

Converting Colors

$Yxy(57.8837, 0.2951, 0.2574)$

Have a look what the booklet for
Yxy(57.8837, 0.2951, 0.2574)
contains.

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Color

Yxy(57.9585, 0.2953, 0.2576)

Conversions

Conversions Part 1

Format	Color
Hex	E2B9FD
RGB	226, 185, 253
RGB Percent	89%, 73%, 99%
CMY	0.1137, 0.2745, 0.0079
CMYK	0.11, 0.27, 0.00, 0.01
HSL	276°, 94%, 86%
HSV	276°, 27%, 99%
XYZ	66.4408, 57.9585, 100.5949
YIQ	205.0110, 2.6080, 29.8400

Conversions

Conversions Part 2

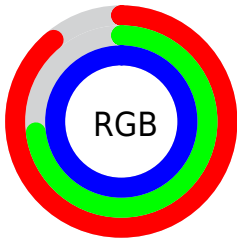
Format	Color
R _Y B	226, 185, 253
Decimal	14858749
CIE Lab	80.72, 26.87, -28.04
CIE LCh	81, 38.835, 313.779
Yxy	57.9585, 0.2953, 0.2576
Android (android.graphics.Color)	4293048829 (0xFFE2B9FD)
YUV	205.0110, 23.6586, 18.4074
Hunter-Lab	76.1305, 22.5526, -25.0514

Details

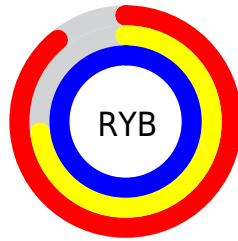
The Yxy color **57.9585, 0.2953, 0.2576** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.7338, 0.3260, 0.4027**, and the grayscale version is **60.9048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **29.0341, 0.2904, 0.2423** is the 20% darker color. If you saturate the color by 10%, you get **46.7253, 0.2869, 0.2289**, and if you desaturate by 10%, it is **71.1747, 0.3027, 0.2855**.

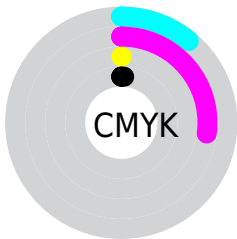
Distribution



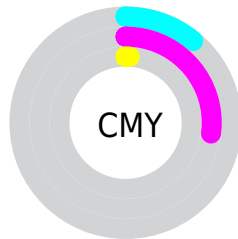
- Red (89%)
- Green (73%)
- Blue (99%)



- Red (89%)
- Yellow (73%)
- Blue (99%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)





- Cyan (11%)
- Magenta (27%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9585, 0.2953, 0.2576 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 57.9585, 0.2953, 0.2576 by changing the saturation by 10% instead.


