

Converting Colors

$Y_{xy}(82.2582, 0.3046, 0.3036)$

Have a look what the booklet for
Yxy(82.2582, 0.3046, 0.3036)
contains.

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Color

Yxy(82.5144, 0.3045, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	F1E6FF
RGB	241, 230, 255
RGB Percent	95%, 90%, 100%
CMY	0.0549, 0.0980, 0.0000
CMYK	0.05, 0.10, 0.00, 0.00
HSL	266°, 100%, 95%
HSV	266°, 10%, 100%
XYZ	82.6229, 82.5144, 106.2024
YIQ	236.1390, -1.4690, 10.1070

Conversions

Conversions Part 2

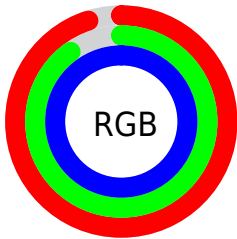
Format	Color
R _Y B	241, 230, 255
Decimal	15853311
CIE Lab	92.80, 8.22, -10.76
CIE LCh	93, 13.536, 307.379
Yxy	82.5144, 0.3045, 0.3041
Android (android.graphics.Color)	4294043391 (0xFFFF1E6FF)
YUV	236.1390, 9.2985, 4.2631
Hunter-Lab	90.8374, 3.3926, -5.7325

Details

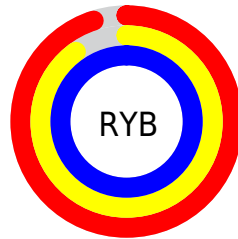
The Yxy color 82.5144, 0.3045, 0.3041 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.4694, 0.3203, 0.3537, and the grayscale version is 83.9207, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 45.0514, 0.3029, 0.2997 is the 20% darker color. If you saturate the color by 10%, you get 66.9284, 0.2948, 0.2765, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

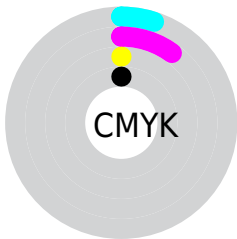
Distribution



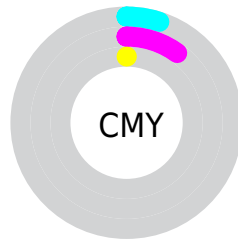
- Red (95%)
- Green (90%)
- Blue (100%)



- Red (95%)
- Yellow (90%)
- Blue (100%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5144, 0.3045, 0.3041 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 82.5144, 0.3045, 0.3041 by changing the saturation by 10% instead.

82.5144, 0.3045,
0.3041

82.5144, 0.3045,
0.3041

503.3667, 0.3083,
0.3152

61.7896, 0.3036,
0.3017

136.8951, 0.3058,
0.3079

44.8627, 0.3026,
0.2987

171.3199, 0.3063,
0.3094

31.3493, 0.3013,
0.2950

211.0801, 0.3068,
0.3106

20.8650, 0.2995,
0.2903

256.5601, 0.3071,
0.3118

13.0254, 0.2972,
0.2841

308.1444, 0.3075,
0.3128

7.4460, 0.2939,
0.2756

366.2174, 0.3078,

3.7426, 0.2888,

0.3137

0.2631

431.1633, 0.3080,
0.3145

■ 1.5306, 0.2801,
0.2431

■ 0.3101, 0.2606,
0.1632

■ 82.5144, 0.3045,
0.3041

■ 82.5144, 0.3045,
0.3041

■ 66.9284, 0.2948,
0.2765

100.0000, 0.3127,
0.3290

■ 53.5198, 0.2836,
0.2470

■ 42.1893, 0.2710,
0.2164

■ 32.8277, 0.2572,
0.1856

■ 25.3156, 0.2427,
0.1562

■ 19.5200, 0.2279,
0.1298

■ 15.2893, 0.2137,
0.1081

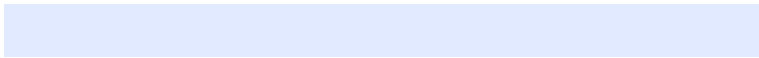
■ 12.4438, 0.2007,
0.0921

■ 10.6988, 0.1894,
0.0818

Harmonies

Analogous

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



82.5144, 0.2912, 0.3030



82.5144, 0.3045, 0.3041



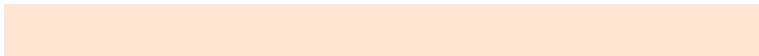
82.5144, 0.3203, 0.3115

Triad

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



82.5144, 0.3045, 0.3041



82.5144, 0.3426, 0.3487



82.5144, 0.2913, 0.3344

Complementary

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



82.5144, 0.3045, 0.3041



96.4694, 0.3203, 0.3537

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.



