

Converting Colors

$Y_{xy}(81.2241, 0.3177, 0.3091)$

Have a look what the booklet for
Yxy(81.2241, 0.3177, 0.3091)
contains.

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Color

Yxy(81.0135, 0.3171, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	FBE1F6
RGB	251, 225, 246
RGB Percent	98%, 88%, 96%
CMY	0.0159, 0.1175, 0.0353
CMYK	0.00, 0.10, 0.02, 0.02
HSL	311°, 76%, 93%
HSV	311°, 10%, 98%
XYZ	83.3259, 81.0135, 98.4355
YIQ	235.1680, 8.7550, 12.0430

Conversions

Conversions Part 2

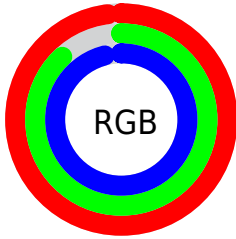
Format	Color
R_{YB}	251, 225, 246
Decimal	16507382
CIE _{Lab}	92.14, 12.43, -6.94
CIE _{LCh}	92, 14.236, 330.811
Yxy	81.0135, 0.3171, 0.3083
Android (android.graphics.Color)	4294697462 (0xFFFFBE1F6)
YUV	235.1680, 5.3402, 13.8847
Hunter-Lab	90.0075, 7.7362, -1.8365

Details

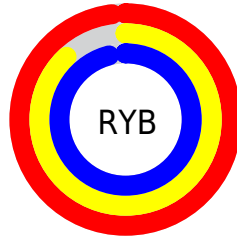
The Yxy color **81.0135, 0.3171, 0.3083** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.6770, 0.3086, 0.3506**, and the grayscale version is **83.1632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9365, 0.3175, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **68.1400, 0.3220, 0.2875**, and if you desaturate by 10%, it is **95.8954, 0.3128, 0.3284**.

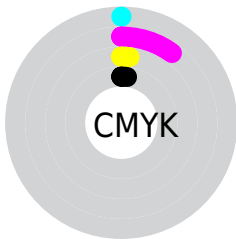
Distribution



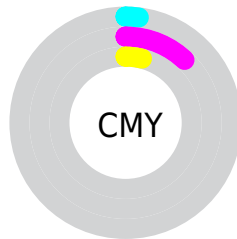
- Red (98%)
- Green (88%)
- Blue (96%)



- Red (98%)
- Yellow (88%)
- Blue (96%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0135, 0.3171, 0.3083 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 81.0135, 0.3171, 0.3083 by changing the saturation by 10% instead.


 81.0135, 0.3171,
0.3083

 81.0135, 0.3171,
0.3083


498.3419, 0.3152,
0.3175

 60.5527, 0.3175,
0.3063


134.7897, 0.3165,
0.3114

 43.8643, 0.3180,
0.3038


168.8740, 0.3162,
0.3127

 30.5638, 0.3186,
0.3007


208.2681, 0.3160,
0.3138

 20.2670, 0.3194,
0.2968

253.3566, 0.3158,
0.3147

 12.5892, 0.3204,
0.2915

304.5239, 0.3156,
0.3155

 7.1463, 0.3218,
0.2843

362.1542, 0.3155,

 3.5538, 0.3237,

0.3163

0.2737

426.6321, 0.3153,
0.3169

■ 1.4272, 0.3266,
0.2564

■ 0.2367, 0.3503,
0.1569

■ 81.0135, 0.3171,
0.3083

■ 81.0135, 0.3171,
0.3083

■ 68.1400, 0.3220,
0.2875

■ 95.8954, 0.3128,
0.3284

■ 57.1777, 0.3276,
0.2666

■ 99.2372, 0.3102,
0.3290

■ 48.0370, 0.3339,
0.2462

■ 40.6172, 0.3407,
0.2272

■ 34.8077, 0.3480,
0.2107

■ 30.4848, 0.3555,
0.1977

■ 27.5071, 0.3630,
0.1890

■ 25.7055, 0.3703,
0.1850

■ 24.8167, 0.3770,
0.1851

Harmonies

Analogous

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



81.0135, 0.3006, 0.3018



81.0135, 0.3171, 0.3083



81.0135, 0.3328, 0.3199

Triad

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



81.0135, 0.3171, 0.3083



81.0135, 0.3381, 0.3562



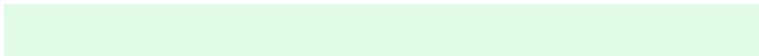
81.0135, 0.2832, 0.3227

Complementary

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



81.0135, 0.3171, 0.3083



90.6770, 0.3086, 0.3506

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.



