

Converting Colors

$Yxy(60.6343, 0.2851, 0.2147)$

Have a look what the booklet for
Yxy(60.6343, 0.2851, 0.2147)
contains.

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Color

Yxy(57.8026, 0.3141, 0.2482)

Conversions

Conversions Part 1

Format	Color
Hex	FCADFF
RGB	252, 173, 255
RGB Percent	99%, 68%, 100%
CMY	0.0116, 0.3216, 0.0000
CMYK	0.01, 0.32, 0.00, 0.00
HSL	298°, 100%, 84%
HSV	298°, 32%, 100%
XYZ	73.1499, 57.8026, 101.9347
YIQ	205.9690, 20.7620, 42.2500

Conversions

Conversions Part 2

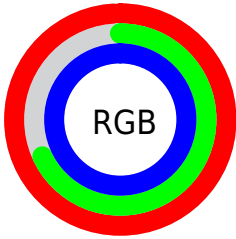
Format	Color
R _Y B	252, 173, 255
Decimal	16559615
CIE Lab	80.63, 41.70, -29.05
CIE LCh	81, 50.824, 325.139
Yxy	57.8026, 0.3141, 0.2482
Android (android.graphics.Color)	4294749695 (0xFFFCADFF)
YUV	205.9690, 24.1723, 40.3692
Hunter-Lab	76.0280, 38.6936, -26.2736

Details

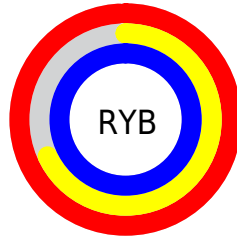
The Yxy color **57.8026, 0.3141, 0.2482** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.7617, 0.3100, 0.4243**, and the grayscale version is **61.5331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **28.7402, 0.3131, 0.2305** is the 20% darker color. If you saturate the color by 10%, you get **48.7682, 0.3143, 0.2242**, and if you desaturate by 10%, it is **68.7050, 0.3138, 0.2734**.

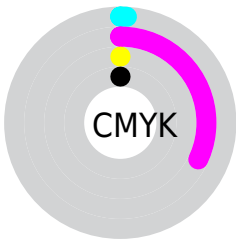
Distribution



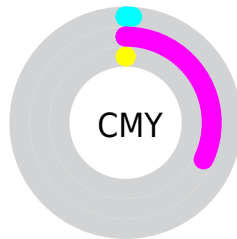
- Red (99%)
- Green (68%)
- Blue (100%)



- Red (99%)
- Yellow (68%)
- Blue (100%)



- Cyan (1%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8026, 0.3141, 0.2482 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 57.8026, 0.3141, 0.2482 by changing the saturation by 10% instead.


