

Converting Colors

$Y_{xy}(84.0143, 0.3121, 0.3037)$

Have a look what the booklet for
Yxy(84.0143, 0.3121, 0.3037)
contains.

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Color

Yxy(83.9541, 0.3119, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	FCE5FF
RGB	252, 229, 255
RGB Percent	99%, 90%, 100%
CMY	0.0116, 0.1020, 0.0000
CMYK	0.01, 0.10, 0.00, 0.00
HSL	293°, 100%, 95%
HSV	293°, 10%, 100%
XYZ	86.2209, 83.9541, 106.2626
YIQ	238.8410, 5.3620, 12.9620

Conversions

Conversions Part 2

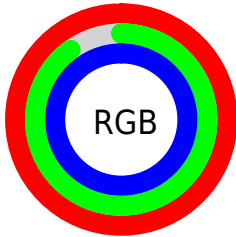
Format	Color
R _Y B	252, 229, 255
Decimal	16573951
CIE Lab	93.43, 12.33, -9.71
CIE LCh	93, 15.697, 321.791
Yxy	83.9541, 0.3119, 0.3037
Android (android.graphics.Color)	4294764031 (0xFFFC E5FF)
YUV	238.8410, 7.9664, 11.5404
Hunter-Lab	91.6265, 7.6229, -4.6223

Details

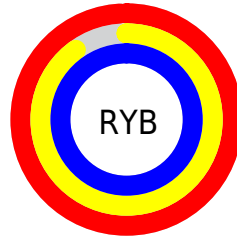
The Yxy color $83.9541, 0.3119, 0.3037$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $94.3232, 0.3133, 0.3553$, and the grayscale version is $86.1248, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.9514, 0.3115, 0.2992$ is the 20% darker color. If you saturate the color by 10%, you get $70.3290, 0.3108, 0.2780$, and if you desaturate by 10%, it is $99.6672, 0.3127, 0.3285$.

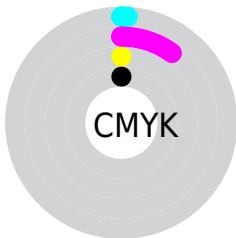
Distribution



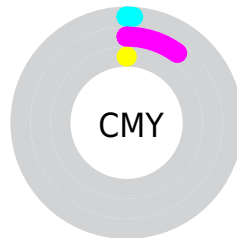
- Red (99%)
- Green (90%)
- Blue (100%)



- Red (99%)
- Yellow (90%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.9541, 0.3119, 0.3037 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 83.9541, 0.3119, 0.3037 by changing the saturation by 10% instead.

 83.9541, 0.3119,
0.3037

 83.9541, 0.3119,
0.3037


508.1608, 0.3124,
0.3149

 62.9775, 0.3118,
0.3013


138.9110, 0.3121,
0.3075

 45.8230, 0.3116,
0.2983


173.6601, 0.3121,
0.3090

 32.1062, 0.3114,
0.2946


213.7688, 0.3122,
0.3103

 21.4426, 0.3111,
0.2900

259.6216, 0.3122,
0.3114

 13.4479, 0.3107,
0.2838

311.6027, 0.3123,
0.3125

 7.7377, 0.3100,
0.2755

370.0968, 0.3123,

 3.9276, 0.3088,

0.3134

0.2633

435.4880, 0.3123,
0.3142

■ 1.6331, 0.3065,
0.2441

■ 0.3798, 0.3094,
0.1775

■ 83.9541, 0.3119,
0.3037

■ 83.9541, 0.3119,
0.3037

■ 70.3290, 0.3108,
0.2780

99.6672, 0.3127,
0.3285

■ 58.6911, 0.3094,
0.2520

99.9997, 0.3127,
0.3290

■ 48.9473, 0.3076,
0.2267

■ 40.9929, 0.3055,
0.2030

■ 34.7130, 0.3031,
0.1819

■ 29.9793, 0.3005,
0.1645

■ 26.6448, 0.2976,
0.1514

■ 24.5340, 0.2947,
0.1428

■ 23.3741, 0.2918,
0.1381

Harmonies

Analogous

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



83.9541, 0.2946, 0.2987



83.9541, 0.3119, 0.3037



83.9541, 0.3299, 0.3149

Triad

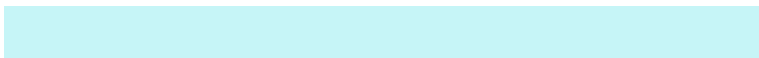
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9541, 0.3119, 0.3037



83.9541, 0.3436, 0.3564



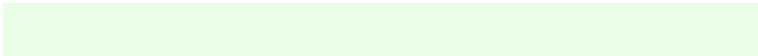
83.9541, 0.2829, 0.3270

Complementary

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



83.9541, 0.3119, 0.3037



94.3232, 0.3133, 0.3553

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.



