

Converting Colors

Yxy(57.0454, 0.2895, 0.2545)

Have a look what the booklet for
Yxy(57.0454, 0.2895, 0.2545)
contains.

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Color

Yxy(57.1336, 0.2895, 0.2548)

Conversions

Conversions Part 1

Format	Color
Hex	DCB9FF
RGB	220, 185, 255
RGB Percent	86%, 73%, 100%
CMY	0.1372, 0.2745, 0.0001
CMYK	0.14, 0.27, 0.00, 0.00
HSL	270°, 100%, 86%
HSV	270°, 27%, 100%
XYZ	64.9144, 57.1336, 102.1812
YIQ	203.4450, -1.6100, 29.1900

Conversions

Conversions Part 2

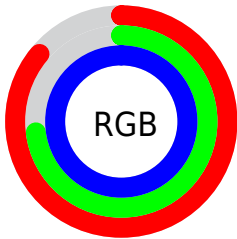
Format	Color
R _{YB}	220, 185, 255
Decimal	14465535
CIE Lab	80.25, 25.43, -29.85
CIE LCh	80, 39.217, 310.427
Yxy	57.1336, 0.2895, 0.2548
Android (android.graphics.Color)	4292655615 (0xFFDCB9FF)
YUV	203.4450, 25.4166, 14.5187
Hunter-Lab	75.5868, 21.0200, -27.2399

Details

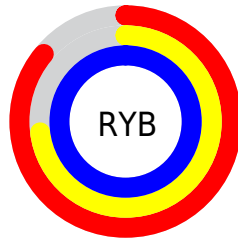
The Yxy color **57.1336, 0.2895, 0.2548** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.2046, 0.3309, 0.4034**, and the grayscale version is **59.8555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **28.4723, 0.2828, 0.2385** is the 20% darker color. If you saturate the color by 10%, you get **45.4959, 0.2786, 0.2250**, and if you desaturate by 10%, it is **70.8401, 0.2991, 0.2835**.

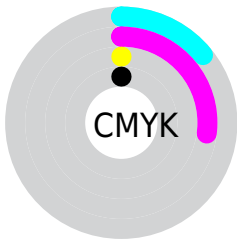
Distribution



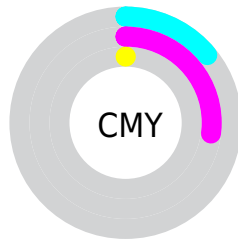
- Red (86%)
- Green (73%)
- Blue (100%)



- Red (86%)
- Yellow (73%)
- Blue (100%)



- Cyan (14%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1336, 0.2895, 0.2548 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 57.1336, 0.2895, 0.2548 by changing the saturation by 10% instead.


 57.1336, 0.2895,
0.2548

 57.1336, 0.2895,
0.2548

413.9497, 0.3012,
0.2886

 41.1125, 0.2866,
0.2473


 100.6601, 0.2937,
0.2664

 28.4070, 0.2830,
0.2381


128.9343, 0.2953,
0.2709

 18.6327, 0.2782,
0.2266


162.0617, 0.2967,
0.2749

 11.4052, 0.2718,
0.2120

200.4266, 0.2978,
0.2783

 6.3401, 0.2626,
0.1927

244.4135, 0.2988,
0.2813

 3.0529, 0.2487,
0.1665

294.4067, 0.2997,

 1.1594, 0.2261,

0.2840

0.1295

350.7906, 0.3005,
0.2864

0.0282, 0.1954,
0.0085

0.0000, 0.0000,
0.0000

57.1336, 0.2895,
0.2548

57.1336, 0.2895,
0.2548

45.4959, 0.2786,
0.2250

70.8401, 0.2991,
0.2835

35.8141, 0.2666,
0.1950

86.7060, 0.3074,
0.3104

27.9756, 0.2536,
0.1661

99.9975, 0.3127,
0.3290

21.8524, 0.2402,
0.1399

■ 17.2999, 0.2270,
0.1179

■ 14.1481, 0.2145,
0.1012

■ 12.1766, 0.2032,
0.0901

■ 11.7789, 0.2005,
0.0878

Harmonies

Analogous

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



57.1336, 0.2477, 0.2476



57.1336, 0.2895, 0.2548



57.1336, 0.3414, 0.2781

Triad

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



57.1336, 0.2895, 0.2548



57.1336, 0.4085, 0.3914



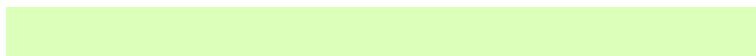
57.1336, 0.2409, 0.3397

Complementary

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



57.1336, 0.2895, 0.2548



90.2046, 0.3309, 0.4034

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.



