

Converting Colors

$Yxy(57.7403, 0.3100, 0.2852)$

Have a look what the booklet for
Yxy(57.7403, 0.3100, 0.2852)
contains.

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Color

Yxy(57.7403, 0.3100, 0.2852)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DFBDE5 |
| RGB | 223, 189, 229 |
| RGB Percent | 87%, 74%, 90% |
| CMY | 0.1256, 0.2587, 0.1020 |
| CMYK | 0.03, 0.17, 0.00, 0.10 |
| HSL | 291°, 43%, 82% |
| HSV | 291°, 17%, 90% |
| XYZ | 62.7612, 57.7403, 81.9540 |
| YIQ | 203.7260, 7.4240, 19.6480 |

Conversions

Conversions Part 2

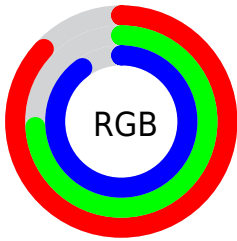
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 189, 229 |
| Decimal | 14663141 |
| CIE Lab | 80.59, 19.04, -15.39 |
| CIE LCh | 81, 24.484, 321.065 |
| Yxy | 57.7403, 0.3100, 0.2852 |
| Android (android.graphics.Color) | 4292853221 (0xFFDFBDE5) |
| YUV | 203.7260, 12.4601, 16.9033 |
| Hunter-Lab | 75.9870, 14.4541, -10.7549 |

Details

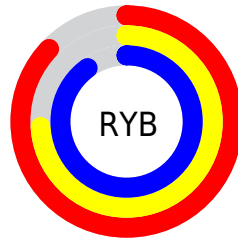
The Yxy color **57.7403, 0.3100, 0.2852** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.3132, 0.3146, 0.3757**, and the grayscale version is **60.1171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **28.9503, 0.3099, 0.2761** is the 20% darker color. If you saturate the color by 10%, you get **48.1131, 0.3079, 0.2591**, and if you desaturate by 10%, it is **68.9389, 0.3117, 0.3107**.

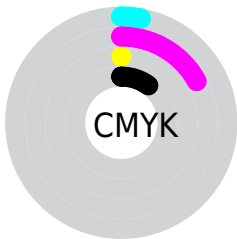
Distribution



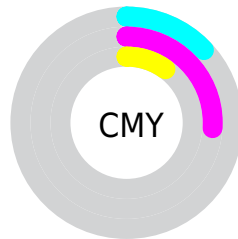
- Red (87%)
- Green (74%)
- Blue (90%)



- Red (87%)
- Yellow (74%)
- Blue (90%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)




- Cyan (13%)
- Magenta (26%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7403, 0.3100, 0.2852 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 57.7403, 0.3100, 0.2852 by changing the saturation by 10% instead.


