

Converting Colors

$Y_{xy}(52.9927, 0.2811, 0.2579)$

Have a look what the booklet for
Yxy(52.9927, 0.2811, 0.2579)
contains.

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Color

Yxy(52.9383, 0.2813, 0.2583)

Conversions

Conversions Part 1

Format	Color
Hex	C9B7F6
RGB	201, 183, 246
RGB Percent	79%, 72%, 96%
CMY	0.2118, 0.2823, 0.0353
CMYK	0.18, 0.26, 0.00, 0.04
HSL	257°, 78%, 84%
HSV	257°, 26%, 96%
XYZ	57.6521, 52.9383, 94.3585
YIQ	195.5640, -9.4950, 23.4090

Conversions

Conversions Part 2

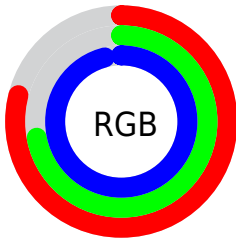
Format	Color
R _Y B	201, 183, 246
Decimal	13219830
CIE Lab	77.84, 18.77, -28.89
CIE LCh	78, 34.452, 303.016
Yxy	52.9383, 0.2813, 0.2583
Android (android.graphics.Color)	4291409910 (0xFFC9B7F6)
YUV	195.5640, 24.8649, 4.7674
Hunter-Lab	72.7587, 14.1110, -25.9602

Details

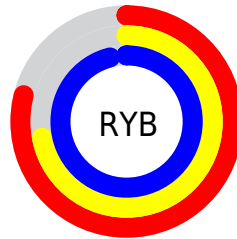
The Yxy color **52.9383, 0.2813, 0.2583** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.8188, 0.3390, 0.3958**, and the grayscale version is **54.7808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **25.7940, 0.2720, 0.2409** is the 20% darker color. If you saturate the color by 10%, you get **41.3658, 0.2660, 0.2266**, and if you desaturate by 10%, it is **66.5671, 0.2949, 0.2879**.

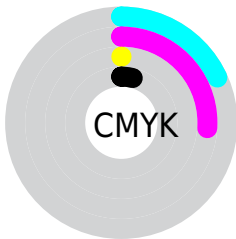
Distribution



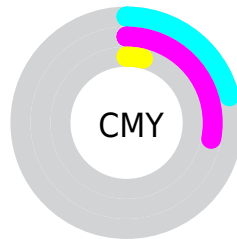
- Red (79%)
- Green (72%)
- Blue (96%)



- Red (79%)
- Yellow (72%)
- Blue (96%)



- Cyan (18%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (21%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9383, 0.2813, 0.2583 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 52.9383, 0.2813, 0.2583 by changing the saturation by 10% instead.

■ 52.9383, 0.2813,
0.2583

■ 52.9383, 0.2813,
0.2583

■ 398.0484, 0.2969,
0.2912

■ 37.7535, 0.2775,
0.2508

■ 94.5136, 0.2869,
0.2697

■ 25.7914, 0.2727,
0.2416

■ 121.6728, 0.2890,
0.2742

■ 16.6677, 0.2664,
0.2299

■ 153.5924, 0.2909,
0.2780

■ 9.9978, 0.2579,
0.2148

■ 190.6567, 0.2924,
0.2813

■ 5.3975, 0.2458,
0.1946

■ 233.2500, 0.2938,
0.2842

■ 2.4823, 0.2276,
0.1665

■ 281.7568, 0.2949,

■ 0.8678, 0.1978,

0.2868

0.1258

336.5614, 0.2960,
0.2891

0.0000, 0.1036,
0.0000

0.0000, 0.0000,
0.0000

52.9383, 0.2813,
0.2583

52.9383, 0.2813,
0.2583

41.3658, 0.2660,
0.2266

66.5671, 0.2949,
0.2879

31.7414, 0.2494,
0.1939

82.3402, 0.3068,
0.3150

23.9569, 0.2318,
0.1615

99.1906, 0.3171,
0.3376

17.8905, 0.2142,
0.1314

99.4331, 0.3179,
0.3376

■ 13.4051, 0.1976,
0.1056

■ 10.3421, 0.1829,
0.0859

■ 8.5068, 0.1712,
0.0732

■ 7.9643, 0.1670,
0.0693

Harmonies

Analogous

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



52.9383, 0.2467, 0.2561



52.9383, 0.2813, 0.2583



52.9383, 0.3270, 0.2763

Triad

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



52.9383, 0.2813, 0.2583



52.9383, 0.4028, 0.3782



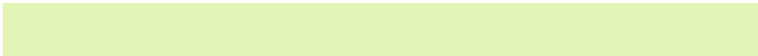
52.9383, 0.2551, 0.3504

Complementary

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



52.9383, 0.2813, 0.2583



85.8188, 0.3390, 0.3958

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.



