

Converting Colors

Yxy(51.9547, 0.2849, 0.2462)

Have a look what the booklet for
Yxy(51.9547, 0.2849, 0.2462)
contains.

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Color

Yxy(52.0760, 0.2851, 0.2465)

Conversions

Conversions Part 1

Format	Color
Hex	D4B0FC
RGB	212, 176, 252
RGB Percent	83%, 69%, 99%
CMY	0.1689, 0.3097, 0.0118
CMYK	0.16, 0.30, 0.00, 0.01
HSL	268°, 93%, 84%
HSV	268°, 30%, 99%
XYZ	60.2307, 52.0760, 98.9550
YIQ	195.4280, -2.9400, 31.2680

Conversions

Conversions Part 2

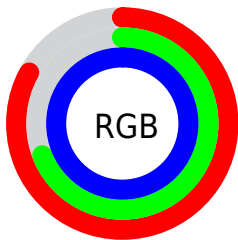
Format	Color
R _{YB}	212, 176, 252
Decimal	13938940
CIE Lab	77.33, 27.20, -32.82
CIE LCh	77, 42.625, 309.650
Yxy	52.0760, 0.2851, 0.2465
Android (android.graphics.Color)	4292129020 (0xFFD4B0FC)
YUV	195.4280, 27.8900, 14.5336
Hunter-Lab	72.1637, 22.6967, -30.7872

Details

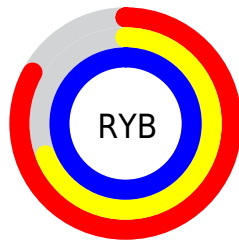
The Yxy color $52.0760, 0.2851, 0.2465$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $87.3544, 0.3340, 0.4110$, and the grayscale version is $54.6716, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $25.1740, 0.2768, 0.2274$ is the 20% darker color. If you saturate the color by 10%, you get $41.2015, 0.2732, 0.2162$, and if you desaturate by 10%, it is $64.9512, 0.2956, 0.2758$.

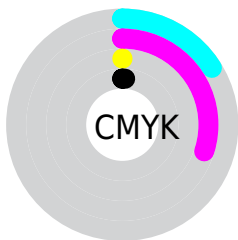
Distribution



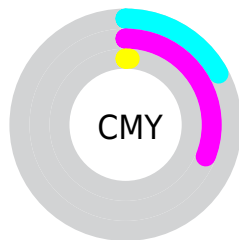
- Red (83%)
- Green (69%)
- Blue (99%)



- Red (83%)
- Yellow (69%)
- Blue (99%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (1%)




- Cyan (17%)
- Magenta (31%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0760, 0.2851, 0.2465 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 52.0760, 0.2851, 0.2465 by changing the saturation by 10% instead.


 52.0760, 0.2851,
0.2465

 52.0760, 0.2851,
0.2465

394.7299, 0.2992,
0.2844

 37.0657, 0.2816,
0.2380


 93.2433, 0.2902,
0.2595

 25.2583, 0.2771,
0.2276


120.1691, 0.2921,
0.2646

 16.2696, 0.2713,
0.2146

151.8354, 0.2938,
0.2690

 9.7151, 0.2632,
0.1980


188.6268, 0.2952,
0.2729

 5.2105, 0.2518,
0.1762

230.9275, 0.2964,
0.2763

 2.3713, 0.2344,
0.1466

279.1220, 0.2974,

 0.8111, 0.2059,

0.2793

0.1053

333.5947, 0.2984,
0.2820

0.0000, 0.1393,
0.0000

0.0000, 0.0000,
0.0000

52.0760, 0.2851,
0.2465

52.0760, 0.2851,
0.2465

41.2015, 0.2732,
0.2162

64.9512, 0.2956,
0.2758

32.2158, 0.2602,
0.1860

79.9183, 0.3048,
0.3033

25.0055, 0.2465,
0.1572

97.0704, 0.3126,
0.3287

19.4418, 0.2324,
0.1315

99.8070, 0.3145,
0.3319

■ 15.3780, 0.2188,
0.1104

■ 12.6392, 0.2062,
0.0949

■ 10.9577, 0.1953,
0.0849

Harmonies

Analogous

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



52.0760, 0.2394, 0.2389



52.0760, 0.2851, 0.2465



52.0760, 0.3431, 0.2717

Triad

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



52.0760, 0.2851, 0.2465



52.0760, 0.4201, 0.3965



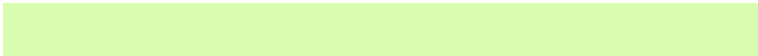
52.0760, 0.2335, 0.3421

Complementary

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



52.0760, 0.2851, 0.2465



87.3544, 0.3340, 0.4110

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.



