

Converting Colors

$Y_{xy}(61.0355, 0.2948, 0.2853)$

Have a look what the booklet for
Yxy(61.0355, 0.2948, 0.2853)
contains.

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Color

Yxy(61.0759, 0.2946, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	D4C7EF
RGB	212, 199, 239
RGB Percent	83%, 78%, 94%
CMY	0.1687, 0.2196, 0.0626
CMYK	0.11, 0.17, 0.00, 0.06
HSL	259°, 56%, 86%
HSV	259°, 17%, 94%
XYZ	63.1554, 61.0759, 90.1454
YIQ	207.4470, -5.0920, 15.1960

Conversions

Conversions Part 2

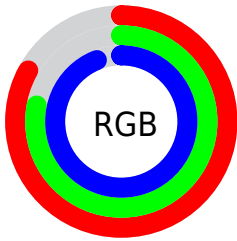
Format	Color
R _Y B	212, 199, 239
Decimal	13944815
CIE _{Lab}	82.42, 12.09, -18.11
CIE _{LCh}	82, 21.772, 303.720
Yxy	61.0759, 0.2946, 0.2849
Android (android.graphics.Color)	4292134895 (0xFFD4C7EF)
YUV	207.4470, 15.5556, 3.9930
Hunter-Lab	78.1511, 7.4848, -13.6838

Details

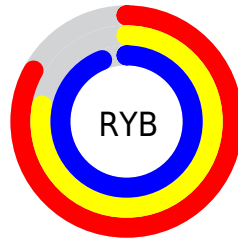
The Yxy color **61.0759, 0.2946, 0.2849** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.0523, 0.3288, 0.3718**, and the grayscale version is **62.6016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.8378, 0.2897, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **48.6476, 0.2816, 0.2553**, and if you desaturate by 10%, it is **75.4770, 0.3060, 0.3121**.

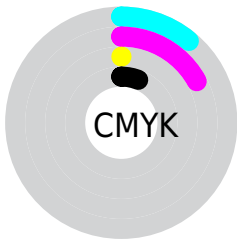
Distribution



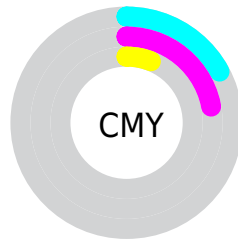
- Red (83%)
- Green (78%)
- Blue (94%)



- Red (83%)
- Yellow (78%)
- Blue (94%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (17%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0759, 0.2946, 0.2849 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 61.0759, 0.2946, 0.2849 by changing the saturation by 10% instead.

61.0759, 0.2946,
0.2849

61.0759, 0.2946,
0.2849

428.5522, 0.3034,
0.3054

44.2864, 0.2925,
0.2802

106.3888, 0.2977,
0.2920

30.8957, 0.2899,
0.2744

135.6811, 0.2989,
0.2948

20.5195, 0.2864,
0.2671

169.9097, 0.2999,
0.2971

12.7732, 0.2818,
0.2576

209.4591, 0.3008,
0.2992

7.2726, 0.2753,
0.2446

254.7136, 0.3016,
0.3010

3.6331, 0.2655,
0.2261

306.0577, 0.3023,

1.4705, 0.2492,

0.3026

0.1977

363.8758, 0.3029,
0.3041

0.2679, 0.2194,
0.1069

0.0000, 0.0000,
0.0000

61.0759, 0.2946,
0.2849

61.0759, 0.2946,
0.2849

48.6476, 0.2816,
0.2553

75.4770, 0.3060,
0.3121

38.0970, 0.2670,
0.2239

91.9251, 0.3157,
0.3367

29.3324, 0.2510,
0.1916

99.0139, 0.3220,
0.3444

22.2515, 0.2342,
0.1600

■ 16.7409, 0.2173,
0.1308

■ 12.6729, 0.2012,
0.1060

■ 9.8989, 0.1869,
0.0871

■ 8.2320, 0.1752,
0.0750

■ 7.8337, 0.1719,
0.0720

Harmonies

Analogous

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



61.0759, 0.2725, 0.2839



61.0759, 0.2946, 0.2849



61.0759, 0.3225, 0.2965

Triad

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



61.0759, 0.2946, 0.2849



61.0759, 0.3669, 0.3608



61.0759, 0.2772, 0.3415

Complementary

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



61.0759, 0.2946, 0.2849



82.0523, 0.3288, 0.3718

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.



