

Converting Colors

$Yxy(89.0858, 0.2567, 0.2280)$

Have a look what the booklet for
Yxy(89.0858, 0.2567, 0.2280)
contains.

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Color

Yxy(81.9594, 0.3045, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	F1E5FF
RGB	241, 229, 255
RGB Percent	95%, 90%, 100%
CMY	0.0550, 0.1019, 0.0000
CMYK	0.06, 0.10, 0.00, 0.00
HSL	268°, 100%, 95%
HSV	268°, 10%, 100%
XYZ	82.3380, 81.9594, 106.1065
YIQ	235.5520, -1.1940, 10.6300

Conversions

Conversions Part 2

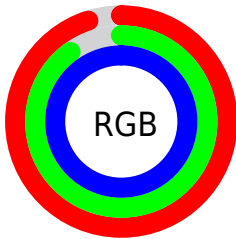
Format	Color
R _Y B	241, 229, 255
Decimal	15853055
CIE Lab	92.56, 8.72, -11.12
CIE LCh	93, 14.131, 308.114
Yxy	81.9594, 0.3045, 0.3031
Android (android.graphics.Color)	4294043135 (0xFFFF1E5FF)
YUV	235.5520, 9.5879, 4.7779
Hunter-Lab	90.5314, 3.9150, -6.1183

Details

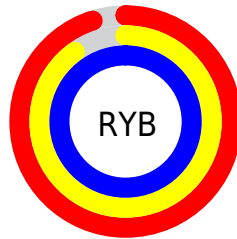
The Yxy color **81.9594, 0.3045, 0.3031** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.2420, 0.3203, 0.3548**, and the grayscale version is **83.4441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6636, 0.3029, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **66.5372, 0.2951, 0.2755**, and if you desaturate by 10%, it is **99.6415, 0.3126, 0.3285**.

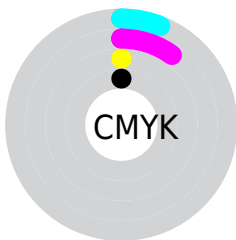
Distribution



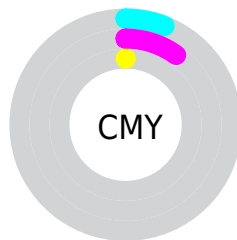
- Red (95%)
- Green (90%)
- Blue (100%)



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



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.9594, 0.3045, 0.3031 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 81.9594, 0.3045, 0.3031 by changing the saturation by 10% instead.


 81.9594, 0.3045,
0.3031

 81.9594, 0.3045,
0.3031


501.5119, 0.3083,
0.3146

 61.3321, 0.3036,
0.3006


136.1171, 0.3058,
0.3070

 44.4932, 0.3026,
0.2975


170.4162, 0.3063,
0.3086

 31.0584, 0.3012,
0.2937


210.0414, 0.3068,
0.3099

 20.6434, 0.2995,
0.2888

255.3770, 0.3071,
0.3111

 12.8636, 0.2971,
0.2823

306.8075, 0.3075,
0.3121

 7.3347, 0.2938,
0.2734

364.7172, 0.3078,

 3.6723, 0.2886,

0.3131

0.2604

429.4905, 0.3081,
0.3139

■ 1.4920, 0.2797,
0.2397

■ 0.2831, 0.2597,
0.1525

■ 81.9594, 0.3045,
0.3031

■ 81.9594, 0.3045,
0.3031

■ 66.5372, 0.2951,
0.2755

99.6415, 0.3126,
0.3285

■ 53.2749, 0.2843,
0.2461

100.0000, 0.3127,
0.3290

■ 42.0737, 0.2721,
0.2157

■ 32.8247, 0.2588,
0.1852

■ 25.4084, 0.2447,
0.1563

■ 19.6919, 0.2304,
0.1304

■ 15.5234, 0.2165,
0.1091

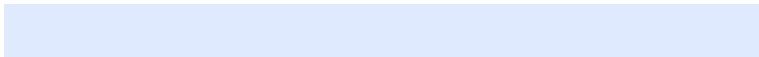
■ 12.7223, 0.2038,
0.0935

■ 11.0192, 0.1928,
0.0836

Harmonies

Analogous

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



81.9594, 0.2905, 0.3017



81.9594, 0.3045, 0.3031



81.9594, 0.3211, 0.3109

Triad

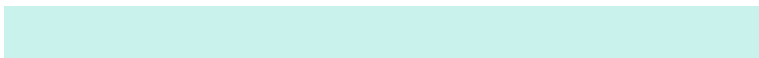
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9594, 0.3045, 0.3031



81.9594, 0.3439, 0.3498



81.9594, 0.2900, 0.3343

Complementary

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



81.9594, 0.3045, 0.3031



96.2420, 0.3203, 0.3548

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.