82.5144, 0.3046, 0.3476



82.5144, 0.3045, 0.3041



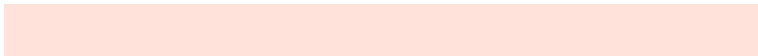
82.5144, 0.3343, 0.3557

Square

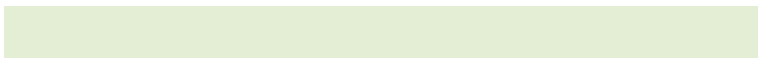
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5144, 0.3045, 0.3041



82.5144, 0.3426, 0.3368



82.5144, 0.3204, 0.3554



82.5144, 0.2837, 0.3200

Rectangle

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



82.5144, 0.3045, 0.3041



82.5144, 0.3302, 0.3190



82.5144, 0.3204, 0.3554



82.5144, 0.2953, 0.3391

Sweetspot

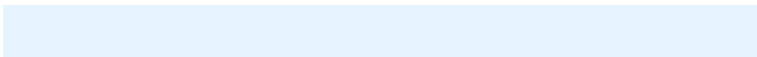
The Sweet Spot groups the original color and five complimentary colors.



82.5161, 0.3045, 0.3041



94.4116, 0.3103, 0.3216



88.8473, 0.2975, 0.3181



19.8959, 0.3097, 0.3196



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.



82.5161, 0.3045, 0.3041



78.8974, 0.3025, 0.2982



84.7624, 0.3127, 0.3048



17.7683, 0.3048, 0.3049



5.6597, 0.1909, 0.0825



0.6144, 0.2034, 0.0894

Inverse Universe

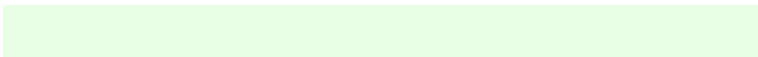
The Inverse Universe completely reimagines the original color for something new.



84.3896, 0.3209, 0.3153



81.1705, 0.3229, 0.3122



94.3345, 0.3126, 0.3543



18.1576, 0.3206, 0.3158



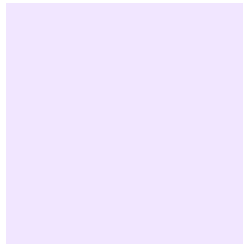
12.1746, 0.4708, 0.2367



1.2074, 0.4490, 0.2247

Previews

White Background



This preview shows how the Yxy color 82.5144, 0.3045, 0.3041 looks on a white background.

Color Contrast Check

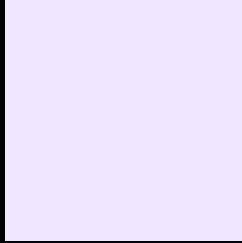
Large Text (above 18pt) WCAG AA × Fail

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 82.5144, 0.3045, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

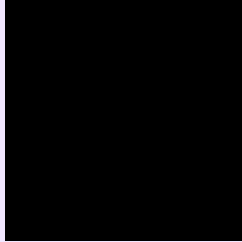
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

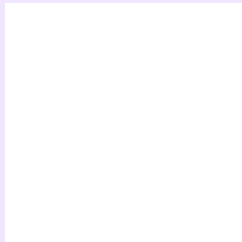
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5144, 0.3045, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 82.5144, 0.3045, 0.3041.

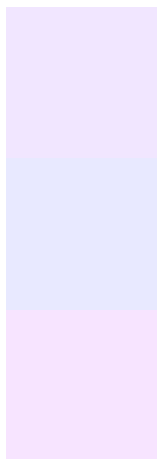


This preview shows how white text looks on a background with the Yxy color 82.5144, 0.3045, 0.3041.

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

82.5144, 0.3045, 0.3041

Protanopia

82.6536, 0.2986, 0.3068

Deuteranopia

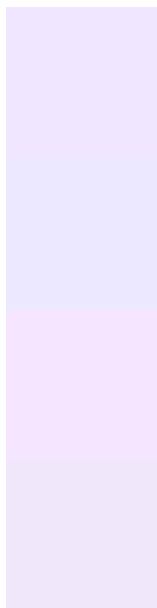
82.4810, 0.3086, 0.3024



Tritanopia

82.5166, 0.3075, 0.3109

Trichromacy



Original Color

82.5144, 0.3045, 0.3041

Protanomaly

82.5954, 0.3006, 0.3059

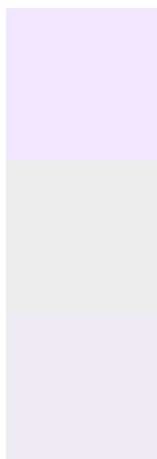
Deuteranomaly

82.6711, 0.3072, 0.3033

Tritanomaly

82.6421, 0.3063, 0.3090

Monochromacy



Original Color

82.5144, 0.3045, 0.3041

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.4938, 0.3098, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5144, 0.3045, 0.3041 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(241, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 230, 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(241, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 230, 255) }
```

Border

The CSS property to change the border of an element to Yxy 82.5144, 0.3045, 0.3041 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(241, 230, 255) }
```

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

```
.border{ border-color:rgb(241, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 230,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5144, 0.3045, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 230, 255) }
```

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

```
.background{ background-color: rgb(241,  
230, 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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