

Converting Colors

Yxy(54.0038, 0.2869, 0.2473)

Have a look what the booklet for
Yxy(54.0038, 0.2869, 0.2473)
contains.

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Color

Yxy(54.2119, 0.2870, 0.2478)

Conversions

Conversions Part 1

Format	Color
Hex	D9B3FF
RGB	217, 179, 255
RGB Percent	85%, 70%, 100%
CMY	0.1490, 0.2980, 0.0000
CMYK	0.15, 0.30, 0.00, 0.00
HSL	270°, 100%, 85%
HSV	270°, 30%, 100%
XYZ	62.7878, 54.2119, 101.7731
YIQ	199.0260, -1.7480, 31.6920

Conversions

Conversions Part 2

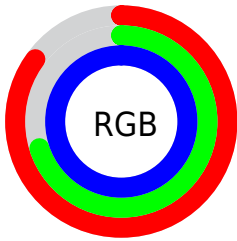
Format	Color
R _Y B	217, 179, 255
Decimal	14267391
CIE Lab	78.59, 27.77, -32.47
CIE LCh	79, 42.724, 310.534
Yxy	54.2119, 0.2870, 0.2478
Android (android.graphics.Color)	4292457471 (0xFFD9B3FF)
YUV	199.0260, 27.5952, 15.7632
Hunter-Lab	73.6287, 23.3678, -30.4133

Details

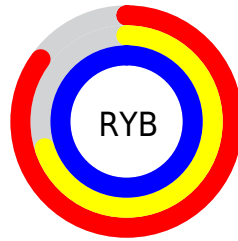
The Yxy color **54.2119, 0.2870, 0.2478** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89.5257, 0.3324, 0.4104**, and the grayscale version is **56.9597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **26.5760, 0.2794, 0.2295** is the 20% darker color. If you saturate the color by 10%, you get **43.0407, 0.2758, 0.2178**, and if you desaturate by 10%, it is **67.4267, 0.2969, 0.2768**.

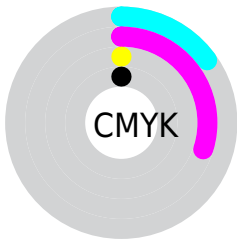
Distribution



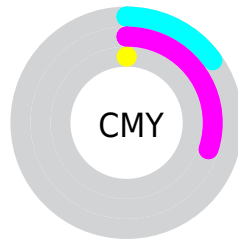
- Red (85%)
- Green (70%)
- Blue (100%)



- Red (85%)
- Yellow (70%)
- Blue (100%)



- Cyan (15%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2119, 0.2870, 0.2478 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 54.2119, 0.2870, 0.2478 by changing the saturation by 10% instead.


 54.2119, 0.2870,
0.2478

 54.2119, 0.2870,
0.2478


402.9175, 0.3001,
0.2848

 38.7711, 0.2838,
0.2395


 96.3853, 0.2918,
0.2605

 26.5817, 0.2796,
0.2295


123.8867, 0.2935,
0.2655

 17.2593, 0.2742,
0.2169


156.1771, 0.2950,
0.2698

 10.4196, 0.2668,
0.2009

193.6408, 0.2963,
0.2736

 5.6780, 0.2563,
0.1799

236.6624, 0.2975,
0.2769

 2.6503, 0.2404,
0.1515

285.6261, 0.2984,

 0.9520, 0.2145,

0.2798

0.1123

340.9163, 0.2993,
0.2825

0.0000, 0.1689,
0.0000

0.0000, 0.0000,
0.0000

54.2119, 0.2870,
0.2478

54.2119, 0.2870,
0.2478

43.0407, 0.2758,
0.2178

67.4267, 0.2969,
0.2768

33.8012, 0.2635,
0.1880

82.7805, 0.3055,
0.3042

26.3768, 0.2504,
0.1596

100.0000, 0.3127,
0.3290

20.6363, 0.2370,
0.1342

■ 16.4298, 0.2238,
0.1134

■ 13.5793, 0.2116,
0.0980

■ 11.8022, 0.2006,
0.0880

■ 11.7719, 0.2004,
0.0878

Harmonies

Analogous

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



54.2119, 0.2412, 0.2397



54.2119, 0.2870, 0.2478



54.2119, 0.3445, 0.2732

Triad

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



54.2119, 0.2870, 0.2478



54.2119, 0.4183, 0.3971



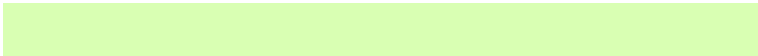
54.2119, 0.2334, 0.3403

Complementary

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



54.2119, 0.2870, 0.2478



89.5257, 0.3324, 0.4104

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.



