

Converting Colors

$Y_{xy}(82.7037, 0.3108, 0.3058)$

Have a look what the booklet for
Yxy(82.7037, 0.3108, 0.3058)
contains.

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Color

Yxy(83.0234, 0.3111, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	F8E5FC
RGB	248, 229, 252
RGB Percent	97%, 90%, 99%
CMY	0.0274, 0.1019, 0.0119
CMYK	0.02, 0.09, 0.00, 0.01
HSL	290°, 79%, 94%
HSV	290°, 9%, 99%
XYZ	84.2969, 83.0234, 103.6438
YIQ	237.3030, 3.9410, 11.1810

Conversions

Conversions Part 2

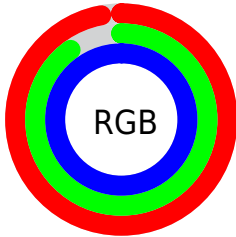
Format	Color
R _Y B	248, 229, 252
Decimal	16311804
CIE Lab	93.02, 10.46, -8.77
CIE LCh	93, 13.645, 320.027
Yxy	83.0234, 0.3111, 0.3064
Android (android.graphics.Color)	4294501884 (0xFF8E5FC)
YUV	237.3030, 7.2456, 9.3813
Hunter-Lab	91.1172, 5.6840, -3.6590

Details

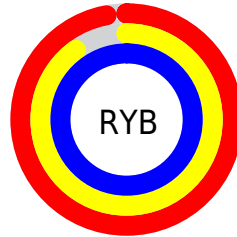
The Yxy color **83.0234, 0.3111, 0.3064** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92.5717, 0.3141, 0.3523**, and the grayscale version is **84.8758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4187, 0.3113, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **69.2954, 0.3089, 0.2805**, and if you desaturate by 10%, it is **98.8005, 0.3129, 0.3311**.

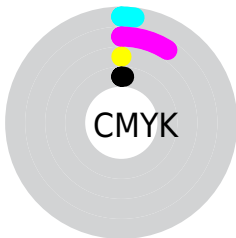
Distribution



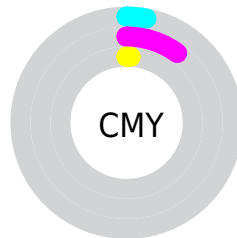
- Red (97%)
- Green (90%)
- Blue (99%)



- Red (97%)
- Yellow (90%)
- Blue (99%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)





- Cyan (3%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.0234, 0.3111, 0.3064 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 83.0234, 0.3111, 0.3064 by changing the saturation by 10% instead.


 83.0234, 0.3111,
0.3064

 83.0234, 0.3111,
0.3064


505.0645, 0.3119,
0.3164

 62.2095, 0.3109,
0.3042


137.6082, 0.3114,
0.3098

 45.2020, 0.3107,
0.3015

172.1479, 0.3115,
0.3112

 31.6165, 0.3103,
0.2982

212.0316, 0.3116,
0.3123

 21.0688, 0.3099,
0.2940

257.6438, 0.3117,
0.3134

 13.1743, 0.3093,
0.2884

309.3687, 0.3117,
0.3143

 7.5487, 0.3084,
0.2807

367.5909, 0.3118,

 3.8075, 0.3069,

0.3151

0.2695

432.6947, 0.3119,
0.3158

■ 1.5665, 0.3041,
0.2515

■ 0.3349, 0.3041,
0.1776

■ 83.0234, 0.3111,
0.3064

■ 83.0234, 0.3111,
0.3064

■ 69.2954, 0.3089,
0.2805

■ 98.8005, 0.3129,
0.3311

■ 57.5189, 0.3062,
0.2541

99.8058, 0.3145,
0.3319

■ 47.6042, 0.3031,
0.2280

■ 39.4505, 0.2994,
0.2031

■ 32.9473, 0.2953,
0.1806

■ 27.9716, 0.2910,
0.1615

■ 24.3829, 0.2864,
0.1467

■ 22.0147, 0.2818,
0.1364

■ 20.6173, 0.2772,
0.1303

Harmonies

Analogous

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



83.0234, 0.2961, 0.3025



83.0234, 0.3111, 0.3064



83.0234, 0.3268, 0.3160

Triad

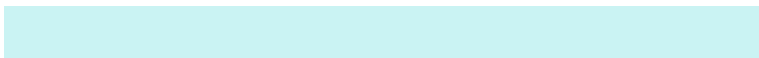
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0234, 0.3111, 0.3064



83.0234, 0.3402, 0.3525



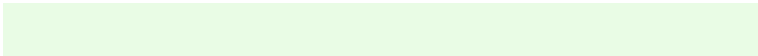
83.0234, 0.2871, 0.3282

Complementary

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



83.0234, 0.3111, 0.3064



92.5717, 0.3141, 0.3523

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.



