

Converting Colors

Yxy(83.1650, 0.2884, 0.2646)

Have a look what the booklet for
Yxy(83.1650, 0.2884, 0.2646)
contains.

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Color

Yxy(80.3193, 0.3107, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	FADFFF
RGB	250, 223, 255
RGB Percent	98%, 87%, 100%
CMY	0.0198, 0.1254, 0.0000
CMYK	0.02, 0.13, 0.00, 0.00
HSL	291°, 100%, 94%
HSV	291°, 13%, 100%
XYZ	83.8549, 80.3193, 105.7160
YIQ	234.7210, 5.8200, 15.6760

Conversions

Conversions Part 2

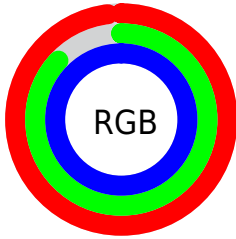
Format	Color
R _Y B	250, 223, 255
Decimal	16441343
CIE _{Lab}	91.83, 14.77, -12.13
CIE _{LCh}	92, 19.116, 320.609
Yxy	80.3193, 0.3107, 0.2976
Android (android.graphics.Color)	4294631423 (0xFFFA _D FFF)
YUV	234.7210, 9.9975, 13.3997
Hunter-Lab	89.6210, 10.1786, -7.2031

Details

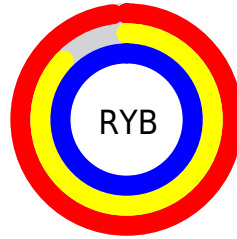
The Yxy color $80.3193, 0.3107, 0.2976$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $93.3516, 0.3143, 0.3618$, and the grayscale version is $82.7713, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.4199, 0.3100, 0.2914$ is the 20% darker color. If you saturate the color by 10%, you get $66.9699, 0.3087, 0.2716$, and if you desaturate by 10%, it is $95.7395, 0.3124, 0.3228$.

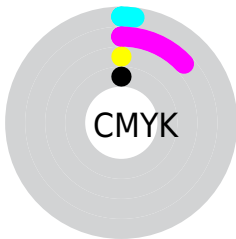
Distribution



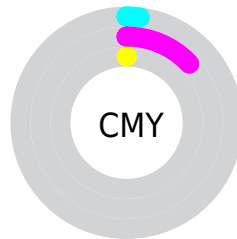
- Red (98%)
- Green (87%)
- Blue (100%)



- 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 80.3193, 0.3107, 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 80.3193, 0.3107, 0.2976 by changing the saturation by 10% instead.


 80.3193, 0.3107,
0.2976

 80.3193, 0.3107,
0.2976


496.0082, 0.3118,
0.3115

 59.9811, 0.3104,
0.2946


133.8146, 0.3111,
0.3023

 43.4034, 0.3101,
0.2909


167.7404, 0.3112,
0.3042

 30.2018, 0.3096,
0.2863


206.9644, 0.3114,
0.3058

 19.9918, 0.3090,
0.2804

251.8707, 0.3115,
0.3072

 12.3891, 0.3081,
0.2728

302.8439, 0.3116,
0.3085

 7.0092, 0.3068,
0.2622

360.2683, 0.3116,

 3.4679, 0.3045,

0.3096

0.2470

424.5282, 0.3117,
0.3106

■ 1.3806, 0.3001,
0.2228

■ 0.2024, 0.3026,
0.1107

■ 80.3193, 0.3107,
0.2976

■ 80.3193, 0.3107,
0.2976

■ 66.9699, 0.3087,
0.2716

■ 95.7395, 0.3124,
0.3228

■ 55.5953, 0.3062,
0.2453

100.0000, 0.3127,
0.3290

■ 46.0985, 0.3032,
0.2196

■ 38.3725, 0.2998,
0.1957

■ 32.2996, 0.2961,
0.1746

■ 27.7476, 0.2920,
0.1572

■ 24.5640, 0.2879,
0.1442

■ 22.5639, 0.2837,
0.1358

■ 21.6403, 0.2806,
0.1319

Harmonies

Analogous

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



80.3193, 0.2896, 0.2918



80.3193, 0.3107, 0.2976



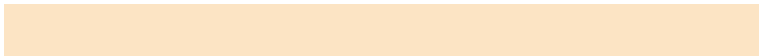
80.3193, 0.3331, 0.3110

Triad

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



80.3193, 0.3107, 0.2976



80.3193, 0.3514, 0.3624



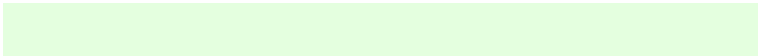
80.3193, 0.2764, 0.3272

Complementary

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



80.3193, 0.3107, 0.2976



93.3516, 0.3143, 0.3618

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.