61.0759, 0.3013, 0.3651



61.0759, 0.2946, 0.2849



61.0759, 0.3534, 0.3755

Square

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



61.0759, 0.2946, 0.2849



61.0759, 0.3653, 0.3390



61.0759, 0.3292, 0.3777



61.0759, 0.2629, 0.3152

Rectangle

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



61.0759, 0.2946, 0.2849



61.0759, 0.3407, 0.3088



61.0759, 0.3292, 0.3777



61.0759, 0.2844, 0.3501

Sweetspot

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



61.0785, 0.2946, 0.2849



90.5358, 0.3078, 0.3166



72.9638, 0.2868, 0.3150



19.1041, 0.3070, 0.3148



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.



61.0785, 0.2946, 0.2849



65.7060, 0.2905, 0.2753



64.1878, 0.3091, 0.2868



15.4776, 0.3030, 0.3049



4.3906, 0.1733, 0.0729



0.4170, 0.1875, 0.0807

Inverse Universe

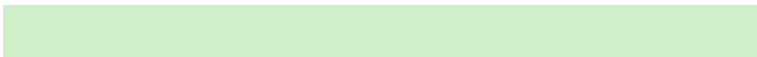
The Inverse Universe completely reimagines the original color for something new.



64.6994, 0.3241, 0.3006



70.6458, 0.3268, 0.2947



79.0466, 0.3154, 0.3736



15.9391, 0.3188, 0.3132



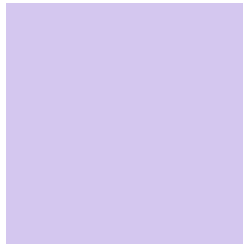
11.5975, 0.4238, 0.2108



0.9830, 0.4068, 0.2015

Previews

White Background



This preview shows how the Yxy color 61.0759, 0.2946, 0.2849 looks on a white background.

Color Contrast Check

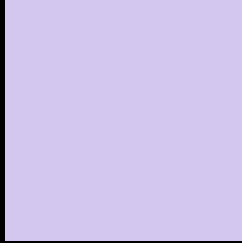
Large Text (above 18pt) WCAG AA × Fail

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 61.0759, 0.2946, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

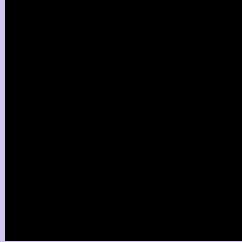
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0759, 0.2946, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 61.0759, 0.2946, 0.2849.



This preview shows how white text looks on a background with the Yxy color 61.0759, 0.2946, 0.2849.

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

61.0759, 0.2946, 0.2849

Protanopia

60.9930, 0.2823, 0.2850

Deuteranopia

61.0959, 0.2925, 0.2858



Tritanopia

61.3817, 0.3060, 0.3108

Trichromacy



Original Color

61.0759, 0.2946, 0.2849

Protanomaly

61.1485, 0.2863, 0.2854

Deuteranomaly

61.2422, 0.2932, 0.2859

Tritanomaly

61.4337, 0.3020, 0.3020

Monochromacy



Original Color

61.0759, 0.2946, 0.2849

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8555, 0.3060, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0759, 0.2946, 0.2849 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, 199, 239)` looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 239)  
}
```

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, 199, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 239) }
```

Border

The CSS property to change the border of an element to Yxy 61.0759, 0.2946, 0.2849 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, 199, 239) }
```

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

```
.border{ border-color:rgb(212, 199, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 199, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 239);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0759, 0.2946, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 199, 239) }
```

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

```
.background{ background-color: rgb(212,  
199, 239) }
```

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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