

Converting Colors

$Y_{xy}(54.7000, 0.2884, 0.2510)$

Have a look what the booklet for
Yxy(54.7000, 0.2884, 0.2510)
contains.

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Color

Yxy(54.4861, 0.2884, 0.2507)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D9B4FD |
| RGB | 217, 180, 253 |
| RGB Percent | 85%, 71%, 99% |
| CMY | 0.1488, 0.2942, 0.0077 |
| CMYK | 0.14, 0.29, 0.00, 0.01 |
| HSL | 270°, 95%, 85% |
| HSV | 270°, 29%, 99% |
| XYZ | 62.6797, 54.4861, 100.1701 |
| YIQ | 199.3850, -1.3810, 30.5470 |

Conversions

Conversions Part 2

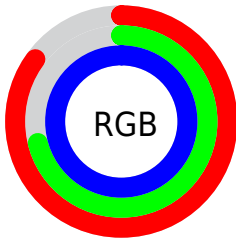
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 217, 180, 253 |
| Decimal | 14267645 |
| CIE Lab | 78.74, 26.83, -31.16 |
| CIE LCh | 79, 41.122, 310.726 |
| Yxy | 54.4861, 0.2884, 0.2507 |
| Android (android.graphics.Color) | 4292457725 (0xFFD9B4FD) |
| YUV | 199.3850, 26.4322, 15.4484 |
| Hunter-Lab | 73.8147, 22.3973, -28.7891 |

Details

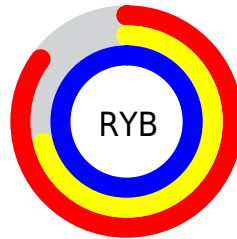
The Yxy color **54.4861, 0.2884, 0.2507** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **88.1623, 0.3315, 0.4077**, and the grayscale version is **57.2008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **26.7413, 0.2812, 0.2332** is the 20% darker color. If you saturate the color by 10%, you get **43.3495, 0.2775, 0.2209**, and if you desaturate by 10%, it is **67.6362, 0.2980, 0.2795**.

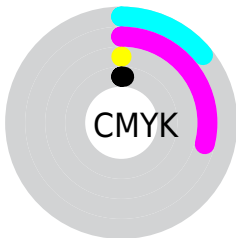
Distribution



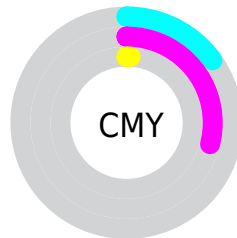
- Red (85%)
- Green (71%)
- Blue (99%)



- Red (85%)
- Yellow (71%)
- Blue (99%)



- Cyan (14%)
- Magenta (29%)
- Yellow (0%)
- Black (1%)




- Cyan (15%)
- Magenta (29%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4861, 0.2884, 0.2507 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 54.4861, 0.2884, 0.2507 by changing the saturation by 10% instead.


 54.4861, 0.2884,
0.2507

 54.4861, 0.2884,
0.2507

403.9610, 0.3008,
0.2865

 38.9904, 0.2853,
0.2427


 96.7876, 0.2929,
0.2630

 26.7523, 0.2814,
0.2329


124.3622, 0.2946,
0.2678

 17.3873, 0.2763,
0.2207


156.7319, 0.2960,
0.2720

 10.5110, 0.2693,
0.2051

194.2812, 0.2972,
0.2756

 5.7391, 0.2593,
0.1846

237.3943, 0.2983,
0.2788

 2.6871, 0.2441,
0.1566

286.4557, 0.2992,

 0.9706, 0.2191,

0.2817

0.1176

341.8498, 0.3000,
0.2842

0.0000, 0.1749,
0.0000

0.0000, 0.0000,
0.0000

54.4861, 0.2884,
0.2507

54.4861, 0.2884,
0.2507

43.3495, 0.2775,
0.2209

67.6362, 0.2980,
0.2795

34.1149, 0.2655,
0.1911

82.8901, 0.3064,
0.3067

26.6701, 0.2526,
0.1626

99.7687, 0.3135,
0.3309

20.8877, 0.2394,
0.1370

99.8741, 0.3138,
0.3309

■ 16.6230, 0.2263,
0.1158

■ 13.7048, 0.2141,
0.1000

■ 11.8845, 0.2031,
0.0896

■ 11.7120, 0.2019,
0.0886

Harmonies

Analogous

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



54.4861, 0.2440, 0.2428



54.4861, 0.2884, 0.2507



54.4861, 0.3437, 0.2754

Triad

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



54.4861, 0.2884, 0.2507



54.4861, 0.4143, 0.3951



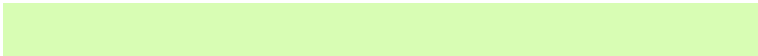
54.4861, 0.2362, 0.3396

Complementary

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



54.4861, 0.2884, 0.2507



88.1623, 0.3315, 0.4077

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.



