

Converting Colors

Yxy(54.5227, 0.2849, 0.2545)

Have a look what the booklet for
Yxy(54.5227, 0.2849, 0.2545)
contains.

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Color

Yxy(54.5336, 0.2846, 0.2548)

Conversions

Conversions Part 1

Format	Color
Hex	D2B7FB
RGB	210, 183, 251
RGB Percent	82%, 72%, 98%
CMY	0.1767, 0.2823, 0.0157
CMYK	0.16, 0.27, 0.00, 0.02
HSL	264°, 89%, 85%
HSV	264°, 27%, 98%
XYZ	60.9115, 54.5336, 98.5800
YIQ	198.8250, -5.7360, 26.8720

Conversions

Conversions Part 2

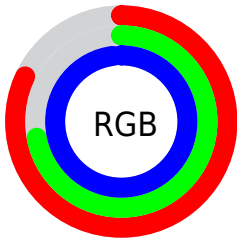
Format	Color
R _Y B	210, 183, 251
Decimal	13809659
CIE Lab	78.77, 22.58, -30.08
CIE LCh	79, 37.613, 306.892
Yxy	54.5336, 0.2846, 0.2548
Android (android.graphics.Color)	4291999739 (0xFFD2B7FB)
YUV	198.8250, 25.7223, 9.8005
Hunter-Lab	73.8469, 18.0012, -27.4548

Details

The Yxy color $54.5336, 0.2846, 0.2548$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $88.2733, 0.3354, 0.4012$, and the grayscale version is $56.8413, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $26.8289, 0.2773, 0.2382$ is the 20% darker color. If you saturate the color by 10%, you get $42.9666, 0.2714, 0.2240$, and if you desaturate by 10%, it is $68.1621, 0.2963, 0.2841$.

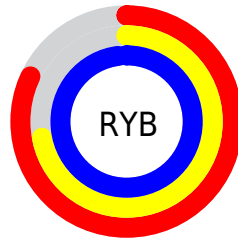
Distribution



Red (82%)

Green (72%)

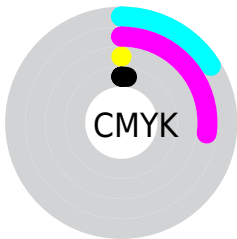
Blue (98%)



Red (82%)

Yellow (72%)

Blue (98%)

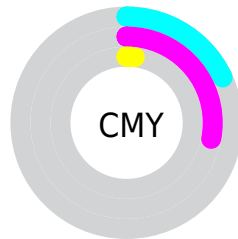


Cyan (16%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (18%)

Magenta (28%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5336, 0.2846, 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 54.5336, 0.2846, 0.2548 by changing the saturation by 10% instead.

■ 54.5336, 0.2846,
0.2548

■ 54.5336, 0.2846,
0.2548

404.1415, 0.2987,
0.2889

■ 39.0284, 0.2812,
0.2471

■ 96.8573, 0.2897,
0.2666

■ 26.7818, 0.2768,
0.2377

124.4446, 0.2916,
0.2712

■ 17.4094, 0.2711,
0.2259

156.8280, 0.2932,
0.2751

■ 10.5268, 0.2634,
0.2107

194.3920, 0.2946,
0.2786

■ 5.7496, 0.2525,
0.1906

237.5210, 0.2958,
0.2817

■ 2.6935, 0.2360,
0.1630

286.5993, 0.2969,

■ 0.9739, 0.2091,

0.2844

0.1238

342.0113, 0.2978,
0.2868

0.0000, 0.1532,
0.0000

0.0000, 0.0000,
0.0000

54.5336, 0.2846,
0.2548

54.5336, 0.2846,
0.2548

42.9666, 0.2714,
0.2240

68.1621, 0.2963,
0.2841

33.3506, 0.2570,
0.1925

83.9418, 0.3064,
0.3112

25.5743, 0.2416,
0.1619

99.7449, 0.3150,
0.3328

19.5126, 0.2259,
0.1339

■ 15.0236, 0.2108,
0.1101

■ 11.9418, 0.1969,
0.0921

■ 10.0565, 0.1851,
0.0803

■ 9.6400, 0.1820,
0.0776

Harmonies

Analogous

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



54.5336, 0.2455, 0.2499



54.5336, 0.2846, 0.2548



54.5336, 0.3347, 0.2759

Triad

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



54.5336, 0.2846, 0.2548



54.5336, 0.4081, 0.3860



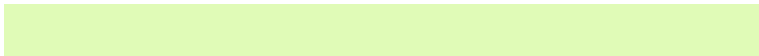
54.5336, 0.2463, 0.3455

Complementary

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



54.5336, 0.2846, 0.2548



88.2733, 0.3354, 0.4012

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.



