

Converting Colors

Yxy(87.6185, 0.2712, 0.2528)

Have a look what the booklet for
Yxy(87.6185, 0.2712, 0.2528)
contains.

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Color

Yxy(83.0726, 0.3045, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	F1E7FF
RGB	241, 231, 255
RGB Percent	95%, 91%, 100%
CMY	0.0548, 0.0941, 0.0000
CMYK	0.05, 0.09, 0.00, 0.00
HSL	265°, 100%, 95%
HSV	265°, 9%, 100%
XYZ	82.9092, 83.0726, 106.2981
YIQ	236.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

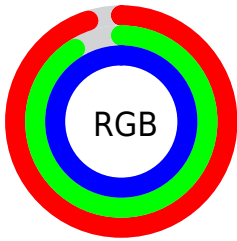
Format	Color
R _Y B	241, 231, 255
Decimal	15853567
CIE Lab	93.05, 7.71, -10.39
CIE LCh	93, 12.943, 306.578
Yxy	83.0726, 0.3045, 0.3051
Android (android.graphics.Color)	4294043647 (0xFFFF1E7FF)
YUV	236.7260, 9.0091, 3.7483
Hunter-Lab	91.1442, 2.8701, -5.3468

Details

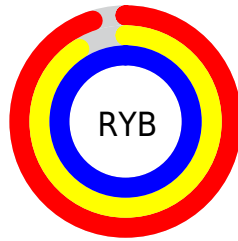
The Yxy color **83.0726, 0.3045, 0.3051** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.6983, 0.3204, 0.3527**, and the grayscale version is **84.3990, 0.3127, 0.3290**.

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 **67.3158, 0.2944, 0.2775**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

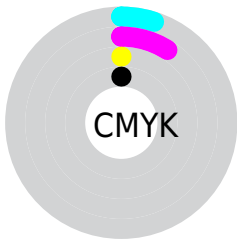
Distribution



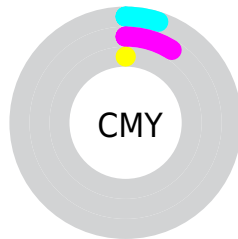
- Red (95%)
- Green (91%)
- Blue (100%)



- Red (95%)
- Yellow (91%)
- Blue (100%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.0726, 0.3045, 0.3051 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 83.0726, 0.3045, 0.3051 by changing the saturation by 10% instead.


 83.0726, 0.3045,
0.3051

 83.0726, 0.3045,
0.3051


505.2284, 0.3083,
0.3157

 62.2500, 0.3036,
0.3028


137.6771, 0.3058,
0.3087

 45.2348, 0.3026,
0.2999


172.2279, 0.3063,
0.3101

 31.6424, 0.3013,
0.2964


212.1235, 0.3067,
0.3114

 21.0885, 0.2996,
0.2919

257.7484, 0.3071,
0.3125

 13.1887, 0.2973,
0.2860

309.4870, 0.3075,
0.3134

 7.5586, 0.2940,
0.2778

367.7236, 0.3078,

 3.8138, 0.2890,

0.3143

0.2658

432.8426, 0.3080,
0.3151

■ 1.5700, 0.2805,
0.2466

■ 0.3372, 0.2615,
0.1733

■ 83.0726, 0.3045,
0.3051

■ 83.0726, 0.3045,
0.3051

■ 67.3158, 0.2944,
0.2775

100.0000, 0.3127,
0.3290

■ 53.7556, 0.2828,
0.2479

■ 42.2920, 0.2698,
0.2170

■ 32.8157, 0.2555,
0.1859

■ 25.2069, 0.2405,
0.1561

■ 19.3327, 0.2253,
0.1292

■ 15.0414, 0.2107,
0.1070

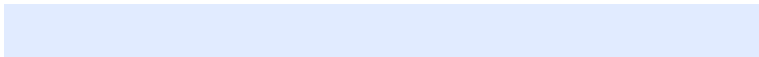
■ 12.1540, 0.1974,
0.0906

■ 10.3981, 0.1860,
0.0800

Harmonies

Analogous

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



83.0726, 0.2919, 0.3042



83.0726, 0.3045, 0.3051



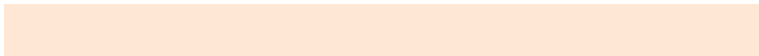
83.0726, 0.3196, 0.3120

Triad

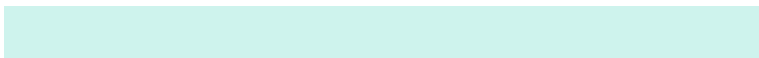
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0726, 0.3045, 0.3051



83.0726, 0.3413, 0.3476



83.0726, 0.2926, 0.3345

Complementary

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



83.0726, 0.3045, 0.3051



96.6983, 0.3204, 0.3527

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.



