

Converting Colors

Yxy(54.5840, 0.2898, 0.2479)

Have a look what the booklet for
Yxy(54.5840, 0.2898, 0.2479)
contains.

Yxy(54.4329, 0.2900, 0.2475)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.4329, 0.2900, 0.2475)

Conversions

Conversions Part 1

Format	Color
Hex	DDB2FF
RGB	221, 178, 255
RGB Percent	87%, 70%, 100%
CMY	0.1334, 0.3019, 0.0002
CMYK	0.13, 0.30, 0.00, 0.00
HSL	274°, 100%, 85%
HSV	274°, 30%, 100%
XYZ	63.7800, 54.4329, 101.7180
YIQ	199.6350, 0.9110, 33.0630

Conversions

Conversions Part 2

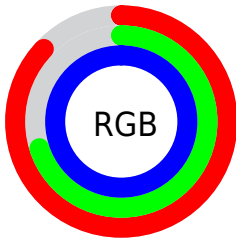
Format	Color
RYB	221, 178, 255
Decimal	14529279
CIELab	78.71, 29.49, -32.21
CIELCh	79, 43.677, 312.477
Yxy	54.4329, 0.2900, 0.2475
Android (android.graphics.Color)	4292719359 (0xFFDDB2FF)
YUV	199.6350, 27.2949, 18.7371
Hunter-Lab	73.7787, 25.1965, -30.0976

Details

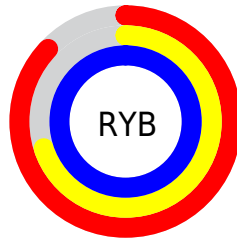
The Yxy color **54.4329, 0.2900, 0.2475** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **88.7055, 0.3297, 0.4123**, and the grayscale version is **57.3520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **26.7438, 0.2833, 0.2293** is the 20% darker color. If you saturate the color by 10%, you get **43.5053, 0.2801, 0.2182**, and if you desaturate by 10%, it is **67.3690, 0.2987, 0.2761**.

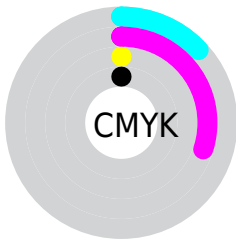
Distribution



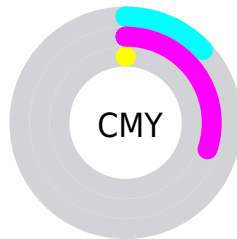
- Red (87%)
- Green (70%)
- Blue (100%)



- Red (87%)
- Yellow (70%)
- Blue (100%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4329, 0.2900, 0.2475 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 54.4329, 0.2900, 0.2475 by changing the saturation by 10% instead.


 54.4329, 0.2900,
0.2475

 54.4329, 0.2900,
0.2475


403.7586, 0.3017,
0.2846

 38.9479, 0.2871,
0.2392


 96.7096, 0.2943,
0.2602

 26.7192, 0.2833,
0.2292

124.2700, 0.2959,
0.2652

 17.3624, 0.2784,
0.2167


156.6243, 0.2972,
0.2695

 10.4932, 0.2717,
0.2007

194.1570, 0.2984,
0.2733

 5.7272, 0.2620,
0.1798

237.2524, 0.2994,
0.2766

 2.6799, 0.2473,
0.1517

286.2948, 0.3002,

 0.9670, 0.2230,

0.2796

0.1127

341.6688, 0.3010,
0.2822

0.0000, 0.1837,
0.0000

0.0000, 0.0000,
0.0000

54.4329, 0.2900,
0.2475

54.4329, 0.2900,
0.2475

43.5053, 0.2801,
0.2182

67.3690, 0.2987,
0.2761

34.4725, 0.2693,
0.1892

82.4056, 0.3062,
0.3033

27.2194, 0.2576,
0.1620

99.6370, 0.3126,
0.3286

21.6156, 0.2456,
0.1378

99.9974, 0.3127,
0.3290

■ 17.5115, 0.2337,
0.1181

■ 14.7293, 0.2225,
0.1037

■ 13.0017, 0.2124,
0.0943

Harmonies

Analogous

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



54.4329, 0.2422, 0.2380



54.4329, 0.2900, 0.2475



54.4329, 0.3489, 0.2743

Triad

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



54.4329, 0.2900, 0.2475



54.4329, 0.4189, 0.4007



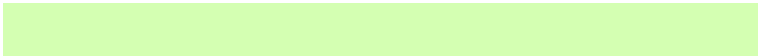
54.4329, 0.2297, 0.3365

Complementary

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



54.4329, 0.2900, 0.2475



88.7055, 0.3297, 0.4123

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.



