

Converting Colors

Yxy(51.4948, 0.2821, 0.2564)

Have a look what the booklet for
Yxy(51.4948, 0.2821, 0.2564)
contains.

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Color

Yxy(51.5917, 0.2824, 0.2568)

Conversions

Conversions Part 1

Format	Color
Hex	C9B4F4
RGB	201, 180, 244
RGB Percent	79%, 71%, 96%
CMY	0.2119, 0.2941, 0.0430
CMYK	0.18, 0.26, 0.00, 0.04
HSL	260°, 74%, 83%
HSV	260°, 26%, 96%
XYZ	56.7348, 51.5917, 92.5758
YIQ	193.5750, -8.0280, 24.3560

Conversions

Conversions Part 2

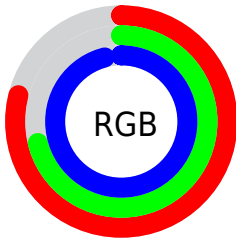
Format	Color
R _Y B	201, 180, 244
Decimal	13219060
CIE Lab	77.04, 19.97, -29.06
CIE LCh	77, 35.266, 304.499
Yxy	51.5917, 0.2824, 0.2568
Android (android.graphics.Color)	4291409140 (0xFFC9B4F4)
YUV	193.5750, 24.8595, 6.5117
Hunter-Lab	71.8274, 15.2952, -26.1376

Details

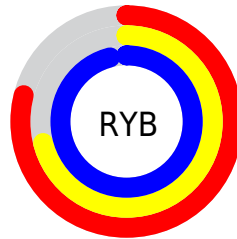
The Yxy color **51.5917, 0.2824, 0.2568** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.7110, 0.3378, 0.3979**, and the grayscale version is **53.5387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **24.9206, 0.2734, 0.2389** is the 20% darker color. If you saturate the color by 10%, you get **40.4386, 0.2679, 0.2254**, and if you desaturate by 10%, it is **64.7265, 0.2953, 0.2863**.

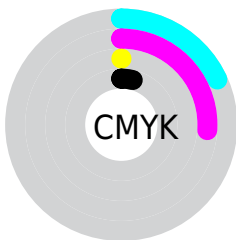
Distribution



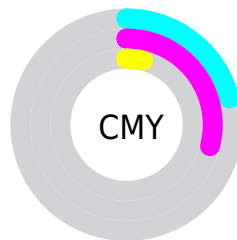
- Red (79%)
- Green (71%)
- Blue (96%)



- Red (79%)
- Yellow (71%)
- Blue (96%)



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





- Cyan (21%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5917, 0.2824, 0.2568 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 51.5917, 0.2824, 0.2568 by changing the saturation by 10% instead.


 51.5917, 0.2824,
0.2568

 51.5917, 0.2824,
0.2568


392.8583, 0.2976,
0.2905

 36.6797, 0.2787,
0.2491


 92.5288, 0.2879,
0.2685

 24.9596, 0.2739,
0.2396


119.3227, 0.2900,
0.2730

 16.0470, 0.2677,
0.2277


150.8461, 0.2917,
0.2770

 9.5574, 0.2592,
0.2121

187.4833, 0.2932,
0.2804

 5.1065, 0.2471,
0.1913

229.6187, 0.2945,
0.2834

 2.3099, 0.2288,
0.1623

277.6368, 0.2957,

 0.7789, 0.1985,

0.2860

0.1199

331.9218, 0.2967,
0.2884

0.0000, 0.0862,
0.0000

0.0000, 0.0000,
0.0000

51.5917, 0.2824,
0.2568

51.5917, 0.2824,
0.2568

40.4386, 0.2679,
0.2254

64.7265, 0.2953,
0.2863

31.1622, 0.2521,
0.1932

79.9281, 0.3065,
0.3134

23.6576, 0.2353,
0.1615

97.2845, 0.3162,
0.3379

17.8062, 0.2184,
0.1322

99.3132, 0.3191,
0.3395

■ 13.4748, 0.2023,
0.1071

■ 10.5083, 0.1879,
0.0880

■ 8.7154, 0.1760,
0.0756

■ 8.2346, 0.1722,
0.0722

Harmonies

Analogous

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



51.5917, 0.2460, 0.2536



51.5917, 0.2824, 0.2568



51.5917, 0.3299, 0.2760

Triad

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



51.5917, 0.2824, 0.2568



51.5917, 0.4050, 0.3812



51.5917, 0.2517, 0.3487

Complementary

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



51.5917, 0.2824, 0.2568



83.7110, 0.3378, 0.3979

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.



