

Converting Colors

$Yxy(80.3826, 0.3085, 0.2958)$

Have a look what the booklet for
Yxy(80.3826, 0.3085, 0.2958)
contains.

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Color

Yxy(80.1351, 0.3101, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	F9DFFF
RGB	249, 223, 255
RGB Percent	98%, 87%, 100%
CMY	0.0235, 0.1255, 0.0002
CMYK	0.02, 0.13, 0.00, 0.00
HSL	289°, 100%, 94%
HSV	289°, 13%, 100%
XYZ	83.5010, 80.1351, 105.6351
YIQ	234.4220, 5.2240, 15.4640

Conversions

Conversions Part 2

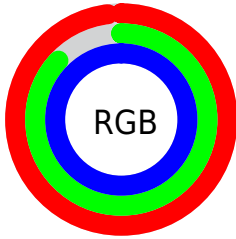
Format	Color
RYB	249, 223, 255
Decimal	16375807
CIELab	91.75, 14.45, -12.22
CIElCh	92, 18.929, 319.780
Yxy	80.1351, 0.3101, 0.2976
Android (android.graphics.Color)	4294565887 (0xFFFF9DFFF)
YUV	234.4220, 10.1450, 12.7849
Hunter-Lab	89.5182, 9.8447, -7.3018

Details

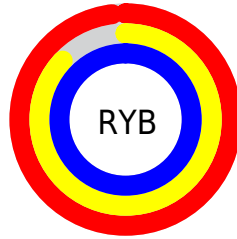
The Yxy color $80.1351, 0.3101, 0.2976$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $93.4695, 0.3149, 0.3617$, and the grayscale version is $82.5361, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.2889, 0.3091, 0.2913$ is the 20% darker color. If you saturate the color by 10%, you get $66.6637, 0.3075, 0.2714$, and if you desaturate by 10%, it is $95.6866, 0.3122, 0.3228$.

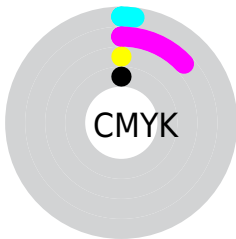
Distribution



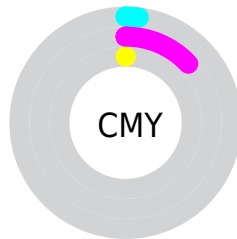
- Red (98%)
- Green (87%)
- Blue (100%)



- Red (98%)
- Yellow (87%)
- Blue (100%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.1351, 0.3101, 0.2976 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 80.1351, 0.3101, 0.2976 by changing the saturation by 10% instead.

 80.1351, 0.3101,
0.2976

 80.1351, 0.3101,
0.2976


495.3880, 0.3114,
0.3115

 59.8295, 0.3098,
0.2945


133.5557, 0.3106,
0.3023

 43.2812, 0.3094,
0.2908


167.4394, 0.3108,
0.3042

 30.1058, 0.3088,
0.2862


206.6181, 0.3109,
0.3058

 19.9189, 0.3081,
0.2804

251.4760, 0.3111,
0.3072

 12.3361, 0.3070,
0.2727

302.3975, 0.3112,
0.3085

 6.9730, 0.3054,
0.2622

359.7671, 0.3113,

 3.4452, 0.3028,

0.3096

0.2468

423.9691, 0.3114,
0.3106

■ 1.3684, 0.2979,
0.2226

■ 0.1932, 0.2983,
0.1075

■ 80.1351, 0.3101,
0.2976

■ 80.1351, 0.3101,
0.2976

■ 66.6637, 0.3075,
0.2714

■ 95.6866, 0.3122,
0.3228

■ 55.1706, 0.3043,
0.2448

99.9971, 0.3127,
0.3290

■ 45.5608, 0.3006,
0.2188

■ 37.7271, 0.2964,
0.1944

■ 31.5520, 0.2918,
0.1727

■ 26.9032, 0.2870,
0.1547

■ 23.6281, 0.2819,
0.1411

■ 21.5422, 0.2770,
0.1321

■ 20.5571, 0.2733,
0.1279

Harmonies

Analogous

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



80.1351, 0.2893, 0.2921



80.1351, 0.3101, 0.2976



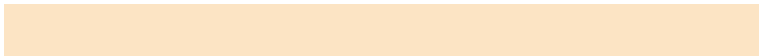
80.1351, 0.3323, 0.3107

Triad

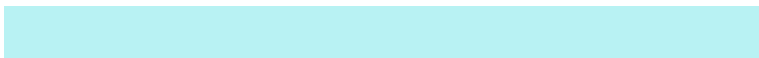
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.1351, 0.3101, 0.2976



80.1351, 0.3514, 0.3618



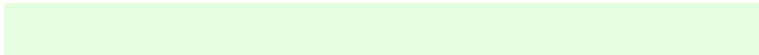
80.1351, 0.2771, 0.3278

Complementary

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



80.1351, 0.3101, 0.2976



93.4695, 0.3149, 0.3617

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.