83.0234, 0.2984, 0.3425



83.0234, 0.3111, 0.3064



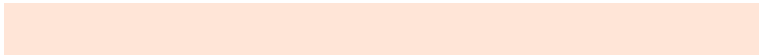
83.0234, 0.3290, 0.3567

Square

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



83.0234, 0.3111, 0.3064



83.0234, 0.3439, 0.3423



83.0234, 0.3137, 0.3531



83.0234, 0.2826, 0.3146

Rectangle

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



83.0234, 0.3111, 0.3064



83.0234, 0.3356, 0.3244



83.0234, 0.3137, 0.3531



83.0234, 0.2902, 0.3331

Sweetspot

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



83.0270, 0.3111, 0.3064



94.9665, 0.3122, 0.3217



82.0863, 0.2985, 0.3099



20.0458, 0.3121, 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.



83.0270, 0.3111, 0.3064



82.4852, 0.3107, 0.3016



83.3059, 0.3184, 0.3136



17.3643, 0.3110, 0.3054



10.7461, 0.2776, 0.1303



1.0338, 0.2830, 0.1333

Inverse Universe

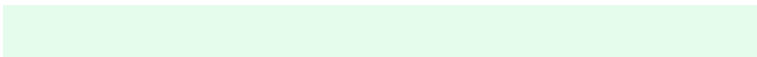
The Inverse Universe completely reimagines the original color for something new.



82.6133, 0.3261, 0.3251



81.9848, 0.3292, 0.3243



92.3280, 0.3074, 0.3449



17.2740, 0.3267, 0.3249



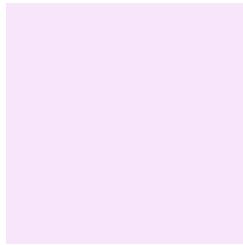
10.8877, 0.6147, 0.3160



1.0216, 0.5847, 0.2995

Previews

White Background



This preview shows how the Yxy color 83.0234, 0.3111, 0.3064 looks on a white background.

Color Contrast Check

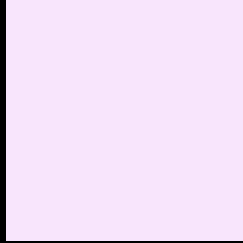
Large Text (above 18pt) WCAG AA × Fail

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 83.0234, 0.3111, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

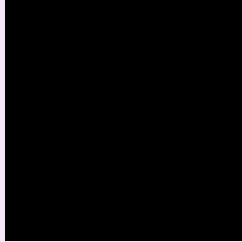
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

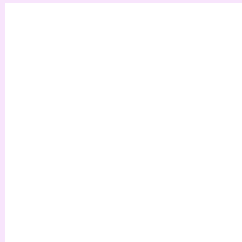
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.0234, 0.3111, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 83.0234, 0.3111, 0.3064.

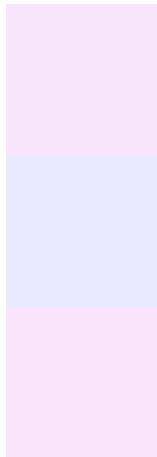


This preview shows how white text looks on a background with the Yxy color 83.0234, 0.3111, 0.3064.

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

83.0234, 0.3111, 0.3064

Protanopia

82.8215, 0.2993, 0.3068

Deuteranopia

82.8391, 0.3125, 0.3055



Tritanopia

83.1451, 0.3129, 0.3112

Trichromacy



Original Color

83.0234, 0.3111, 0.3064

Protanomaly

83.0461, 0.3031, 0.3070

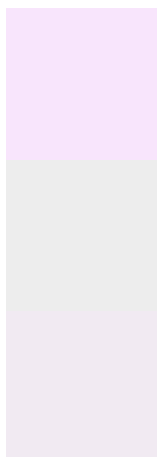
Deuteranomaly

82.6548, 0.3118, 0.3054

Tritanomaly

83.2073, 0.3122, 0.3102

Monochromacy



Original Color

83.0234, 0.3111, 0.3064

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.9572, 0.3124, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0234, 0.3111, 0.3064 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(248, 229, 252)` looks like.

```
.text, #text, p{  
    color:rgb(248, 229, 252)  
}
```

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(248, 229, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 229, 252) }
```

Border

The CSS property to change the border of an element to Yxy 83.0234, 0.3111, 0.3064 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(248, 229, 252) }
```

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

```
.border{ border-color:rgb(248, 229, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 229, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 229, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 229, 252);  
box-shadow:4px 4px 4px 4px rgb(248, 229,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0234, 0.3111, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 229, 252) }
```

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

```
.background{ background-color: rgb(248,  
229, 252) }
```

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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