51.5917, 0.2909, 0.3922



51.5917, 0.2824, 0.2568



51.5917, 0.3801, 0.4083

Square

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



51.5917, 0.2824, 0.2568



51.5917, 0.4039, 0.3445



51.5917, 0.3379, 0.4144



51.5917, 0.2294, 0.3024

Rectangle

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



51.5917, 0.2824, 0.2568



51.5917, 0.3615, 0.2957



51.5917, 0.3379, 0.4144



51.5917, 0.2632, 0.3645

Sweetspot

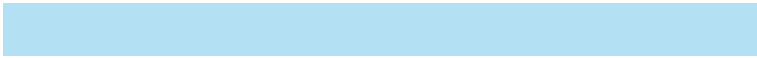
The Sweet Spot groups the original color and five complimentary colors.



51.5938, 0.2824, 0.2568



85.1579, 0.3046, 0.3088



69.4173, 0.2721, 0.3059



17.6665, 0.3030, 0.3048



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.



51.5938, 0.2824, 0.2568



50.7845, 0.2756, 0.2418



56.3845, 0.3065, 0.2617



16.1902, 0.3030, 0.3049



4.5422, 0.1737, 0.0730



0.4527, 0.1871, 0.0804

Inverse Universe

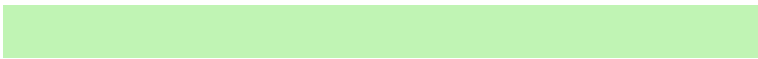
The Inverse Universe completely reimagines the original color for something new.



57.2159, 0.3323, 0.2839



57.9547, 0.3368, 0.2753



79.1862, 0.3167, 0.4027



16.6706, 0.3188, 0.3132



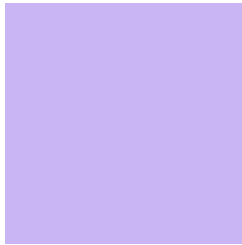
11.9436, 0.4251, 0.2116



1.0686, 0.4087, 0.2025

Previews

White Background



This preview shows how the Yxy color 51.5917, 0.2824, 0.2568 looks on a white background.

Color Contrast Check

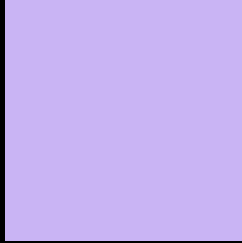
Large Text (above 18pt) WCAG AA × Fail

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 51.5917, 0.2824, 0.2568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

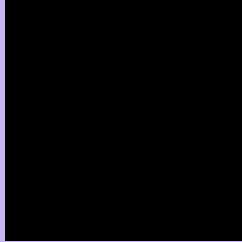
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5917, 0.2824, 0.2568

Background



This preview shows how black text looks on a background with the Yxy color 51.5917, 0.2824, 0.2568.



This preview shows how white text looks on a background with the Yxy color 51.5917, 0.2824, 0.2568.

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

51.5917, 0.2824, 0.2568

Protanopia

51.7528, 0.2599, 0.2563

Deuteranopia

51.8355, 0.2693, 0.2633



Tritanopia

51.7476, 0.3063, 0.3107

Trichromacy



Original Color

51.5917, 0.2824, 0.2568

Protanomaly

51.5425, 0.2674, 0.2561

Deuteranomaly

51.4434, 0.2739, 0.2606

Tritanomaly

51.6302, 0.2977, 0.2898

Monochromacy



Original Color

51.5917, 0.2824, 0.2568

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.0190, 0.3020, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5917, 0.2824, 0.2568 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, 180, 244)` looks like.

```
.text, #text, p{  
    color:rgb(201, 180, 244)  
}
```

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, 180, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 180, 244) }
```

Border

The CSS property to change the border of an element to Yxy 51.5917, 0.2824, 0.2568 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, 180, 244) }
```

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

```
.border{ border-color:rgb(201, 180, 244) }
```

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

Here you see how a box with a 4 pixel rgb(201, 180, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 180, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 180, 244);  
box-shadow:4px 4px 4px 4px rgb(201, 180,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5917, 0.2824, 0.2568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 180, 244) }
```

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

```
.background{ background-color: rgb(201,  
180, 244) }
```

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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