54.4329, 0.2715, 0.3945



54.4329, 0.2900, 0.2475



54.4329, 0.3811, 0.4301

Square

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



54.4329, 0.2900, 0.2475



54.4329, 0.4274, 0.3581



54.4329, 0.3268, 0.4306



54.4329, 0.2101, 0.2829

Rectangle

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



54.4329, 0.2900, 0.2475



54.4329, 0.3859, 0.2994



54.4329, 0.3268, 0.4306



54.4329, 0.2415, 0.3566

Sweetspot

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



54.4352, 0.2900, 0.2475



84.3498, 0.3070, 0.3064



64.0930, 0.2637, 0.2811



17.5491, 0.3060, 0.3026



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.



54.4352, 0.2900, 0.2475



47.8516, 0.2844, 0.2305



60.0725, 0.3192, 0.2571



17.8780, 0.3067, 0.3051



6.8861, 0.2140, 0.0952



0.7352, 0.2255, 0.1016

Inverse Universe

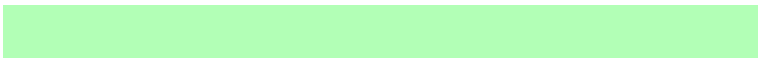
The Inverse Universe completely reimagines the original color for something new.



57.8534, 0.3510, 0.2941



51.8724, 0.3611, 0.2871



84.3333, 0.3065, 0.4133



18.1204, 0.3225, 0.3185



11.7560, 0.5212, 0.2645



1.1662, 0.4927, 0.2488

Previews

White Background



This preview shows how the Yxy color 54.4329, 0.2900, 0.2475 looks on a white background.

Color Contrast Check

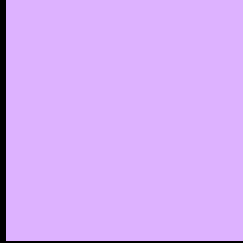
Large Text (above 18pt) WCAG AA × Fail

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 54.4329, 0.2900, 0.2475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

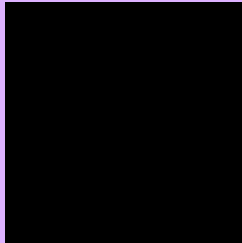
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4329, 0.2900, 0.2475

Background



This preview shows how black text looks on a background with the Yxy color 54.4329, 0.2900, 0.2475.

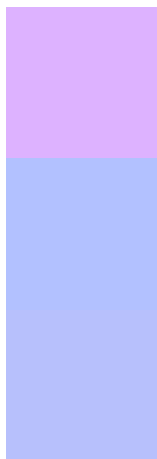


This preview shows how white text looks on a background with the Yxy color 54.4329, 0.2900, 0.2475.

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

54.4329, 0.2900, 0.2475

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.7948, 0.2658, 0.2603



Tritanopia

54.4244, 0.3218, 0.3116

Trichromacy



Original Color

54.4329, 0.2900, 0.2475



Protanomaly

54.6558, 0.2710, 0.2542



Deuteranomaly

54.5028, 0.2743, 0.2554

Tritanomaly

54.1538, 0.3098, 0.2861

Monochromacy



Original Color

54.4329, 0.2900, 0.2475



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.2765, 0.3048, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4329, 0.2900, 0.2475 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(221, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 178, 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(221, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 178, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.4329, 0.2900, 0.2475 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(221, 178, 255) }
```

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

```
.border{ border-color:rgb(221, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 178,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4329, 0.2900, 0.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 178, 255) }
```

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

```
.background{ background-color: rgb(221,  
178, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor