

# Converting Colors

Yxy(61.0853, 0.2848, 0.2677)

Have a look what the booklet for  
Yxy(61.0853, 0.2848, 0.2677)  
contains.

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# Color

**Yxy(61.0853, 0.2848, 0.2677)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4C5FE
RGB	212, 197, 254
RGB Percent	83%, 77%, 100%
CMY	0.1689, 0.2273, 0.0040
CMYK	0.17, 0.22, 0.00, 0.00
HSL	256°, 97%, 88%
HSV	256°, 22%, 100%
XYZ	64.9873, 61.0853, 102.1131
YIQ	207.9830, -9.3570, 20.9070

# Conversions

## Conversions Part 2

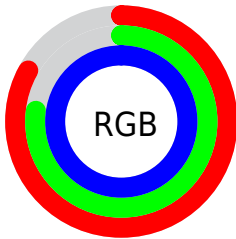
Format	Color
R <sub>Y</sub> B	212, 197, 254
Decimal	13944318
CIE Lab	82.42, 16.24, -26.07
CIE LCh	82, 30.715, 301.927
Yxy	61.0853, 0.2848, 0.2677
Android (android.graphics.Color)	4292134398 (0xFFD4C5FE)
YUV	207.9830, 22.6864, 3.5229
Hunter-Lab	78.1571, 11.6471, -22.7531

# Details

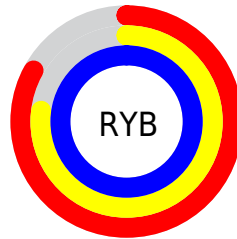
The Yxy color **61.0853, 0.2848, 0.2677** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.2696, 0.3367, 0.3870**, and the grayscale version is **62.9153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **30.8442, 0.2779, 0.2536** is the 20% darker color. If you saturate the color by 10%, you get **47.8803, 0.2695, 0.2363**, and if you desaturate by 10%, it is **76.5623, 0.2983, 0.2967**.

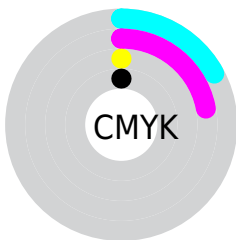
# Distribution



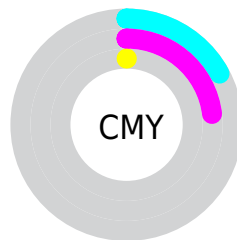
- Red (83%)
- Green (77%)
- Blue (100%)



- Red (83%)
- Yellow (77%)
- Blue (100%)



- Cyan (17%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0853, 0.2848, 0.2677 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 61.0853, 0.2848, 0.2677 by changing the saturation by 10% instead.