54.2119, 0.2757, 0.3963



54.2119, 0.2870, 0.2478



54.2119, 0.3829, 0.4269

Square

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



54.2119, 0.2870, 0.2478



54.2119, 0.4244, 0.3548



54.2119, 0.3303, 0.4295



54.2119, 0.2126, 0.2869

Rectangle

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



54.2119, 0.2870, 0.2478



54.2119, 0.3812, 0.2974



54.2119, 0.3303, 0.4295



54.2119, 0.2454, 0.3599

Sweetspot

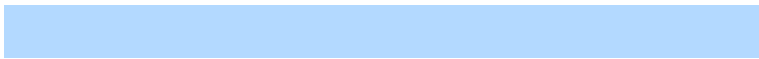
The Sweet Spot groups the original color and five complimentary colors.



54.2133, 0.2870, 0.2478



84.1099, 0.3062, 0.3063



66.4298, 0.2648, 0.2862



17.4900, 0.3050, 0.3025



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.



54.2133, 0.2870, 0.2478



47.0563, 0.2802, 0.2293



60.7206, 0.3162, 0.2546



17.8240, 0.3058, 0.3050



6.2399, 0.2021, 0.0887



0.6725, 0.2143, 0.0954

Inverse Universe

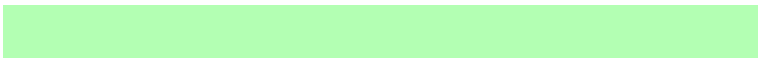
The Inverse Universe completely reimagines the original color for something new.



58.5101, 0.3466, 0.2902



52.1335, 0.3562, 0.2818



84.3585, 0.3086, 0.4166



18.1386, 0.3215, 0.3172



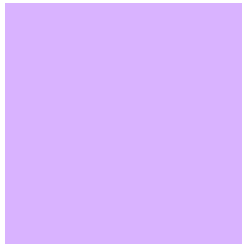
11.9462, 0.4965, 0.2509



1.1852, 0.4710, 0.2368

Previews

White Background



This preview shows how the Yxy color 54.2119, 0.2870, 0.2478 looks on a white background.

Color Contrast Check

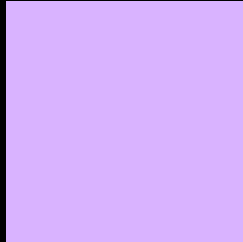
Large Text (above 18pt) WCAG AA × Fail

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 54.2119, 0.2870, 0.2478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

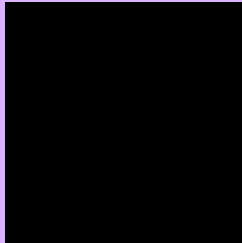
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2119, 0.2870, 0.2478

Background



This preview shows how black text looks on a background with the Yxy color 54.2119, 0.2870, 0.2478.

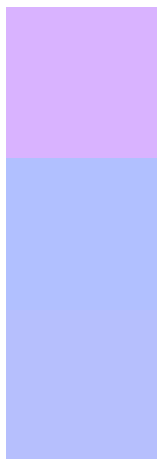


This preview shows how white text looks on a background with the Yxy color 54.2119, 0.2870, 0.2478.

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

54.2119, 0.2870, 0.2478

Protanopia

54.2664, 0.2602, 0.2566

Deuteranopia

54.2985, 0.2645, 0.2580



Tritanopia

54.3101, 0.3176, 0.3114

Trichromacy



Original Color

54.2119, 0.2870, 0.2478

Protanomaly

53.9671, 0.2696, 0.2528

Deuteranomaly

54.2985, 0.2723, 0.2542

Tritanomaly

54.0227, 0.3059, 0.2858

Monochromacy



Original Color

54.2119, 0.2870, 0.2478

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.9356, 0.3039, 0.2978

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2119, 0.2870, 0.2478 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(217, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 179, 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(217, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.2119, 0.2870, 0.2478 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(217, 179, 255) }
```

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

```
.border{ border-color:rgb(217, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 179,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2119, 0.2870, 0.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 179, 255) }
```

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

```
.background{ background-color: rgb(217,  
179, 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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