 57.8026, 0.3141,
0.2482

 57.8026, 0.3141,
0.2482


416.4500, 0.3145,
0.2843

 41.6500, 0.3138,
0.2403


 101.6353, 0.3144,
0.2605

 28.8273, 0.3133,
0.2307


130.0842, 0.3145,
0.2653

 18.9502, 0.3124,
0.2189


163.4007, 0.3145,
0.2695

 11.6343, 0.3111,
0.2039

201.9691, 0.3145,
0.2732

 6.4952, 0.3087,
0.1845

246.1738, 0.3145,
0.2765

 3.1485, 0.3044,
0.1585


296.3993, 0.3145,


 1.2097, 0.2956,


0.2794


0.1227

353.0299, 0.3145,
0.2820


 0.0696, 0.2920,
0.0183


 0.0000, 0.0343,
0.0000


 57.8026, 0.3141,
0.2482

 57.8026, 0.3141,
0.2482


 48.7682, 0.3143,
0.2242

 68.7050, 0.3138,
0.2734

 41.4936, 0.3143,
0.2022

 81.5719, 0.3134,
0.2989

 35.8623, 0.3141,
0.1834

 96.4949, 0.3128,
0.3237

 31.7427, 0.3137,
0.1684

100.0000, 0.3127,
0.3290

■ 28.9833, 0.3131,
0.1578

■ 27.4011, 0.3124,
0.1516

■ 26.7703, 0.3117,
0.1491

Harmonies

Analogous

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



57.8026, 0.2532, 0.2289



57.8026, 0.3141, 0.2482



57.8026, 0.3814, 0.2844

Triad

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



57.8026, 0.3141, 0.2482



57.8026, 0.4176, 0.4260



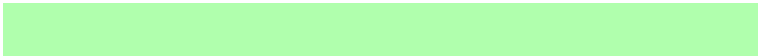
57.8026, 0.2066, 0.3088

Complementary

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



57.8026, 0.3141, 0.2482



83.7617, 0.3100, 0.4243

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.



57.8026, 0.2430, 0.3772



57.8026, 0.3141, 0.2482



57.8026, 0.3644, 0.4498

Square

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



57.8026, 0.3141, 0.2482



57.8026, 0.4437, 0.3813



57.8026, 0.3004, 0.4338



57.8026, 0.1965, 0.2568

Rectangle

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



57.8026, 0.3141, 0.2482



57.8026, 0.4179, 0.3148



57.8026, 0.3004, 0.4338



57.8026, 0.2159, 0.3308

Sweetspot

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



57.8031, 0.3141, 0.2482



84.6210, 0.3133, 0.3043



47.5816, 0.2555, 0.2383



17.6858, 0.3133, 0.3008



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.



57.8031, 0.3141, 0.2482



51.4295, 0.3143, 0.2316



56.2090, 0.3465, 0.2829



18.2649, 0.3132, 0.3055



14.0030, 0.3119, 0.1492



1.3735, 0.3130, 0.1498

Inverse Universe

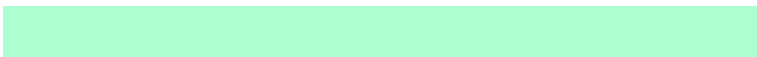
The Inverse Universe completely reimagines the original color for something new.



54.2750, 0.3846, 0.3261



47.3947, 0.4074, 0.3255



85.0505, 0.2890, 0.3804



17.9977, 0.3289, 0.3282



11.1240, 0.6364, 0.3280



1.0867, 0.6278, 0.3232

Previews

White Background



This preview shows how the Yxy color 57.8026, 0.3141, 0.2482 looks on a white background.

Color Contrast Check

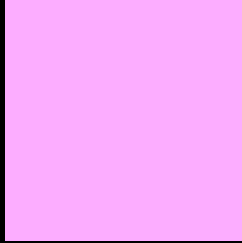
Large Text (above 18pt) WCAG AA × Fail

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 57.8026, 0.3141, 0.2482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

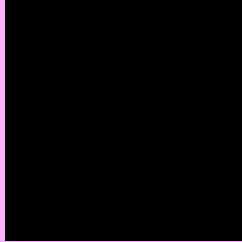
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8026, 0.3141, 0.2482

Background



This preview shows how black text looks on a background with the Yxy color 57.8026, 0.3141, 0.2482.



This preview shows how white text looks on a background with the Yxy color 57.8026, 0.3141, 0.2482.

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

57.8026, 0.3141, 0.2482

Protanopia

58.3811, 0.2662, 0.2658

Deuteranopia

57.9142, 0.2742, 0.2673



Tritanopia

57.5913, 0.3525, 0.3141

Trichromacy



Original Color

57.8026, 0.3141, 0.2482



Protanomaly

57.6022, 0.2817, 0.2586



Deuteranomaly

57.4418, 0.2879, 0.2601



Tritanomaly

57.5311, 0.3381, 0.2883

Monochromacy



Original Color

57.8026, 0.3141, 0.2482



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.6534, 0.3135, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8026, 0.3141, 0.2482 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(252, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 173, 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(252, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 173, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.8026, 0.3141, 0.2482 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(252, 173, 255) }
```

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

```
.border{ border-color:rgb(252, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 173,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8026, 0.3141, 0.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 173, 255) }
```

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

```
.background{ background-color: rgb(252,  
173, 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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