

Converting Colors

Yxy(59.4840, 0.2847, 0.2632)

Have a look what the booklet for
Yxy(59.4840, 0.2847, 0.2632)
contains.

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Color

Yxy(59.2927, 0.2846, 0.2632)

Conversions

Conversions Part 1

Format	Color
Hex	D4C1FE
RGB	212, 193, 254
RGB Percent	83%, 76%, 100%
CMY	0.1687, 0.2431, 0.0037
CMYK	0.17, 0.24, 0.00, 0.00
HSL	259°, 97%, 88%
HSV	259°, 24%, 100%
XYZ	64.1136, 59.2927, 101.8699
YIQ	205.6350, -8.2570, 22.9990

Conversions

Conversions Part 2

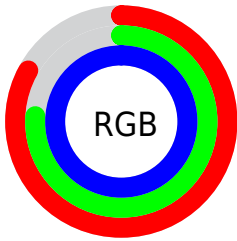
Format	Color
R _Y B	212, 193, 254
Decimal	13943294
CIE Lab	81.45, 18.45, -27.59
CIE LCh	81, 33.191, 303.775
Yxy	59.2927, 0.2846, 0.2632
Android (android.graphics.Color)	4292133374 (0xFFD4C1FE)
YUV	205.6350, 23.8439, 5.5821
Hunter-Lab	77.0018, 13.8706, -24.5368

Details

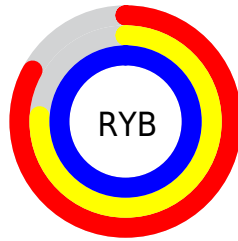
The Yxy color **59.2927, 0.2846, 0.2632** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.4363, 0.3364, 0.3918**, and the grayscale version is **61.3263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **29.6646, 0.2775, 0.2479** is the 20% darker color. If you saturate the color by 10%, you get **46.5494, 0.2701, 0.2320**, and if you desaturate by 10%, it is **74.2521, 0.2975, 0.2924**.

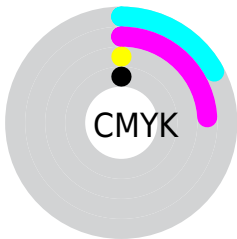
Distribution



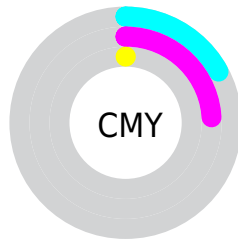
- Red (83%)
- Green (76%)
- Blue (100%)



- Red (83%)
- Yellow (76%)
- Blue (100%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (17%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2927, 0.2846, 0.2632 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 59.2927, 0.2846, 0.2632 by changing the saturation by 10% instead.


 59.2927, 0.2846,
0.2632

 59.2927, 0.2846,
0.2632

421.9858, 0.2983,
0.2933

 42.8488, 0.2813,
0.2564


 103.8030, 0.2895,
0.2736

 29.7665, 0.2772,
0.2482


132.6381, 0.2914,
0.2776

 19.6614, 0.2718,
0.2378


166.3724, 0.2929,
0.2811

 12.1492, 0.2647,
0.2245

205.3903, 0.2943,
0.2842

 6.8453, 0.2547,
0.2068

250.0762, 0.2955,
0.2869

 3.3656, 0.2399,
0.1825

300.8145, 0.2966,

 1.3254, 0.2163,

0.2893

0.1474

357.9895, 0.2975,
0.2914

0.1608, 0.1787,
0.0476

0.0000, 0.0000,
0.0000

59.2927, 0.2846,
0.2632

59.2927, 0.2846,
0.2632

46.5494, 0.2701,
0.2320

74.2521, 0.2975,
0.2924

35.9073, 0.2541,
0.1995

91.5203, 0.3087,
0.3190

27.2520, 0.2371,
0.1673

99.9388, 0.3133,
0.3299

20.4553, 0.2198,
0.1370

■ 15.3731, 0.2032,
0.1107

■ 11.8392, 0.1883,
0.0901

■ 9.6522, 0.1759,
0.0764

■ 8.8216, 0.1699,
0.0709

Harmonies

Analogous

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



59.2927, 0.2518, 0.2609



59.2927, 0.2846, 0.2632



59.2927, 0.3273, 0.2804

Triad

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



59.2927, 0.2846, 0.2632



59.2927, 0.3961, 0.3759



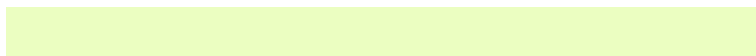
59.2927, 0.2584, 0.3479

Complementary

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



59.2927, 0.2846, 0.2632



92.4363, 0.3364, 0.3918

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.