81.9594, 0.3039, 0.3482



81.9594, 0.3045, 0.3031



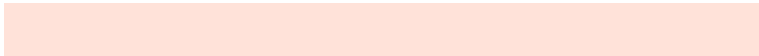
81.9594, 0.3350, 0.3570

Square

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



81.9594, 0.3045, 0.3031



81.9594, 0.3441, 0.3374



81.9594, 0.3203, 0.3566



81.9594, 0.2823, 0.3192

Rectangle

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



81.9594, 0.3045, 0.3031



81.9594, 0.3314, 0.3189



81.9594, 0.3203, 0.3566



81.9594, 0.2941, 0.3392

Sweetspot

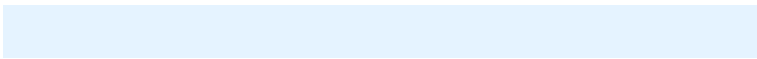
The Sweet Spot groups the original color and five complimentary colors.



81.9614, 0.3045, 0.3031



94.4404, 0.3104, 0.3216



88.1655, 0.2969, 0.3172



19.9037, 0.3098, 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.



81.9614, 0.3045, 0.3031



79.0052, 0.3029, 0.2983



84.2815, 0.3130, 0.3038



17.7869, 0.3051, 0.3049



5.8443, 0.1945, 0.0845



0.6331, 0.2070, 0.0914

Inverse Universe

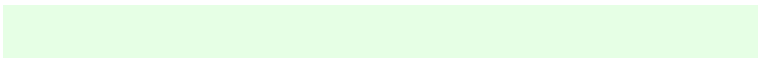
The Inverse Universe completely reimagines the original color for something new.



83.7813, 0.3216, 0.3153



81.1333, 0.3233, 0.3128



94.0531, 0.3123, 0.3554



18.1512, 0.3209, 0.3162



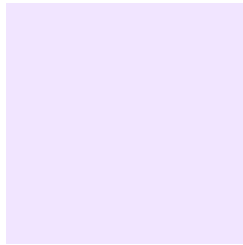
12.0944, 0.4794, 0.2415



1.1997, 0.4563, 0.2287

Previews

White Background



This preview shows how the Yxy color 81.9594, 0.3045, 0.3031 looks on a white background.

Color Contrast Check

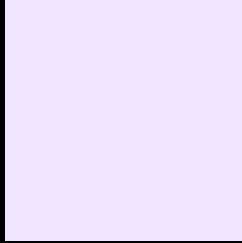
Large Text (above 18pt) WCAG AA × Fail

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 81.9594, 0.3045, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

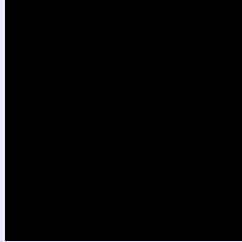
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

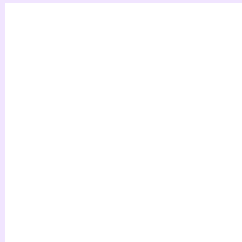
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.9594, 0.3045, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 81.9594, 0.3045, 0.3031.

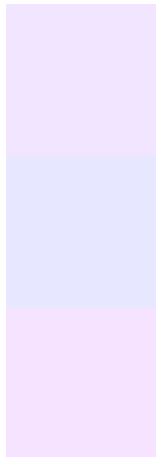


This preview shows how white text looks on a background with the Yxy color 81.9594, 0.3045, 0.3031.

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

81.9594, 0.3045, 0.3031

Protanopia

81.9221, 0.2980, 0.3057

Deuteranopia

81.7510, 0.3079, 0.3014



Tritanopia

81.8962, 0.3082, 0.3109

Trichromacy



Original Color

81.9594, 0.3045, 0.3031

Protanomaly

82.0340, 0.3006, 0.3048

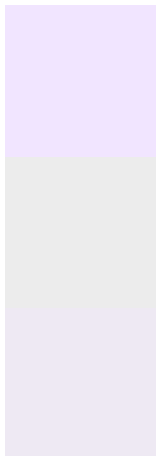
Deuteranomaly

81.9399, 0.3066, 0.3023

Tritanomaly

82.0839, 0.3063, 0.3080

Monochromacy



Original Color

81.9594, 0.3045, 0.3031

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

82.9260, 0.3098, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9594, 0.3045, 0.3031 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, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 229, 255) }
```

Border

The CSS property to change the border of an element to Yxy 81.9594, 0.3045, 0.3031 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, 229, 255) }
```

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

```
.border{ border-color:rgb(241, 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(241, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 229,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9594, 0.3045, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 229, 255) }
```

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

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