 57.7403, 0.3100,
0.2852

 57.7403, 0.3100,
0.2852


416.2175, 0.3116,
0.3056

 41.5999, 0.3096,
0.2805


 101.5446, 0.3106,
0.2923

 28.7881, 0.3090,
0.2747


129.9773, 0.3108,
0.2951

 18.9206, 0.3081,
0.2674


163.2761, 0.3110,
0.2974

 11.6129, 0.3069,
0.2577

201.8256, 0.3112,
0.2995

 6.4807, 0.3050,
0.2445

246.0101, 0.3113,
0.3013

 3.1395, 0.3018,
0.2256

296.2140, 0.3114,

 1.2050, 0.2955,

0.3029

0.1960

352.8217, 0.3115,
0.3043

0.0658, 0.3010,
0.0375

0.0000, 0.0000,
0.0000

57.7403, 0.3100,
0.2852

57.7403, 0.3100,
0.2852

48.1131, 0.3079,
0.2591

68.9389, 0.3117,
0.3107

39.9770, 0.3054,
0.2333

81.7695, 0.3130,
0.3351

33.2558, 0.3024,
0.2085

94.5529, 0.3142,
0.3553

27.8636, 0.2990,
0.1860

95.1404, 0.3163,
0.3551

■ 23.7051, 0.2954,
0.1667

■ 95.7393, 0.3185,
0.3550

■ 20.6722, 0.2915,
0.1515

■ 96.3497, 0.3207,
0.3548

■ 18.6379, 0.2875,
0.1407

■ 96.9717, 0.3229,
0.3546

■ 17.4328, 0.2836,
0.1343

■ 97.6053, 0.3251,
0.3544

■ 17.1892, 0.2826,
0.1330

■ 98.2505, 0.3273,
0.3543

Harmonies

Analogous

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



57.7403, 0.2801, 0.2768



57.7403, 0.3100, 0.2852



57.7403, 0.3421, 0.3039

Triad

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



57.7403, 0.3100, 0.2852



57.7403, 0.3676, 0.3764



57.7403, 0.2611, 0.3254

Complementary

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



57.7403, 0.3100, 0.2852



71.3132, 0.3146, 0.3757

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.



57.7403, 0.2826, 0.3558



57.7403, 0.3100, 0.2852



57.7403, 0.3441, 0.3860

Square

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



57.7403, 0.3100, 0.2852



57.7403, 0.3763, 0.3551



57.7403, 0.3128, 0.3788



57.7403, 0.2530, 0.2980

Rectangle

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



57.7403, 0.3100, 0.2852



57.7403, 0.3600, 0.3201



57.7403, 0.3128, 0.3788



57.7403, 0.2670, 0.3357

Sweetspot

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



57.7428, 0.3100, 0.2852



91.7706, 0.3120, 0.3167



55.8144, 0.2845, 0.2898



19.4043, 0.3119, 0.3150



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.



57.7428, 0.3100, 0.2852



68.9649, 0.3093, 0.2757



58.0004, 0.3249, 0.2998



14.4994, 0.3114, 0.3057



9.8715, 0.2832, 0.1334



0.7594, 0.2890, 0.1366

Inverse Universe

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



57.0020, 0.3413, 0.3223



67.8726, 0.3489, 0.3208



71.1324, 0.3023, 0.3601



14.4032, 0.3269, 0.3255



9.6029, 0.6188, 0.3182



0.7206, 0.5831, 0.2986

Previews

White Background



This preview shows how the Yxy color 57.7403, 0.3100, 0.2852 looks on a white background.

Color Contrast Check

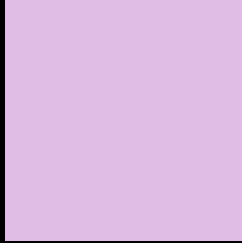
Large Text (above 18pt) WCAG AA × Fail

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 57.7403, 0.3100, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

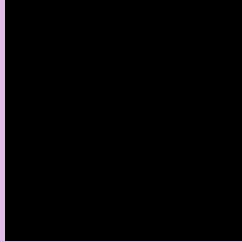
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7403, 0.3100, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 57.7403, 0.3100, 0.2852.



This preview shows how white text looks on a background with the Yxy color 57.7403, 0.3100, 0.2852.

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

57.7403, 0.3100, 0.2852

Protanopia

57.7238, 0.2836, 0.2863

Deuteranopia

57.8970, 0.2983, 0.2915



Tritanopia

57.9096, 0.3232, 0.3121

Trichromacy



Original Color

57.7403, 0.3100, 0.2852

Protanomaly

57.7508, 0.2927, 0.2859

Deuteranomaly

57.8875, 0.3029, 0.2897

Tritanomaly

58.0293, 0.3180, 0.3022

Monochromacy



Original Color

57.7403, 0.3100, 0.2852

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.4998, 0.3119, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7403, 0.3100, 0.2852 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(223, 189, 229)` looks like.

```
.text, #text, p{  
    color:rgb(223, 189, 229)  
}
```

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(223, 189, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 189, 229) }
```

Border

The CSS property to change the border of an element to Yxy 57.7403, 0.3100, 0.2852 is called "border". The border property can be set on classes, ids or directly on the HTML element.

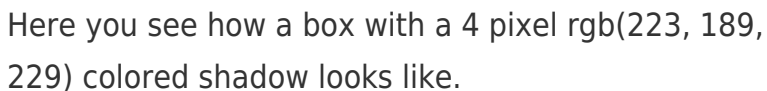
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 189, 229) }
```

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

```
.border{ border-color:rgb(223, 189, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 189, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 189, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 189, 229); box-shadow:4px 4px 4px 4px rgb(223, 189, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7403, 0.3100, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 189, 229) }
```

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

```
.background{ background-color: rgb(223,  
189, 229) }
```

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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