52.0760, 0.2767, 0.3985



52.0760, 0.2851, 0.2465



52.0760, 0.3849, 0.4274

Square

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



52.0760, 0.2851, 0.2465



52.0760, 0.4253, 0.3537



52.0760, 0.3321, 0.4311



52.0760, 0.2118, 0.2877

Rectangle

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



52.0760, 0.2851, 0.2465



52.0760, 0.3804, 0.2959



52.0760, 0.3321, 0.4311



52.0760, 0.2458, 0.3620

Sweetspot

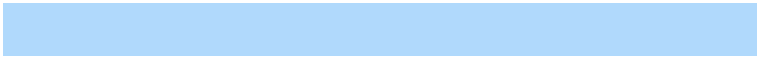
The Sweet Spot groups the original color and five complimentary colors.



52.0781, 0.2851, 0.2465



83.9982, 0.3057, 0.3063



65.6486, 0.2646, 0.2887



17.4625, 0.3045, 0.3024



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.



52.0781, 0.2851, 0.2465



46.6932, 0.2783, 0.2288



58.3127, 0.3142, 0.2534



17.0453, 0.3053, 0.3050



5.7953, 0.1970, 0.0859



0.5993, 0.2100, 0.0931

Inverse Universe

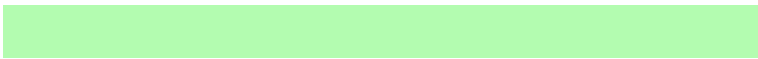
The Inverse Universe completely reimagines the original color for something new.



56.7169, 0.3453, 0.2877



52.2588, 0.3539, 0.2793



82.2758, 0.3101, 0.4173



17.3782, 0.3211, 0.3166



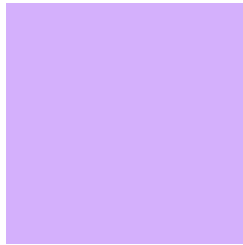
11.6908, 0.4847, 0.2444



1.1042, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 52.0760, 0.2851, 0.2465 looks on a white background.

Color Contrast Check

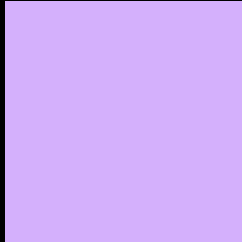
Large Text (above 18pt) WCAG AA × Fail

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 52.0760, 0.2851, 0.2465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

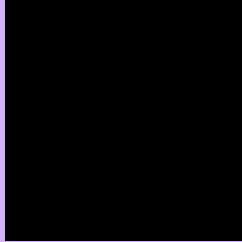
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0760, 0.2851, 0.2465

Background



This preview shows how black text looks on a background with the Yxy color 52.0760, 0.2851, 0.2465.

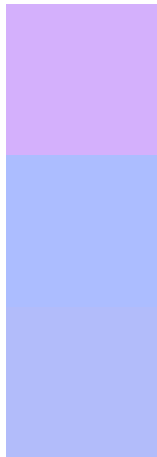


This preview shows how white text looks on a background with the Yxy color 52.0760, 0.2851, 0.2465.

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

52.0760, 0.2851, 0.2465

Protanopia

52.3858, 0.2566, 0.2524

Deuteranopia

52.3335, 0.2632, 0.2570



Tritanopia

52.0314, 0.3152, 0.3110

Trichromacy



Original Color

52.0760, 0.2851, 0.2465

Protanomaly

52.0015, 0.2664, 0.2495

Deuteranomaly

52.1932, 0.2703, 0.2529

Tritanomaly

51.7450, 0.3033, 0.2849

Monochromacy



Original Color

52.0760, 0.2851, 0.2465

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.3418, 0.3023, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0760, 0.2851, 0.2465 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(212, 176, 252)` looks like.

```
.text, #text, p{  
    color:rgb(212, 176, 252)  
}
```

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(212, 176, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 176, 252) }
```

Border

The CSS property to change the border of an element to Yxy 52.0760, 0.2851, 0.2465 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(212, 176, 252) }
```

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

```
.border{ border-color:rgb(212, 176, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 176, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 176, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 176, 252);  
box-shadow:4px 4px 4px 4px rgb(212, 176,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0760, 0.2851, 0.2465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 176, 252) }
```

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

```
.background{ background-color: rgb(212,  
176, 252) }
```

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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