

Converting Colors

$Y_{xy}(57.6702, 0.3205, 0.2965)$

Have a look what the booklet for
Yxy(57.6702, 0.3205, 0.2965)
contains.

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Color

Yxy(57.6259, 0.3207, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	E2BDDA
RGB	226, 189, 218
RGB Percent	89%, 74%, 85%
CMY	0.1136, 0.2589, 0.1451
CMYK	0.00, 0.16, 0.04, 0.11
HSL	313°, 39%, 81%
HSV	313°, 16%, 89%
XYZ	62.2243, 57.6259, 74.1764
YIQ	203.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

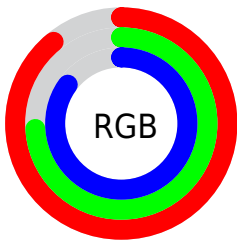
Format	Color
R _Y B	226, 189, 218
Decimal	14859738
CIE Lab	80.53, 18.08, -9.55
CIE LCh	81, 20.442, 332.152
Yxy	57.6259, 0.3207, 0.2970
Android (android.graphics.Color)	4293049818 (0xFFE2BDDA)
YUV	203.3690, 7.2131, 19.8474
Hunter-Lab	75.9117, 13.4697, -4.7964

Details

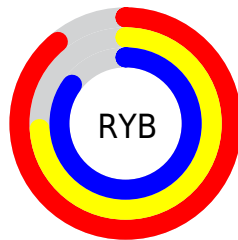
The Yxy color **57.6259, 0.3207, 0.2970** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.2605, 0.3056, 0.3633**, and the grayscale version is **59.9160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **28.7987, 0.3221, 0.2900** is the 20% darker color. If you saturate the color by 10%, you get **48.3979, 0.3266, 0.2768**, and if you desaturate by 10%, it is **68.3819, 0.3156, 0.3168**.

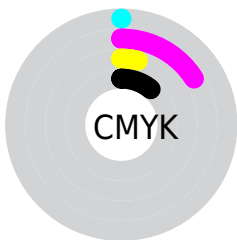
Distribution



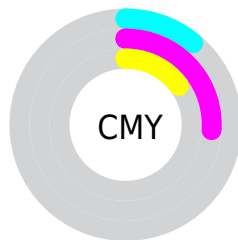
- Red (89%)
- Green (74%)
- Blue (85%)



- Red (89%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (11%)





- Cyan (11%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6259, 0.3207, 0.2970 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 57.6259, 0.3207, 0.2970 by changing the saturation by 10% instead.


 57.6259, 0.3207,
0.2970

 57.6259, 0.3207,
0.2970

415.7905, 0.3170,
0.3120

 41.5080, 0.3215,
0.2935


 101.3779, 0.3194,
0.3023

 28.7162, 0.3225,
0.2892


129.7807, 0.3189,
0.3043

 18.8662, 0.3238,
0.2836


163.0473, 0.3185,
0.3060

 11.5737, 0.3255,
0.2763

201.5621, 0.3181,
0.3076

 6.4541, 0.3277,
0.2662

245.7094, 0.3178,
0.3089

 3.1231, 0.3309,
0.2513

295.8736, 0.3175,

 1.1963, 0.3356,

0.3101

0.2273

352.4392, 0.3173,
0.3111

0.0587, 0.3861,
0.0456

0.0000, 0.0000,
0.0000

57.6259, 0.3207,
0.2970

57.6259, 0.3207,
0.2970

48.3979, 0.3266,
0.2768

68.3819, 0.3156,
0.3168

40.6203, 0.3333,
0.2567

80.7237, 0.3112,
0.3357

34.2200, 0.3407,
0.2377

93.5601, 0.3075,
0.3518

29.1146, 0.3487,
0.2205

93.8435, 0.3048,
0.3467

■ 25.2130, 0.3572,
0.2064

■ 94.1347, 0.3021,
0.3416

■ 22.4119, 0.3659,
0.1961

■ 94.4338, 0.2994,
0.3366

■ 20.5910, 0.3745,
0.1905

■ 94.7409, 0.2967,
0.3317

■ 19.5988, 0.3827,
0.1895

■ 94.9140, 0.2952,
0.3289

■ 19.3504, 0.3856,
0.1898

Harmonies

Analogous

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



57.6259, 0.2941, 0.2864



57.6259, 0.3207, 0.2970



57.6259, 0.3461, 0.3153

Triad

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



57.6259, 0.3207, 0.2970



57.6259, 0.3527, 0.3731



57.6259, 0.2653, 0.3171

Complementary

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



57.6259, 0.3207, 0.2970



69.2605, 0.3056, 0.3633

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.