83.0726, 0.3054, 0.3470



83.0726, 0.3045, 0.3051



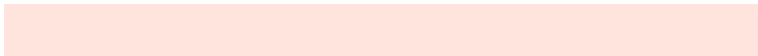
83.0726, 0.3336, 0.3544

Square

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



83.0726, 0.3045, 0.3051



83.0726, 0.3411, 0.3361



83.0726, 0.3204, 0.3543



83.0726, 0.2851, 0.3208

Rectangle

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



83.0726, 0.3045, 0.3051



83.0726, 0.3291, 0.3191



83.0726, 0.3204, 0.3543



83.0726, 0.2964, 0.3390

Sweetspot

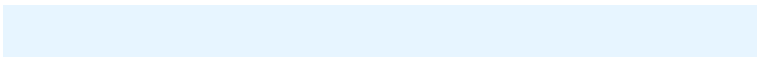
The Sweet Spot groups the original color and five complimentary colors.



83.0741, 0.3045, 0.3051



94.3803, 0.3102, 0.3216



89.5126, 0.2981, 0.3190



19.8875, 0.3096, 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.



83.0741, 0.3045, 0.3051



80.4223, 0.3030, 0.3009



85.2529, 0.3125, 0.3057



17.7481, 0.3044, 0.3049



5.4709, 0.1871, 0.0804



0.5951, 0.1997, 0.0874

Inverse Universe

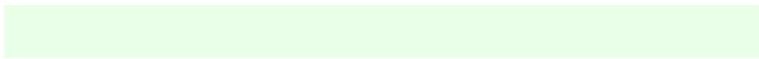
The Inverse Universe completely reimagines the original color for something new.



85.0017, 0.3202, 0.3154



82.6595, 0.3216, 0.3130



94.6126, 0.3128, 0.3532



18.1646, 0.3202, 0.3152



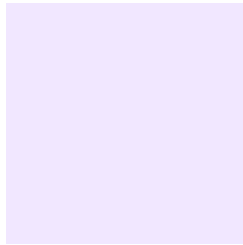
12.2657, 0.4616, 0.2317



1.2161, 0.4411, 0.2204

Previews

White Background



This preview shows how the Yxy color 83.0726, 0.3045, 0.3051 looks on a white background.

Color Contrast Check

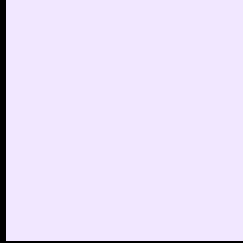
Large Text (above 18pt) WCAG AA × Fail

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 83.0726, 0.3045, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

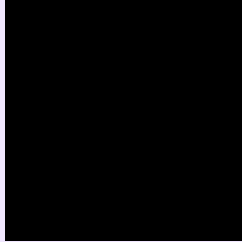
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

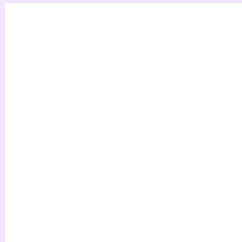
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.0726, 0.3045, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 83.0726, 0.3045, 0.3051.

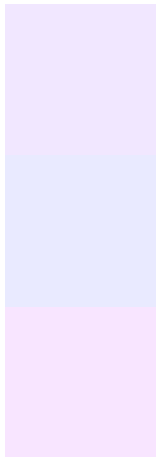


This preview shows how white text looks on a background with the Yxy color 83.0726, 0.3045, 0.3051.

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

83.0726, 0.3045, 0.3051

Protanopia

83.3893, 0.2993, 0.3078

Deuteranopia

83.2151, 0.3092, 0.3035



Tritanopia

83.1406, 0.3069, 0.3110

Trichromacy



Original Color

83.0726, 0.3045, 0.3051

Protanomaly

83.3307, 0.3012, 0.3069

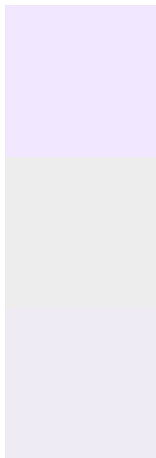
Deuteranomaly

83.2261, 0.3072, 0.3043

Tritanomaly

83.2668, 0.3057, 0.3090

Monochromacy



Original Color

83.0726, 0.3045, 0.3051

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.1255, 0.3092, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0726, 0.3045, 0.3051 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, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 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, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 255) }
```

Border

The CSS property to change the border of an element to Yxy 83.0726, 0.3045, 0.3051 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, 231, 255) }
```

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

```
.border{ border-color:rgb(241, 231, 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, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 231,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0726, 0.3045, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 231, 255) }
```

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

```
.background{ background-color: rgb(241,  
231, 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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