

Converting Colors

Yxy(57.0143, 0.2908, 0.2540)

Have a look what the booklet for
Yxy(57.0143, 0.2908, 0.2540)
contains.

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Color

Yxy(57.0306, 0.2909, 0.2540)

Conversions

Conversions Part 1

Format	Color
Hex	DEB8FF
RGB	222, 184, 255
RGB Percent	87%, 72%, 100%
CMY	0.1294, 0.2784, 0.0000
CMYK	0.13, 0.28, 0.00, 0.00
HSL	272°, 100%, 86%
HSV	272°, 28%, 100%
XYZ	65.3158, 57.0306, 102.1836
YIQ	203.4560, -0.1430, 30.1370

Conversions

Conversions Part 2

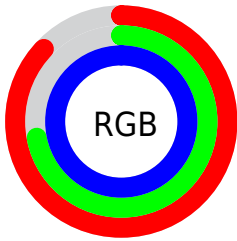
Format	Color
R _Y B	222, 184, 255
Decimal	14596351
CIE Lab	80.20, 26.59, -29.95
CIE LCh	80, 40.051, 311.591
Yxy	57.0306, 0.2909, 0.2540
Android (android.graphics.Color)	4292786431 (0xFFDEB8FF)
YUV	203.4560, 25.4112, 16.2631
Hunter-Lab	75.5186, 22.2264, -27.3618

Details

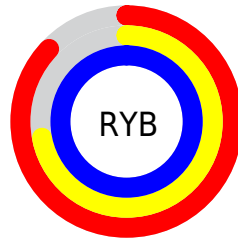
The Yxy color **57.0306, 0.2909, 0.2540** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.7331, 0.3296, 0.4050**, and the grayscale version is **59.8604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **28.4168, 0.2846, 0.2377** is the 20% darker color. If you saturate the color by 10%, you get **45.5692, 0.2808, 0.2245**, and if you desaturate by 10%, it is **70.5360, 0.2998, 0.2825**.

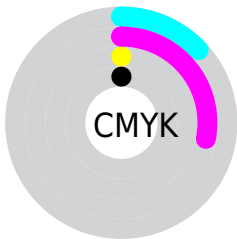
Distribution



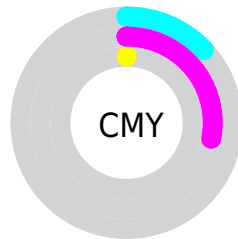
- Red (87%)
- Green (72%)
- Blue (100%)



- Red (87%)
- Yellow (72%)
- Blue (100%)



- Cyan (13%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)




- Cyan (13%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0306, 0.2909, 0.2540 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 57.0306, 0.2909, 0.2540 by changing the saturation by 10% instead.


 57.0306, 0.2909,
0.2540

 57.0306, 0.2909,
0.2540


413.5640, 0.3020,
0.2881

 41.0298, 0.2882,
0.2464


 100.5098, 0.2949,
0.2657

 28.3424, 0.2847,
0.2371


128.7571, 0.2964,
0.2703

 18.5839, 0.2801,
0.2256


161.8552, 0.2977,
0.2742

 11.3700, 0.2739,
0.2109

200.1887, 0.2988,
0.2777

 6.3163, 0.2651,
0.1915

244.1420, 0.2997,
0.2808

 3.0383, 0.2517,
0.1652

294.0993, 0.3006,

 1.1518, 0.2297,

0.2835

0.1282

350.4452, 0.3013,
0.2859

0.0218, 0.2011,
0.0065

0.0000, 0.0000,
0.0000

57.0306, 0.2909,
0.2540

57.0306, 0.2909,
0.2540

45.5692, 0.2808,
0.2245

70.5360, 0.2998,
0.2825

36.0419, 0.2695,
0.1950

86.1784, 0.3075,
0.3094

28.3353, 0.2574,
0.1668

100.0000, 0.3127,
0.3290

22.3216, 0.2449,
0.1414

■ 17.8561, 0.2324,
0.1201

■ 14.7683, 0.2205,
0.1041

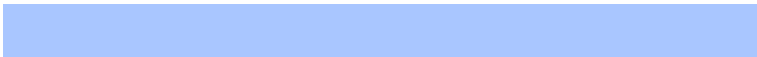
■ 12.8311, 0.2097,
0.0935

■ 12.4939, 0.2075,
0.0917

Harmonies

Analogous

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



57.0306, 0.2477, 0.2460



57.0306, 0.2909, 0.2540



57.0306, 0.3441, 0.2783

Triad

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



57.0306, 0.2909, 0.2540



57.0306, 0.4097, 0.3939



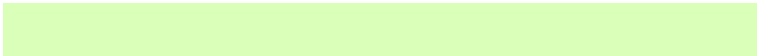
57.0306, 0.2383, 0.3378

Complementary

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



57.0306, 0.2909, 0.2540



89.7331, 0.3296, 0.4050

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.