57.1336, 0.2797, 0.3893



57.1336, 0.2895, 0.2548



57.1336, 0.3768, 0.4175

Square

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



57.1336, 0.2895, 0.2548



57.1336, 0.4134, 0.3531



57.1336, 0.3294, 0.4190



57.1336, 0.2215, 0.2916

Rectangle

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



57.1336, 0.2895, 0.2548



57.1336, 0.3743, 0.3004



57.1336, 0.3294, 0.4190



57.1336, 0.2520, 0.3571

Sweetspot

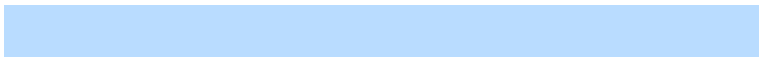
The Sweet Spot groups the original color and five complimentary colors.



57.1360, 0.2895, 0.2548



85.7867, 0.3069, 0.3089



68.7091, 0.2687, 0.2901



17.8245, 0.3058, 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.



57.1360, 0.2895, 0.2548



50.4319, 0.2836, 0.2383



63.1691, 0.3159, 0.2605



17.8245, 0.3058, 0.3050



6.2455, 0.2022, 0.0888



0.6730, 0.2144, 0.0955

Inverse Universe

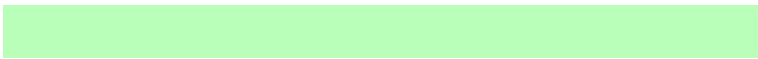
The Inverse Universe completely reimagines the original color for something new.



61.1156, 0.3432, 0.2934



55.1268, 0.3514, 0.2859



85.3131, 0.3090, 0.4086



18.1384, 0.3215, 0.3172



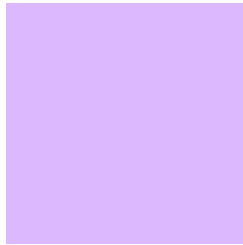
11.9443, 0.4967, 0.2510



1.1850, 0.4712, 0.2370

Previews

White Background



This preview shows how the Yxy color 57.1336, 0.2895, 0.2548 looks on a white background.

Color Contrast Check

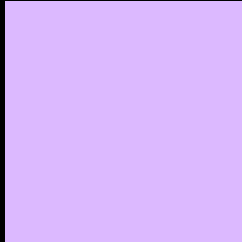
Large Text (above 18pt) WCAG AA × Fail

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 57.1336, 0.2895, 0.2548 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 57.1336, 0.2895, 0.2548

Background



This preview shows how black text looks on a background with the Yxy color 57.1336, 0.2895, 0.2548.

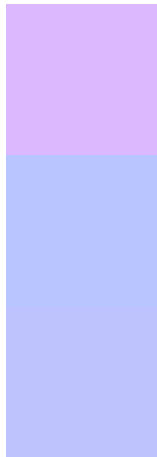


This preview shows how white text looks on a background with the Yxy color 57.1336, 0.2895, 0.2548.

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

57.1336, 0.2895, 0.2548

Protanopia

57.3429, 0.2654, 0.2633

Deuteranopia

57.0692, 0.2702, 0.2637



Tritanopia

57.3332, 0.3167, 0.3118

Trichromacy



Original Color

57.1336, 0.2895, 0.2548

Protanomaly

57.2302, 0.2736, 0.2603

Deuteranomaly

56.8349, 0.2768, 0.2595

Tritanomaly

57.3515, 0.3067, 0.2899

Monochromacy



Original Color

57.1336, 0.2895, 0.2548

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.3091, 0.3040, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1336, 0.2895, 0.2548 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(220, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 185, 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(220, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.1336, 0.2895, 0.2548 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(220, 185, 255) }
```

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

```
.border{ border-color:rgb(220, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1336, 0.2895, 0.2548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 185, 255) }
```

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

```
.background{ background-color: rgb(220,  
185, 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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