83.9541, 0.2954, 0.3436



83.9541, 0.3119, 0.3037



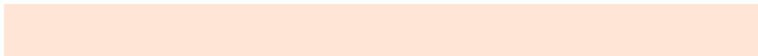
83.9541, 0.3304, 0.3609

Square

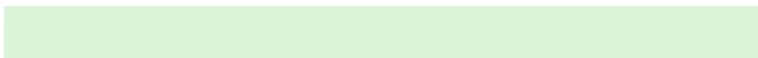
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.9541, 0.3119, 0.3037



83.9541, 0.3485, 0.3449



83.9541, 0.3127, 0.3562



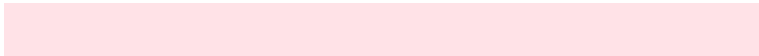
83.9541, 0.2782, 0.3116

Rectangle

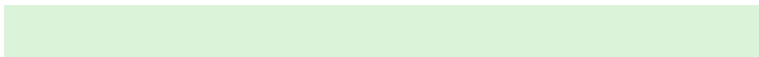
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.9541, 0.3119, 0.3037



83.9541, 0.3397, 0.3246



83.9541, 0.3127, 0.3562



83.9541, 0.2863, 0.3327

Sweetspot

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



83.9577, 0.3119, 0.3037



95.0507, 0.3125, 0.3217



81.6075, 0.2967, 0.3056



20.0686, 0.3124, 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.



83.9577, 0.3119, 0.3037



81.3506, 0.3117, 0.2991



83.8904, 0.3203, 0.3134



18.1890, 0.3120, 0.3055



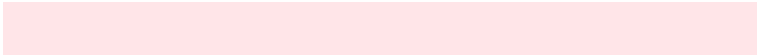
12.2560, 0.2923, 0.1384



1.2219, 0.2957, 0.1403

Inverse Universe

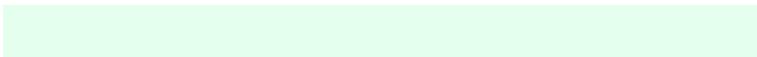
The Inverse Universe completely reimagines the original color for something new.



83.1201, 0.3288, 0.3261



80.3819, 0.3321, 0.3256



94.4041, 0.3058, 0.3452



18.0208, 0.3276, 0.3263



11.1660, 0.6266, 0.3225



1.0976, 0.6034, 0.3097

Previews

White Background



This preview shows how the Yxy color 83.9541, 0.3119, 0.3037 looks on a white background.

Color Contrast Check

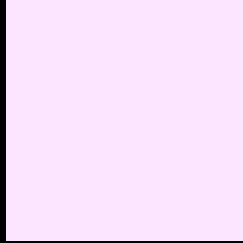
Large Text (above 18pt) WCAG AA × Fail

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 83.9541, 0.3119, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

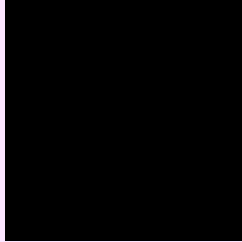
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

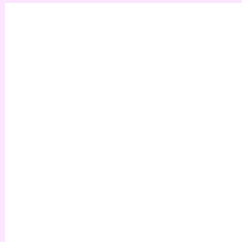
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.9541, 0.3119, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 83.9541, 0.3119, 0.3037.

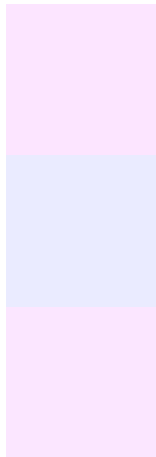


This preview shows how white text looks on a background with the Yxy color 83.9541, 0.3119, 0.3037.

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

83.9541, 0.3119, 0.3037

Protanopia

84.1291, 0.2999, 0.3089

Deuteranopia

84.3229, 0.3112, 0.3046



Tritanopia

83.8802, 0.3156, 0.3113

Trichromacy



Original Color

83.9541, 0.3119, 0.3037

Protanomaly

84.1986, 0.3045, 0.3072

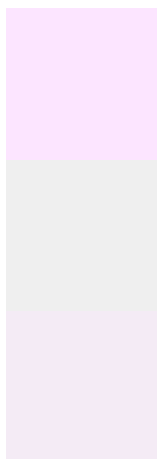
Deuteranomaly

84.3229, 0.3112, 0.3046

Tritanomaly

84.0679, 0.3137, 0.3085

Monochromacy



Original Color

83.9541, 0.3119, 0.3037

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.2423, 0.3125, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.9541, 0.3119, 0.3037 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(252, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 229, 255) }
```

Border

The CSS property to change the border of an element to Yxy 83.9541, 0.3119, 0.3037 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(252, 229, 255) }
```

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

```
.border{ border-color:rgb(252, 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(252, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 229,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 83.9541, 0.3119, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 229, 255) }
```

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

```
.background{ background-color: rgb(252,  
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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