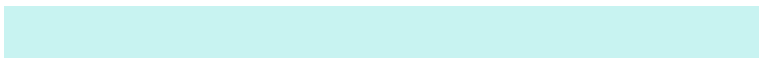
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8515, 0.3079, 0.3034



82.8515, 0.3437, 0.3528



82.8515, 0.2868, 0.3309

Complementary

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



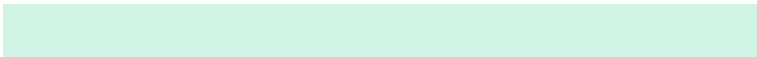
82.8515, 0.3079, 0.3034



95.3268, 0.3171, 0.3550

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.



82.8515, 0.3000, 0.3461



82.8515, 0.3079, 0.3034



82.8515, 0.3329, 0.3588

Square

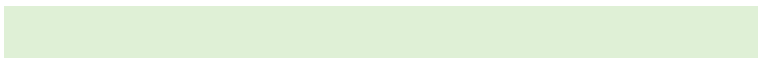
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8515, 0.3079, 0.3034



82.8515, 0.3461, 0.3409



82.8515, 0.3168, 0.3564



82.8515, 0.2804, 0.3157

Rectangle

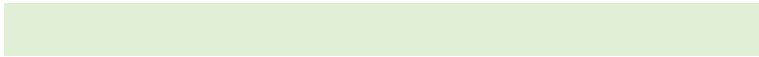
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8515, 0.3079, 0.3034



82.8515, 0.3352, 0.3215



82.8515, 0.3168, 0.3564



82.8515, 0.2905, 0.3362

Sweetspot

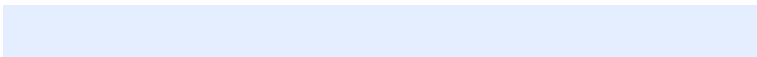
The Sweet Spot groups the original color and five complimentary colors.



82.8550, 0.3079, 0.3034



94.7199, 0.3114, 0.3217



85.0774, 0.2968, 0.3119



19.9791, 0.3110, 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.



82.8550, 0.3079, 0.3034



80.0637, 0.3069, 0.2987



84.2626, 0.3164, 0.3076



17.9691, 0.3083, 0.3052



8.1652, 0.2356, 0.1072



0.8556, 0.2454, 0.1126

Inverse Universe

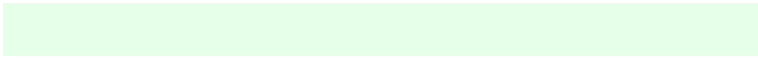
The Inverse Universe completely reimagines the original color for something new.



83.4621, 0.3249, 0.3202



80.7807, 0.3273, 0.3186



94.0383, 0.3093, 0.3514



18.0903, 0.3240, 0.3208



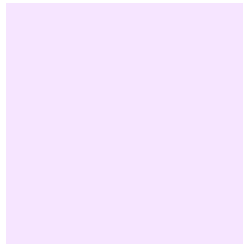
11.5000, 0.5606, 0.2862



1.1393, 0.5289, 0.2687

Previews

White Background



This preview shows how the Yxy color 82.8515, 0.3079, 0.3034 looks on a white background.

Color Contrast Check

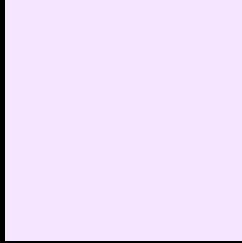
Large Text (above 18pt) WCAG AA × Fail

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 82.8515, 0.3079, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

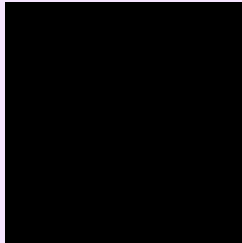
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

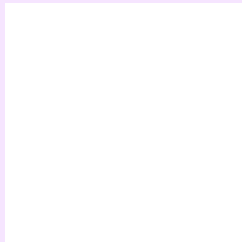
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.8515, 0.3079, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 82.8515, 0.3079, 0.3034.

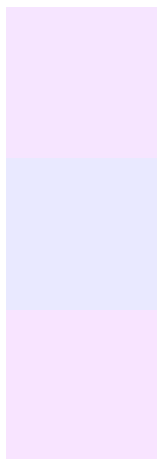


This preview shows how white text looks on a background with the Yxy color 82.8515, 0.3079, 0.3034.

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

82.8515, 0.3079, 0.3034

Protanopia

82.8215, 0.2993, 0.3068

Deuteranopia

82.6633, 0.3092, 0.3025



Tritanopia

82.7834, 0.3115, 0.3111

Trichromacy



Original Color

82.8515, 0.3079, 0.3034

Protanomaly

83.1104, 0.3025, 0.3060

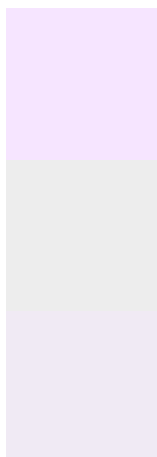
Deuteranomaly

82.4810, 0.3086, 0.3024

Tritanomaly

82.9711, 0.3097, 0.3082

Monochromacy



Original Color

82.8515, 0.3079, 0.3034

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.9026, 0.3105, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8515, 0.3079, 0.3034 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(246, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 229, 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(246, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 229, 255) }
```

Border

The CSS property to change the border of an element to Yxy 82.8515, 0.3079, 0.3034 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(246, 229, 255) }
```

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

```
.border{ border-color:rgb(246, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 229,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8515, 0.3079, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 229, 255) }
```

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

```
.background{ background-color: rgb(246,  
229, 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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