52.9383, 0.2938, 0.3917



52.9383, 0.2813, 0.2583



52.9383, 0.3798, 0.4050

Square

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



52.9383, 0.2813, 0.2583



52.9383, 0.4002, 0.3423



52.9383, 0.3395, 0.4119



52.9383, 0.2324, 0.3054

Rectangle

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



52.9383, 0.2813, 0.2583



52.9383, 0.3579, 0.2951



52.9383, 0.3395, 0.4119



52.9383, 0.2666, 0.3655

Sweetspot

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



52.9405, 0.2813, 0.2583



85.0077, 0.3041, 0.3087



72.2879, 0.2733, 0.3089



17.6289, 0.3023, 0.3047



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.



52.9405, 0.2813, 0.2583



50.3281, 0.2732, 0.2412



57.7372, 0.3051, 0.2631



16.1558, 0.3024, 0.3048



4.3127, 0.1684, 0.0701



0.4290, 0.1813, 0.0772

Inverse Universe

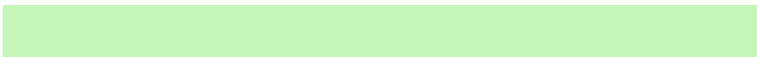
The Inverse Universe completely reimagines the original color for something new.



59.0632, 0.3296, 0.2824



58.1415, 0.3341, 0.2721



81.1478, 0.3180, 0.4004



16.6829, 0.3182, 0.3122



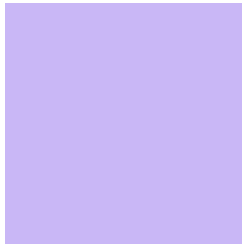
12.1512, 0.4093, 0.2028



1.0856, 0.3955, 0.1953

Previews

White Background



This preview shows how the Yxy color 52.9383, 0.2813, 0.2583 looks on a white background.

Color Contrast Check

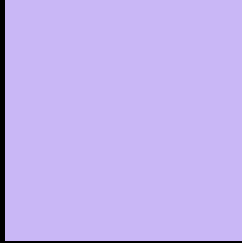
Large Text (above 18pt) WCAG AA × Fail

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 52.9383, 0.2813, 0.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

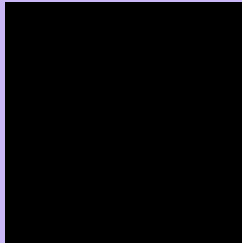
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9383, 0.2813, 0.2583

Background



This preview shows how black text looks on a background with the Yxy color 52.9383, 0.2813, 0.2583.

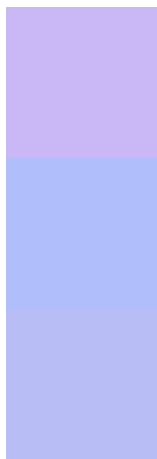


This preview shows how white text looks on a background with the Yxy color 52.9383, 0.2813, 0.2583.

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

52.9383, 0.2813, 0.2583

Protanopia

53.0221, 0.2616, 0.2581

Deuteranopia

53.1781, 0.2703, 0.2640



Tritanopia

53.1872, 0.3040, 0.3108

Trichromacy



Original Color

52.9383, 0.2813, 0.2583

Protanomaly

52.6945, 0.2684, 0.2577

Deuteranomaly

53.0804, 0.2743, 0.2624

Tritanomaly

53.0572, 0.2955, 0.2901

Monochromacy



Original Color

52.9383, 0.2813, 0.2583

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1224, 0.3013, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9383, 0.2813, 0.2583 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(201, 183, 246)` looks like.

```
.text, #text, p{  
    color:rgb(201, 183, 246)  
}
```

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(201, 183, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 183, 246) }
```

Border

The CSS property to change the border of an element to Yxy 52.9383, 0.2813, 0.2583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

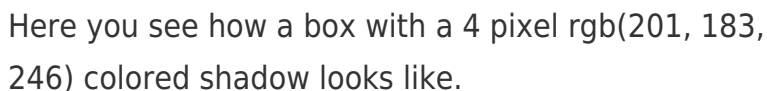
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 183, 246) }
```

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

```
.border{ border-color:rgb(201, 183, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 183, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 183, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 183, 246);  
box-shadow:4px 4px 4px 4px rgb(201, 183,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9383, 0.2813, 0.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 183, 246) }
```

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

```
.background{ background-color: rgb(201,  
183, 246) }
```

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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