80.3193, 0.2920, 0.3479



80.3193, 0.3107, 0.2976



80.3193, 0.3353, 0.3685

Square

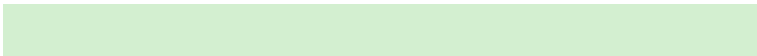
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3193, 0.3107, 0.2976



80.3193, 0.3570, 0.3477



80.3193, 0.3135, 0.3634



80.3193, 0.2703, 0.3079

Rectangle

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



80.3193, 0.3107, 0.2976



80.3193, 0.3455, 0.3227



80.3193, 0.3135, 0.3634



80.3193, 0.2807, 0.3343

Sweetspot

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



80.3208, 0.3107, 0.2976



93.3603, 0.3121, 0.3192



78.5884, 0.2928, 0.3015



19.7239, 0.3120, 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.



80.3208, 0.3107, 0.2976



76.8518, 0.3103, 0.2913



80.5963, 0.3212, 0.3081



18.1469, 0.3113, 0.3054



11.3619, 0.2813, 0.1323



1.1435, 0.2861, 0.1349

Inverse Universe

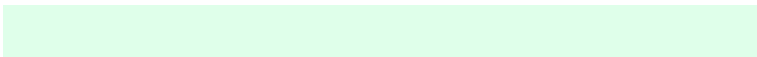
The Inverse Universe completely reimagines the original color for something new.



79.6486, 0.3322, 0.3240



76.0726, 0.3366, 0.3230



93.1325, 0.3052, 0.3509



18.0337, 0.3269, 0.3253



11.2032, 0.6182, 0.3179



1.1036, 0.5908, 0.3028

Previews

White Background



This preview shows how the Yxy color 80.3193, 0.3107, 0.2976 looks on a white background.

Color Contrast Check

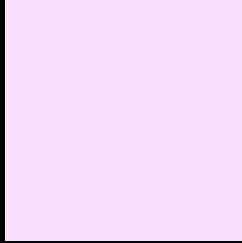
Large Text (above 18pt) WCAG AA × Fail

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 80.3193, 0.3107, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

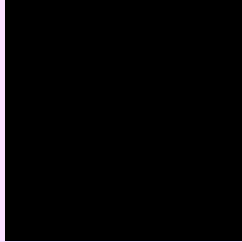
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

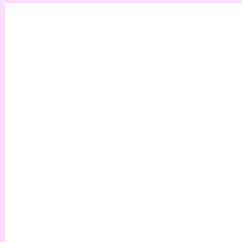
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.3193, 0.3107, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 80.3193, 0.3107, 0.2976.

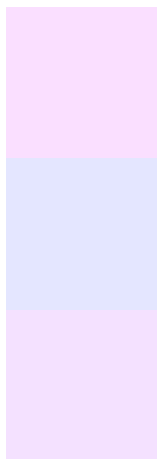


This preview shows how white text looks on a background with the Yxy color 80.3193, 0.3107, 0.2976.

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

80.3193, 0.3107, 0.2976

Protanopia

80.3076, 0.2960, 0.3035

Deuteranopia

80.3035, 0.3066, 0.2992



Tritanopia

80.2780, 0.3170, 0.3111

Trichromacy



Original Color

80.3193, 0.3107, 0.2976

Protanomaly

79.9910, 0.3013, 0.3008

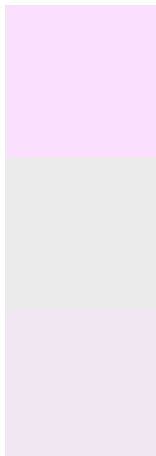
Deuteranomaly

80.1241, 0.3080, 0.2984

Tritanomaly

80.1664, 0.3152, 0.3062

Monochromacy



Original Color

80.3193, 0.3107, 0.2976

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.0879, 0.3119, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.3193, 0.3107, 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(250, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 80.3193, 0.3107, 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(250, 223, 255) }
```

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

```
.border{ border-color:rgb(250, 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(250, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 80.3193, 0.3107, 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(250, 223, 255) }
```

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

```
.background{ background-color: rgb(250,  
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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