61.0853, 0.2848,  
0.2677

61.0853, 0.2848,  
0.2677

428.5867, 0.2983,  
0.2958

44.2940, 0.2816,  
0.2614

106.4024, 0.2896,  
0.2774

30.9017, 0.2776,  
0.2537

135.6971, 0.2914,  
0.2811

20.5240, 0.2724,  
0.2440

169.9283, 0.2930,  
0.2844

12.7765, 0.2655,  
0.2316

209.4804, 0.2943,  
0.2872

7.2748, 0.2559,  
0.2150

254.7380, 0.2955,  
0.2898

3.6346, 0.2418,  
0.1921

306.0853, 0.2966,

1.4713, 0.2193,

0.2920

0.1588

363.9067, 0.2975,  
0.2940

0.2684, 0.1834,  
0.0755

0.0000, 0.0000,  
0.0000

61.0853, 0.2848,  
0.2677

61.0853, 0.2848,  
0.2677

47.8803, 0.2695,  
0.2363

76.5623, 0.2983,  
0.2967

36.8313, 0.2527,  
0.2035

94.4046, 0.3101,  
0.3231

27.8235, 0.2349,  
0.1704

99.9344, 0.3133,  
0.3300

20.7282, 0.2168,  
0.1390

■ 15.4014, 0.1994,  
0.1114

■ 11.6784, 0.1840,  
0.0895

■ 9.3614, 0.1715,  
0.0747

■ 8.3269, 0.1642,  
0.0678

# Harmonies

## Analogous

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



61.0853, 0.2553, 0.2666



61.0853, 0.2848, 0.2677



61.0853, 0.3237, 0.2828

# Triad

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



61.0853, 0.2848, 0.2677



61.0853, 0.3897, 0.3708



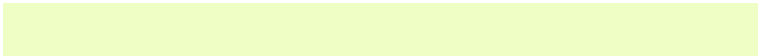
61.0853, 0.2646, 0.3487

# Complementary

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



61.0853, 0.2848, 0.2677



93.2696, 0.3367, 0.3870

# 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.



61.0853, 0.2984, 0.3827



61.0853, 0.2848, 0.2677



61.0853, 0.3712, 0.3934

# Square

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



61.0853, 0.2848, 0.2677



61.0853, 0.3864, 0.3399



61.0853, 0.3374, 0.3991



61.0853, 0.2442, 0.3107



# Rectangle

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



61.0853, 0.2848, 0.2677



61.0853, 0.3499, 0.2991



61.0853, 0.3374, 0.3991



61.0853, 0.2747, 0.3612

# Sweetspot

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



61.0878, 0.2848, 0.2677



86.7202, 0.3049, 0.3114



81.1982, 0.2782, 0.3137



18.3287, 0.3042, 0.3098



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.



61.0878, 0.2848, 0.2677



55.2600, 0.2780, 0.2536



65.5825, 0.3048, 0.2712



17.6073, 0.3020, 0.3047



4.4509, 0.1655, 0.0686



0.4835, 0.1767, 0.0747



# Inverse Universe

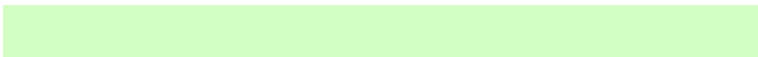
The Inverse Universe completely reimagines the original color for something new.



67.2520, 0.3261, 0.2870



62.5553, 0.3295, 0.2781



88.7921, 0.3186, 0.3904



18.2145, 0.3178, 0.3116



13.0392, 0.4006, 0.1981

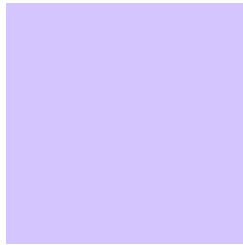


1.2875, 0.3895, 0.1919



# Previews

## White Background



This preview shows how the Yxy color 61.0853, 0.2848, 0.2677 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

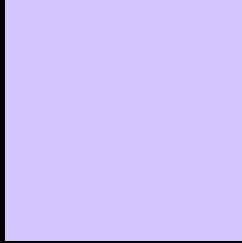
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.0853, 0.2848, 0.2677 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

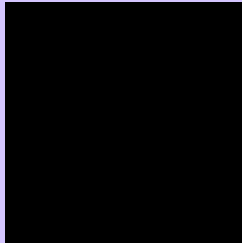
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.0853, 0.2848, 0.2677**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.0853, 0.2848, 0.2677.



This preview shows how white text looks on a background with the Yxy color 61.0853, 0.2848, 0.2677.

# 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

61.0853, 0.2848, 0.2677

### Protanopia

61.1383, 0.2712, 0.2712

### Deuteranopia

61.2826, 0.2781, 0.2718



## Tritanopia

60.9482, 0.3038, 0.3107

# Trichromacy



## Original Color

61.0853, 0.2848, 0.2677

## Protanomaly

61.1354, 0.2756, 0.2696

## Deuteranomaly

61.3795, 0.2808, 0.2712

## Tritanomaly

61.0094, 0.2964, 0.2942

# Monochromacy



## Original Color

61.0853, 0.2848, 0.2677

## Achromatopsia

63.0757, 0.3127, 0.3290

## Achromatomaly

62.1773, 0.3019, 0.3053

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.0853, 0.2848, 0.2677 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, 197, 254)` looks like.

```
.text, #text, p{  
    color:rgb(212, 197, 254)  
}
```

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, 197, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 197, 254) }
```

## Border

The CSS property to change the border of an element to Yxy 61.0853, 0.2848, 0.2677 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, 197, 254) }
```

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

```
.border{ border-color:rgb(212, 197, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 197, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 197, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 197, 254);  
box-shadow:4px 4px 4px 4px rgb(212, 197,  
254) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.0853, 0.2848, 0.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 197, 254) }
```

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

```
.background{ background-color: rgb(212,  
197, 254) }
```

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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