 57.9585, 0.2953,
0.2576

 57.9585, 0.2953,
0.2576

417.0313, 0.3042,
0.2900

 41.7753, 0.2931,
0.2504

 101.8624, 0.2986,
0.2687

 28.9254, 0.2902,
0.2415


130.3519, 0.2998,
0.2731

 19.0244, 0.2865,
0.2305

163.7123, 0.3008,
0.2769

 11.6879, 0.2813,
0.2165

202.3280, 0.3017,
0.2802

 6.5315, 0.2740,
0.1980

246.5833, 0.3025,
0.2831

 3.1709, 0.2626,
0.1726

296.8627, 0.3031,

 1.2216, 0.2437,

0.2857

0.1367

353.5506, 0.3037,
0.2880

0.0792, 0.2208,
0.0239

0.0000, 0.0000,
0.0000

57.9585, 0.2953,
0.2576

57.9585, 0.2953,
0.2576

46.7253, 0.2869,
0.2289

71.1747, 0.3027,
0.2855

37.3662, 0.2774,
0.2004

86.4604, 0.3090,
0.3119

29.7731, 0.2672,
0.1731

99.8705, 0.3139,
0.3309

23.8232, 0.2564,
0.1487

■ 19.3776, 0.2456,
0.1282

■ 16.2733, 0.2350,
0.1126

■ 14.3043, 0.2251,
0.1023

■ 13.8234, 0.2222,
0.0998

Harmonies

Analogous

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



57.9585, 0.2524, 0.2486



57.9585, 0.2953, 0.2576



57.9585, 0.3467, 0.2821

Triad

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



57.9585, 0.2953, 0.2576



57.9585, 0.4048, 0.3943



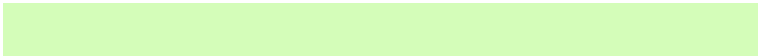
57.9585, 0.2387, 0.3338

Complementary

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



57.9585, 0.2953, 0.2576



87.7338, 0.3260, 0.4027

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.



57.9585, 0.2752, 0.3835



57.9585, 0.2953, 0.2576



57.9585, 0.3713, 0.4179

Square

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



57.9585, 0.2953, 0.2576



57.9585, 0.4129, 0.3574



57.9585, 0.3236, 0.4158



57.9585, 0.2219, 0.2877

Rectangle

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



57.9585, 0.2953, 0.2576



57.9585, 0.3783, 0.3048



57.9585, 0.3236, 0.4158



57.9585, 0.2490, 0.3510

Sweetspot

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



57.9609, 0.2953, 0.2576



86.1648, 0.3083, 0.3090



64.5902, 0.2689, 0.2832



17.9197, 0.3074, 0.3051



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.



57.9609, 0.2953, 0.2576



52.8886, 0.2911, 0.2429



62.2442, 0.3209, 0.2681



17.9197, 0.3074, 0.3051



7.4420, 0.2237, 0.1006



0.7881, 0.2345, 0.1065

Inverse Universe

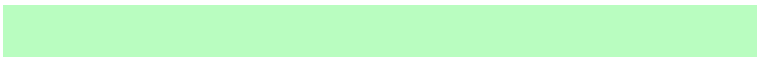
The Inverse Universe completely reimagines the original color for something new.



60.3316, 0.3481, 0.3012



55.7463, 0.3573, 0.2956



84.3491, 0.3054, 0.3986



18.1065, 0.3232, 0.3196



11.6291, 0.5397, 0.2747



1.1531, 0.5095, 0.2580

Previews

White Background



This preview shows how the Yxy color 57.9585, 0.2953, 0.2576 looks on a white background.

Color Contrast Check

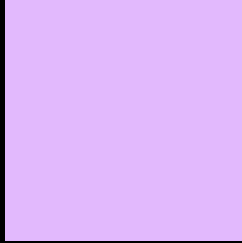
Large Text (above 18pt) WCAG AA × Fail

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 57.9585, 0.2953, 0.2576 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 57.9585, 0.2953, 0.2576

Background



This preview shows how black text looks on a background with the Yxy color 57.9585, 0.2953, 0.2576.



This preview shows how white text looks on a background with the Yxy color 57.9585, 0.2953, 0.2576.

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

57.9585, 0.2953, 0.2576

Protanopia

58.5060, 0.2669, 0.2659

Deuteranopia

58.3669, 0.2743, 0.2685



Tritanopia

57.8034, 0.3216, 0.3109

Trichromacy



Original Color

57.9585, 0.2953, 0.2576

Protanomaly

58.1568, 0.2770, 0.2629

Deuteranomaly

58.2900, 0.2817, 0.2644

Tritanomaly

57.7927, 0.3121, 0.2904

Monochromacy



Original Color

57.9585, 0.2953, 0.2576

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.8082, 0.3071, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9585, 0.2953, 0.2576 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, 185, 253)` looks like.

```
.text, #text, p{  
    color:rgb(226, 185, 253)  
}
```

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, 185, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 185, 253) }
```

Border

The CSS property to change the border of an element to Yxy 57.9585, 0.2953, 0.2576 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, 185, 253) }
```

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

```
.border{ border-color:rgb(226, 185, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 185, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 185, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 185, 253);  
box-shadow:4px 4px 4px 4px rgb(226, 185,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9585, 0.2953, 0.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 185, 253) }
```

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

```
.background{ background-color: rgb(226,  
185, 253) }
```

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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