

Converting Colors

$Y_{xy}(83.1008, 0.3145, 0.3038)$

Have a look what the booklet for
Yxy(83.1008, 0.3145, 0.3038)
contains.

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Color

Yxy(83.1008, 0.3146, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	FEE3FD
RGB	254, 227, 253
RGB Percent	100%, 89%, 99%
CMY	0.0038, 0.1098, 0.0078
CMYK	0.00, 0.11, 0.00, 0.00
HSL	302°, 93%, 94%
HSV	302°, 11%, 100%
XYZ	86.0833, 83.1008, 104.4438
YIQ	238.0370, 7.7460, 13.8100

Conversions

Conversions Part 2

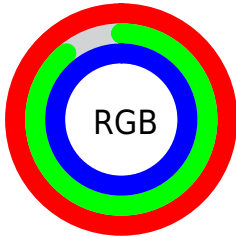
Format	Color
RYB	254, 227, 253
Decimal	16704509
CIELab	93.06, 13.68, -9.21
CIElCh	93, 16.493, 326.044
Yxy	83.1008, 0.3146, 0.3037
Android (android.graphics.Color)	4294894589 (0xFFFE3FD)
YUV	238.0370, 7.3768, 13.9996
Hunter-Lab	91.1596, 9.0307, -4.1182

Details

The Yxy color **83.1008, 0.3146, 0.3037** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92.8391, 0.3108, 0.3557**, and the grayscale version is **85.4733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.3609, 0.3150, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **70.1577, 0.3165, 0.2794**, and if you desaturate by 10%, it is **98.1015, 0.3128, 0.3275**.

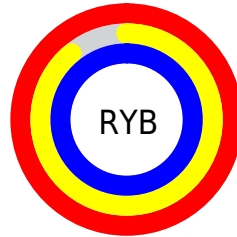
Distribution



Red (100%)

Green (89%)

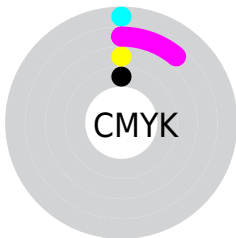
Blue (99%)



Red (100%)

Yellow (89%)

Blue (99%)

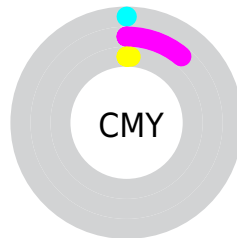


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.1008, 0.3146, 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 83.1008, 0.3146, 0.3037 by changing the saturation by 10% instead.


 83.1008, 0.3146,
0.3037

 83.1008, 0.3146,
0.3037

505.3224, 0.3139,
0.3149

 62.2733, 0.3147,
0.3013


137.7166, 0.3144,
0.3075

 45.2536, 0.3149,
0.2983


172.2738, 0.3143,
0.3090

 31.6572, 0.3151,
0.2946


212.1762, 0.3142,
0.3103

 21.0998, 0.3153,
0.2899

257.8084, 0.3141,
0.3114

 13.1970, 0.3156,
0.2838

309.5547, 0.3140,
0.3125

 7.5643, 0.3159,
0.2753

367.7996, 0.3140,

 3.8175, 0.3161,

0.3134

0.2631

432.9273, 0.3139,
0.3142

■ 1.5720, 0.3161,
0.2437

■ 0.3386, 0.3266,
0.1686

■ 83.1008, 0.3146,
0.3037

■ 83.1008, 0.3146,
0.3037

■ 70.1577, 0.3165,
0.2794

■ 98.1015, 0.3128,
0.3275

■ 59.1720, 0.3185,
0.2551

99.8137, 0.3122,
0.3291

■ 50.0513, 0.3206,
0.2319

99.8179, 0.3121,
0.3290

■ 42.6914, 0.3227,
0.2107

■ 36.9780, 0.3247,
0.1924

■ 32.7833, 0.3266,
0.1778

■ 29.9607, 0.3282,
0.1676

■ 28.3349, 0.3296,
0.1618

■ 27.6366, 0.3308,
0.1596

Harmonies

Analogous

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



83.1008, 0.2960, 0.2974



83.1008, 0.3146, 0.3037



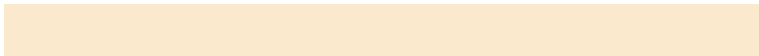
83.1008, 0.3332, 0.3162

Triad

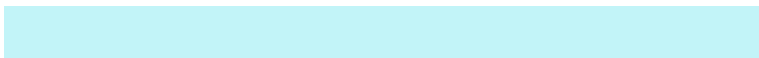
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.1008, 0.3146, 0.3037



83.1008, 0.3438, 0.3591



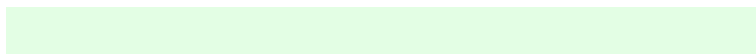
83.1008, 0.2801, 0.3244

Complementary

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



83.1008, 0.3146, 0.3037



92.8391, 0.3108, 0.3557

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.