54.4861, 0.2769, 0.3931



54.4861, 0.2884, 0.2507



54.4861, 0.3802, 0.4233

Square

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



54.4861, 0.2884, 0.2507



54.4861, 0.4201, 0.3545



54.4861, 0.3296, 0.4251



54.4861, 0.2160, 0.2884

Rectangle

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



54.4861, 0.2884, 0.2507



54.4861, 0.3788, 0.2989



54.4861, 0.3296, 0.4251



54.4861, 0.2477, 0.3583

Sweetspot

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



54.4884, 0.2884, 0.2507



84.1396, 0.3063, 0.3063



66.1684, 0.2664, 0.2878



17.4973, 0.3051, 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.



54.4884, 0.2884, 0.2507



48.2547, 0.2818, 0.2324



60.6191, 0.3161, 0.2569



17.8306, 0.3059, 0.3050



6.3154, 0.2035, 0.0895



0.6799, 0.2157, 0.0962

Inverse Universe

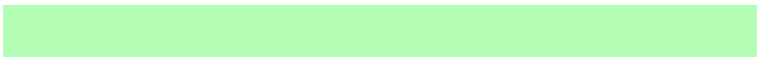
The Inverse Universe completely reimagines the original color for something new.



58.4816, 0.3456, 0.2920



53.0809, 0.3551, 0.2838



83.2685, 0.3088, 0.4134



18.1363, 0.3217, 0.3173



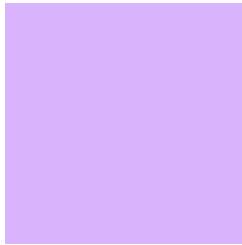
11.9210, 0.4995, 0.2526



1.1827, 0.4737, 0.2383

Previews

White Background



This preview shows how the Yxy color 54.4861, 0.2884, 0.2507 looks on a white background.

Color Contrast Check

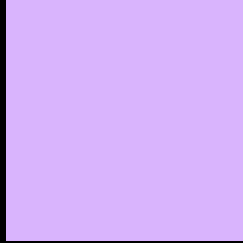
Large Text (above 18pt) WCAG AA × Fail

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 54.4861, 0.2884, 0.2507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

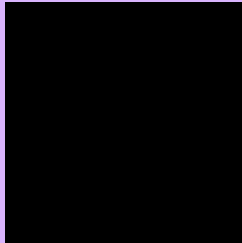
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4861, 0.2884, 0.2507

Background



This preview shows how black text looks on a background with the Yxy color 54.4861, 0.2884, 0.2507.

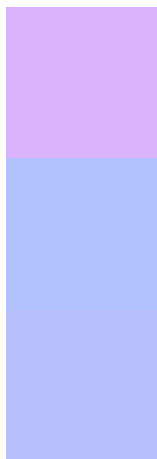


This preview shows how white text looks on a background with the Yxy color 54.4861, 0.2884, 0.2507.

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

54.4861, 0.2884, 0.2507

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.8547, 0.2671, 0.2615



Tritanopia

54.3101, 0.3176, 0.3114

Trichromacy



Original Color

54.4861, 0.2884, 0.2507



Protanomaly

54.3287, 0.2703, 0.2549



Deuteranomaly

54.7305, 0.2743, 0.2574

Tritanomaly

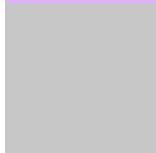
54.3888, 0.3066, 0.2880

Monochromacy



Original Color

54.4861, 0.2884, 0.2507



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 54.4861, 0.2884, 0.2507 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, 180, 253)` looks like.

```
.text, #text, p{  
    color:rgb(217, 180, 253)  
}
```

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, 180, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 180, 253) }
```

Border

The CSS property to change the border of an element to Yxy 54.4861, 0.2884, 0.2507 is called "border". The border property can be set on classes, ids or directly on the HTML element.

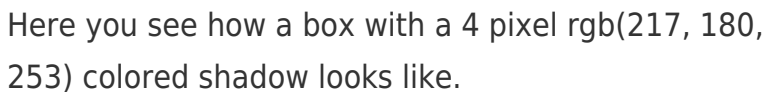
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 180, 253) }
```

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

```
.border{ border-color:rgb(217, 180, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 180, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 180, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 180, 253);  
box-shadow:4px 4px 4px 4px rgb(217, 180,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4861, 0.2884, 0.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 180, 253) }
```

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

```
.background{ background-color: rgb(217,  
180, 253) }
```

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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