57.6259, 0.2798, 0.3423



57.6259, 0.3207, 0.2970



57.6259, 0.3299, 0.3758

Square

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



57.6259, 0.3207, 0.2970



57.6259, 0.3648, 0.3586



57.6259, 0.3032, 0.3644



57.6259, 0.2631, 0.2967

Rectangle

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



57.6259, 0.3207, 0.2970



57.6259, 0.3584, 0.3300



57.6259, 0.3032, 0.3644



57.6259, 0.2689, 0.3253

Sweetspot

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



57.6284, 0.3207, 0.2970



91.9565, 0.3150, 0.3194



53.7577, 0.2921, 0.2857



19.4497, 0.3153, 0.3180



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.



57.6284, 0.3207, 0.2970



70.9742, 0.3228, 0.2895



56.7124, 0.3353, 0.3172



13.8821, 0.3171, 0.3108



11.0541, 0.3844, 0.1891



0.7790, 0.3727, 0.1827

Inverse Universe

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



57.6284, 0.3207, 0.2970



70.9742, 0.3228, 0.2895



70.1624, 0.2942, 0.3411



13.8821, 0.3171, 0.3108



11.0541, 0.3844, 0.1891



0.7790, 0.3727, 0.1827

Previews

White Background



This preview shows how the Yxy color 57.6259, 0.3207, 0.2970 looks on a white background.

Color Contrast Check

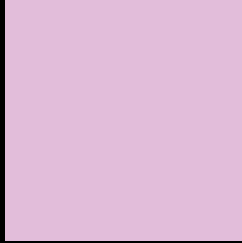
Large Text (above 18pt) WCAG AA × Fail

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 57.6259, 0.3207, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

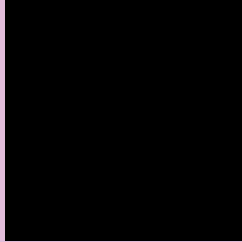
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6259, 0.3207, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 57.6259, 0.3207, 0.2970.



This preview shows how white text looks on a background with the Yxy color 57.6259, 0.3207, 0.2970.

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

57.6259, 0.3207, 0.2970

Protanopia

57.9644, 0.2930, 0.2998

Deuteranopia

57.5904, 0.3100, 0.3028



Tritanopia

57.5651, 0.3282, 0.3122

Trichromacy



Original Color

57.6259, 0.3207, 0.2970

Protanomaly

57.5695, 0.3025, 0.2981

Deuteranomaly

57.4607, 0.3140, 0.3008

Tritanomaly

57.4876, 0.3260, 0.3067

Monochromacy



Original Color

57.6259, 0.3207, 0.2970

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.7911, 0.3156, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6259, 0.3207, 0.2970 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(226, 189, 218)` looks like.

```
.text, #text, p{  
    color:rgb(226, 189, 218)  
}
```

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(226, 189, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 189, 218) }
```

Border

The CSS property to change the border of an element to Yxy 57.6259, 0.3207, 0.2970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

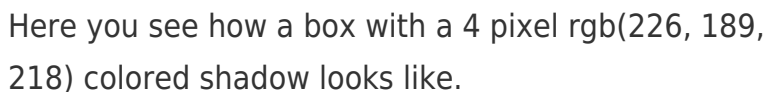
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 189, 218) }
```

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

```
.border{ border-color:rgb(226, 189, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 189, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 189, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 189, 218); box-shadow:4px 4px 4px 4px rgb(226, 189, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6259, 0.3207, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 189, 218) }
```

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

```
.background{ background-color: rgb(226,  
189, 218) }
```

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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