83.1008, 0.2922, 0.3421



83.1008, 0.3146, 0.3037



83.1008, 0.3289, 0.3625

Square

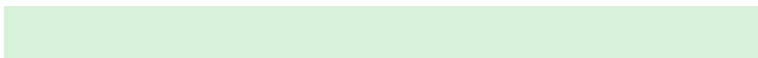
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1008, 0.3146, 0.3037



83.1008, 0.3504, 0.3478



83.1008, 0.3100, 0.3563



83.1008, 0.2765, 0.3087

Rectangle

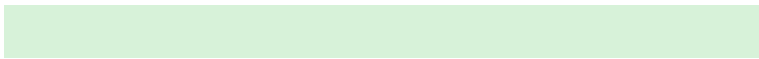
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.1008, 0.3146, 0.3037



83.1008, 0.3429, 0.3266



83.1008, 0.3100, 0.3563



83.1008, 0.2832, 0.3303

Sweetspot

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



83.1044, 0.3146, 0.3037



95.1972, 0.3132, 0.3220



78.5683, 0.2965, 0.3013



20.1084, 0.3134, 0.3201



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.



83.1044, 0.3146, 0.3037



80.5625, 0.3150, 0.2980



82.2798, 0.3233, 0.3166



18.2878, 0.3144, 0.3065



14.5707, 0.3306, 0.1595



1.4223, 0.3294, 0.1588

Inverse Universe

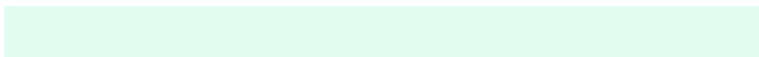
The Inverse Universe completely reimagines the original color for something new.



83.1044, 0.3146, 0.3037



80.5625, 0.3150, 0.2980



93.6127, 0.3033, 0.3418



18.2878, 0.3144, 0.3065



14.5707, 0.3306, 0.1595



1.4223, 0.3294, 0.1588

Previews

White Background



This preview shows how the Yxy color 83.1008, 0.3146, 0.3037 looks on a white background.

Color Contrast Check

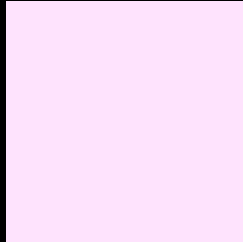
Large Text (above 18pt) WCAG AA × Fail

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 83.1008, 0.3146, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

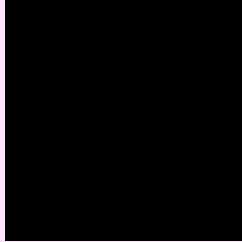
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

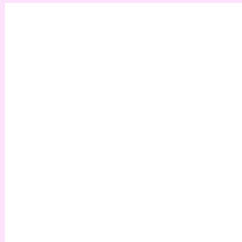
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.1008, 0.3146, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 83.1008, 0.3146, 0.3037.

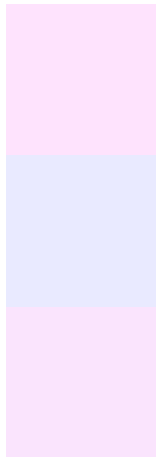


This preview shows how white text looks on a background with the Yxy color 83.1008, 0.3146, 0.3037.

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

83.1008, 0.3146, 0.3037

Protanopia

83.3893, 0.2993, 0.3078

Deuteranopia

82.9026, 0.3118, 0.3045



Tritanopia

83.0233, 0.3183, 0.3114

Trichromacy



Original Color

83.1008, 0.3146, 0.3037

Protanomaly

83.0084, 0.3051, 0.3061

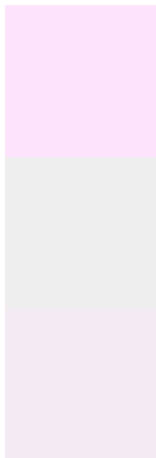
Deuteranomaly

83.0879, 0.3125, 0.3046

Tritanomaly

83.2090, 0.3164, 0.3085

Monochromacy



Original Color

83.1008, 0.3146, 0.3037

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.5498, 0.3138, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.1008, 0.3146, 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(254, 227, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 253)  
}
```

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(254, 227, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 253) }
```

Border

The CSS property to change the border of an element to Yxy 83.1008, 0.3146, 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(254, 227, 253) }
```

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

```
.border{ border-color:rgb(254, 227, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 227, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 83.1008, 0.3146, 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(254, 227, 253) }
```

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

```
.background{ background-color: rgb(254,  
227, 253) }
```

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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