80.1351, 0.2928, 0.3483



80.1351, 0.3101, 0.2976



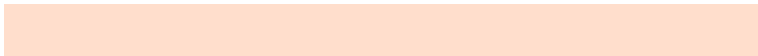
80.1351, 0.3356, 0.3681

Square

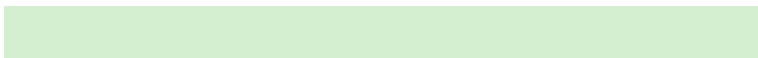
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1351, 0.3101, 0.2976



80.1351, 0.3566, 0.3470



80.1351, 0.3141, 0.3633



80.1351, 0.2707, 0.3086

Rectangle

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



80.1351, 0.3101, 0.2976



80.1351, 0.3447, 0.3223



80.1351, 0.3141, 0.3633



80.1351, 0.2814, 0.3348

Sweetspot

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



80.1385, 0.3101, 0.2976



93.3057, 0.3120, 0.3192



79.1652, 0.2929, 0.3026



19.7100, 0.3118, 0.3173



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.



80.1385, 0.3101, 0.2976



76.6520, 0.3095, 0.2912



80.6464, 0.3204, 0.3071



18.1195, 0.3108, 0.3054



10.8072, 0.2741, 0.1284



1.0944, 0.2797, 0.1315

Inverse Universe

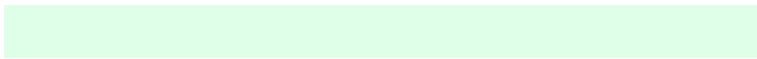
The Inverse Universe completely reimagines the original color for something new.



79.6856, 0.3315, 0.3231



76.1315, 0.3358, 0.3219



93.0404, 0.3058, 0.3520



18.0423, 0.3265, 0.3246



11.2337, 0.6116, 0.3143



1.1078, 0.5825, 0.2982

Previews

White Background



This preview shows how the Yxy color 80.1351, 0.3101, 0.2976 looks on a white background.

Color Contrast Check

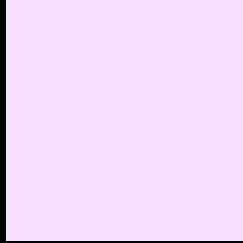
Large Text (above 18pt) WCAG AA × Fail

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 80.1351, 0.3101, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

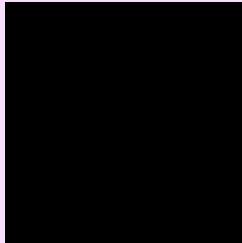
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

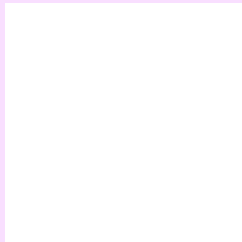
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.1351, 0.3101, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 80.1351, 0.3101, 0.2976.

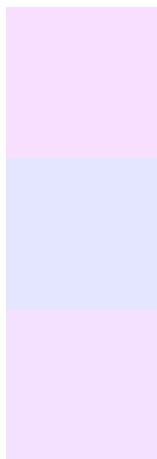


This preview shows how white text looks on a background with the Yxy color 80.1351, 0.3101, 0.2976.

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

80.1351, 0.3101, 0.2976

Protanopia

80.3076, 0.2960, 0.3035

Deuteranopia

80.1251, 0.3059, 0.2992



Tritanopia

80.0956, 0.3163, 0.3110

Trichromacy



Original Color

80.1351, 0.3101, 0.2976

Protanomaly

79.9910, 0.3013, 0.3008

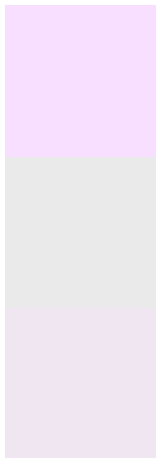
Deuteranomaly

79.9438, 0.3073, 0.2983

Tritanomaly

79.9832, 0.3145, 0.3062

Monochromacy



Original Color

80.1351, 0.3101, 0.2976

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.3552, 0.3113, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.1351, 0.3101, 0.2976 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(249, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 223, 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(249, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 80.1351, 0.3101, 0.2976 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(249, 223, 255) }
```

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

```
.border{ border-color:rgb(249, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 80.1351, 0.3101, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 223, 255) }
```

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

```
.background{ background-color: rgb(249,  
223, 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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