54.5336, 0.2860, 0.3924



54.5336, 0.2846, 0.2548



54.5336, 0.3800, 0.4134

Square

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



54.5336, 0.2846, 0.2548



54.5336, 0.4094, 0.3480



54.5336, 0.3349, 0.4179



54.5336, 0.2248, 0.2975

Rectangle

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



54.5336, 0.2846, 0.2548



54.5336, 0.3675, 0.2969



54.5336, 0.3349, 0.4179



54.5336, 0.2578, 0.3623

Sweetspot

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



54.5358, 0.2846, 0.2548



85.4054, 0.3055, 0.3088



70.8544, 0.2702, 0.2999



17.7286, 0.3041, 0.3049



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.



54.5358, 0.2846, 0.2548



50.3418, 0.2783, 0.2397



59.9093, 0.3097, 0.2601



16.9783, 0.3041, 0.3049



5.1460, 0.1837, 0.0786



0.5362, 0.1969, 0.0858

Inverse Universe

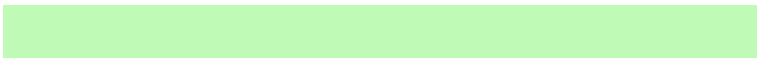
The Inverse Universe completely reimagines the original color for something new.



59.7726, 0.3368, 0.2868



56.6115, 0.3425, 0.2789



83.4838, 0.3139, 0.4062



17.4013, 0.3199, 0.3148



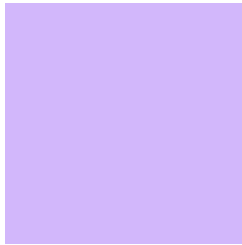
11.9948, 0.4526, 0.2267



1.1318, 0.4326, 0.2157

Previews

White Background



This preview shows how the Yxy color 54.5336, 0.2846, 0.2548 looks on a white background.

Color Contrast Check

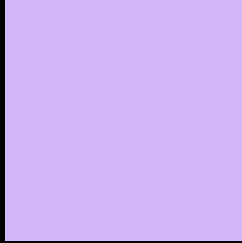
Large Text (above 18pt) WCAG AA × Fail

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 54.5336, 0.2846, 0.2548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

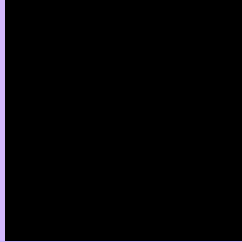
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5336, 0.2846, 0.2548

Background



This preview shows how black text looks on a background with the Yxy color 54.5336, 0.2846, 0.2548.

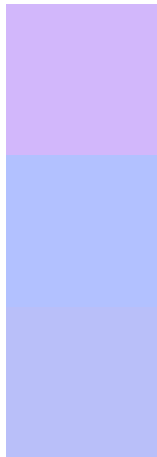


This preview shows how white text looks on a background with the Yxy color 54.5336, 0.2846, 0.2548.

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

54.5336, 0.2846, 0.2548

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.4154, 0.2688, 0.2624



Tritanopia

54.2744, 0.3103, 0.3112

Trichromacy



Original Color

54.5336, 0.2846, 0.2548

Protanomaly

54.4981, 0.2690, 0.2558

Deuteranomaly

54.3379, 0.2741, 0.2591

Tritanomaly

54.2195, 0.3010, 0.2897

Monochromacy



Original Color

54.5336, 0.2846, 0.2548

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.8984, 0.3023, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5336, 0.2846, 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(210, 183, 251)` looks like.

```
.text, #text, p{  
    color:rgb(210, 183, 251)  
}
```

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(210, 183, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 183, 251) }
```

Border

The CSS property to change the border of an element to Yxy 54.5336, 0.2846, 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(210, 183, 251) }
```

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

```
.border{ border-color:rgb(210, 183, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 183, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 183, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 183, 251);  
box-shadow:4px 4px 4px 4px rgb(210, 183,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5336, 0.2846, 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(210, 183, 251) }
```

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

```
.background{ background-color: rgb(210,  
183, 251) }
```

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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