57.0306, 0.2771, 0.3890



57.0306, 0.2909, 0.2540



57.0306, 0.3764, 0.4200

Square

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



57.0306, 0.2909, 0.2540



57.0306, 0.4160, 0.3551



57.0306, 0.3276, 0.4205



57.0306, 0.2194, 0.2890

Rectangle

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



57.0306, 0.2909, 0.2540



57.0306, 0.3774, 0.3012



57.0306, 0.3276, 0.4205



57.0306, 0.2493, 0.3556

Sweetspot

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



57.0321, 0.2909, 0.2540



85.9136, 0.3074, 0.3090



67.1063, 0.2678, 0.2867



17.8564, 0.3063, 0.3050



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.



57.0321, 0.2909, 0.2540



50.8707, 0.2858, 0.2389



62.6110, 0.3177, 0.2616



17.8564, 0.3063, 0.3050



6.6181, 0.2091, 0.0926



0.7094, 0.2210, 0.0991

Inverse Universe

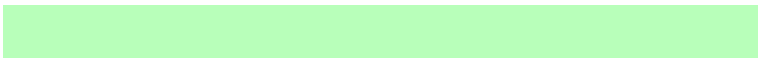
The Inverse Universe completely reimagines the original color for something new.



60.5525, 0.3458, 0.2953



54.9805, 0.3540, 0.2888



85.2717, 0.3077, 0.4072



18.1276, 0.3221, 0.3180



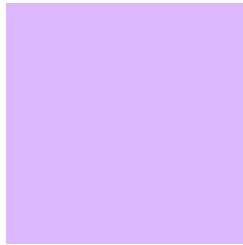
11.8283, 0.5114, 0.2591



1.1735, 0.4841, 0.2440

Previews

White Background



This preview shows how the Yxy color 57.0306, 0.2909, 0.2540 looks on a white background.

Color Contrast Check

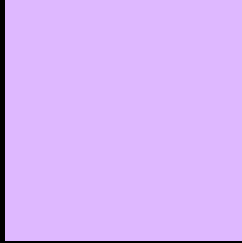
Large Text (above 18pt) WCAG AA × Fail

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 57.0306, 0.2909, 0.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

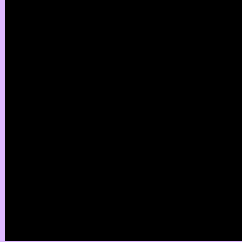
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0306, 0.2909, 0.2540

Background



This preview shows how black text looks on a background with the Yxy color 57.0306, 0.2909, 0.2540.

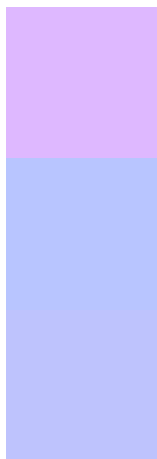


This preview shows how white text looks on a background with the Yxy color 57.0306, 0.2909, 0.2540.

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

57.0306, 0.2909, 0.2540

Protanopia

57.3429, 0.2654, 0.2633

Deuteranopia

57.0692, 0.2702, 0.2637



Tritanopia

56.9901, 0.3183, 0.3118

Trichromacy



Original Color

57.0306, 0.2909, 0.2540



Protanomaly

56.9250, 0.2742, 0.2593



Deuteranomaly

56.9739, 0.2775, 0.2597

Tritanomaly

57.0149, 0.3082, 0.2899

Monochromacy



Original Color

57.0306, 0.2909, 0.2540



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.4554, 0.3048, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0306, 0.2909, 0.2540 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(222, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 184, 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(222, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 184, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.0306, 0.2909, 0.2540 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(222, 184, 255) }
```

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

```
.border{ border-color:rgb(222, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 184,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0306, 0.2909, 0.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 184, 255) }
```

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

```
.background{ background-color: rgb(222,  
184, 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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