81.0135, 0.2927, 0.3380



81.0135, 0.3171, 0.3083



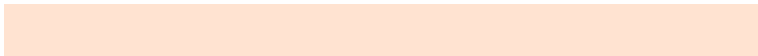
81.0135, 0.3244, 0.3578

Square

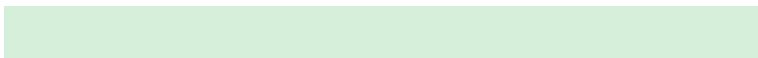
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



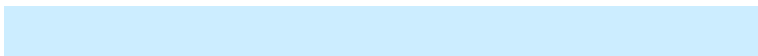
81.0135, 0.3171, 0.3083



81.0135, 0.3451, 0.3474



81.0135, 0.3077, 0.3511



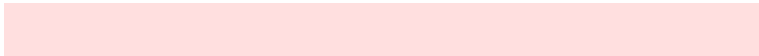
81.0135, 0.2813, 0.3096

Rectangle

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



81.0135, 0.3171, 0.3083



81.0135, 0.3406, 0.3293



81.0135, 0.3077, 0.3511



81.0135, 0.2856, 0.3277

Sweetspot

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



81.0170, 0.3171, 0.3083



95.1223, 0.3139, 0.3231



77.6130, 0.2996, 0.3024



20.0881, 0.3143, 0.3215



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.



81.0170, 0.3171, 0.3083



81.6370, 0.3179, 0.3048



80.2595, 0.3255, 0.3208



17.4646, 0.3167, 0.3100



13.0730, 0.3759, 0.1845



1.2249, 0.3681, 0.1802

Inverse Universe

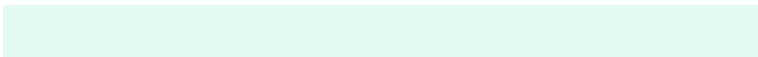
The Inverse Universe completely reimagines the original color for something new.



81.0170, 0.3171, 0.3083



81.6370, 0.3179, 0.3048



91.4209, 0.3014, 0.3373



17.4646, 0.3167, 0.3100



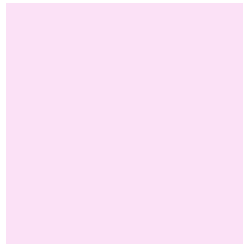
13.0730, 0.3759, 0.1845



1.2249, 0.3681, 0.1802

Previews

White Background



This preview shows how the Yxy color 81.0135, 0.3171, 0.3083 looks on a white background.

Color Contrast Check

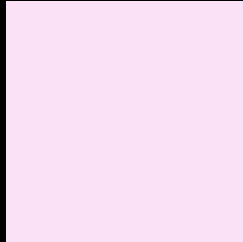
Large Text (above 18pt) WCAG AA × Fail

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 81.0135, 0.3171, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

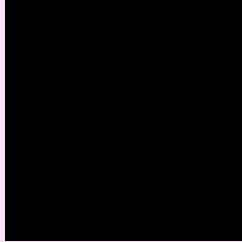
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

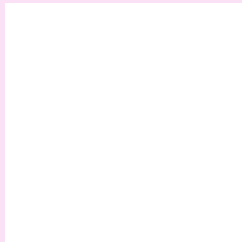
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0135, 0.3171, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 81.0135, 0.3171, 0.3083.



This preview shows how white text looks on a background with the Yxy color 81.0135, 0.3171, 0.3083.

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

81.0135, 0.3171, 0.3083

Protanopia

81.2098, 0.3016, 0.3096

Deuteranopia

81.1863, 0.3157, 0.3092



Tritanopia

80.8307, 0.3191, 0.3112

Trichromacy



Original Color

81.0135, 0.3171, 0.3083

Protanomaly

81.2289, 0.3069, 0.3089

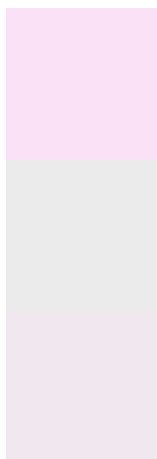
Deuteranomaly

81.3705, 0.3164, 0.3092

Tritanomaly

80.8913, 0.3185, 0.3102

Monochromacy



Original Color

81.0135, 0.3171, 0.3083

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.0846, 0.3145, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0135, 0.3171, 0.3083 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(251, 225, 246)` looks like.

```
.text, #text, p{  
    color:rgb(251, 225, 246)  
}
```

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(251, 225, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 225, 246) }
```

Border

The CSS property to change the border of an element to Yxy 81.0135, 0.3171, 0.3083 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(251, 225, 246) }
```

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

```
.border{ border-color:rgb(251, 225, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 225, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 225, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 225, 246);  
box-shadow:4px 4px 4px 4px rgb(251, 225,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0135, 0.3171, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 225, 246) }
```

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

```
.background{ background-color: rgb(251,  
225, 246) }
```

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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