59.2927, 0.2943, 0.3861



59.2927, 0.2846, 0.2632



59.2927, 0.3744, 0.4001

Square

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



59.2927, 0.2846, 0.2632



59.2927, 0.3942, 0.3427



59.2927, 0.3368, 0.4055



59.2927, 0.2375, 0.3064

Rectangle

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



59.2927, 0.2846, 0.2632



59.2927, 0.3557, 0.2983



59.2927, 0.3368, 0.4055



59.2927, 0.2690, 0.3618

Sweetspot

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



59.2951, 0.2846, 0.2632



86.8769, 0.3055, 0.3114



78.3342, 0.2755, 0.3091



18.3649, 0.3049, 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.



59.2951, 0.2846, 0.2632



53.1325, 0.2776, 0.2479



64.1484, 0.3064, 0.2673



17.6517, 0.3027, 0.3048



4.7172, 0.1714, 0.0718



0.5142, 0.1832, 0.0783

Inverse Universe

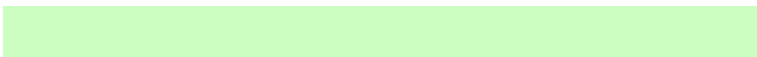
The Inverse Universe completely reimagines the original color for something new.



65.2224, 0.3296, 0.2867



60.1543, 0.3339, 0.2777



87.7730, 0.3171, 0.3958



18.1985, 0.3186, 0.3128



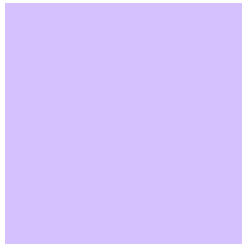
12.7684, 0.4191, 0.2082



1.2629, 0.4051, 0.2005

Previews

White Background



This preview shows how the Yxy color 59.2927, 0.2846, 0.2632 looks on a white background.

Color Contrast Check

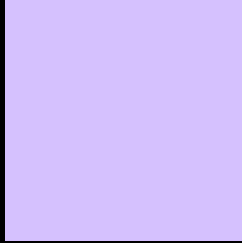
Large Text (above 18pt) WCAG AA × Fail

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 59.2927, 0.2846, 0.2632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

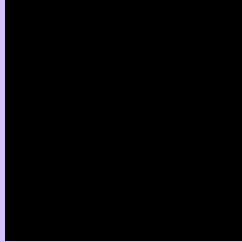
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2927, 0.2846, 0.2632

Background



This preview shows how black text looks on a background with the Yxy color 59.2927, 0.2846, 0.2632.

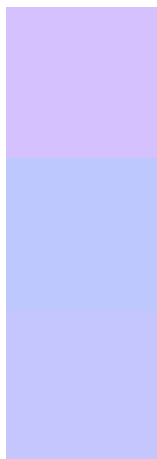


This preview shows how white text looks on a background with the Yxy color 59.2927, 0.2846, 0.2632.

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

59.2927, 0.2846, 0.2632

Protanopia

59.3474, 0.2689, 0.2674

Deuteranopia

59.2158, 0.2745, 0.2679



Tritanopia

59.2456, 0.3052, 0.3105

Trichromacy



Original Color

59.2927, 0.2846, 0.2632

Protanomaly

59.0228, 0.2739, 0.2649

Deuteranomaly

59.1283, 0.2785, 0.2663

Tritanomaly

59.0556, 0.2977, 0.2918

Monochromacy



Original Color

59.2927, 0.2846, 0.2632

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.5109, 0.3025, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2927, 0.2846, 0.2632 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, 193, 254)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 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, 193, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 254) }
```

Border

The CSS property to change the border of an element to Yxy 59.2927, 0.2846, 0.2632 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, 193, 254) }
```

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

```
.border{ border-color:rgb(212, 193, 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, 193, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 254);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2927, 0.2846, 0.2632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 254) }
```

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

```
.background{ background-color: rgb(212,  
193, 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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