

Converting Colors

Yxy(60.2612, 0.2951, 0.2831)

Have a look what the booklet for
Yxy(60.2612, 0.2951, 0.2831)
contains.

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Color

Yxy(60.1615, 0.2946, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	D4C5EF
RGB	212, 197, 239
RGB Percent	83%, 77%, 94%
CMY	0.1686, 0.2274, 0.0628
CMYK	0.11, 0.18, 0.00, 0.06
HSL	261°, 57%, 85%
HSV	261°, 18%, 94%
XYZ	62.6939, 60.1615, 89.9550
YIQ	206.2730, -4.5420, 16.2420

Conversions

Conversions Part 2

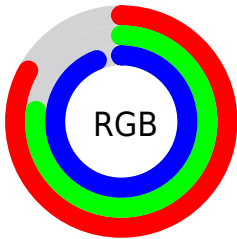
Format	Color
R _Y B	212, 197, 239
Decimal	13944303
CIE Lab	81.93, 13.15, -18.83
CIE LCh	82, 22.965, 304.930
Yxy	60.1615, 0.2946, 0.2827
Android (android.graphics.Color)	4292134383 (0xFFD4C5EF)
YUV	206.2730, 16.1344, 5.0226
Hunter-Lab	77.5638, 8.5427, -14.4671

Details

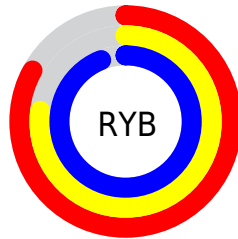
The Yxy color **60.1615, 0.2946, 0.2827** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.6012, 0.3287, 0.3742**, and the grayscale version is **61.8029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **30.2319, 0.2896, 0.2713** is the 20% darker color. If you saturate the color by 10%, you get **47.9811, 0.2821, 0.2531**, and if you desaturate by 10%, it is **74.2847, 0.3055, 0.3100**.

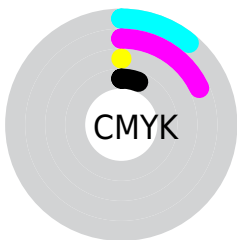
Distribution



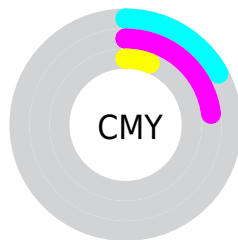
- Red (83%)
- Green (77%)
- Blue (94%)



- Red (83%)
- Yellow (77%)
- Blue (94%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (17%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1615, 0.2946, 0.2827 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 60.1615, 0.2946, 0.2827 by changing the saturation by 10% instead.

60.1615, 0.2946,
0.2827

60.1615, 0.2946,
0.2827

425.1928, 0.3034,
0.3042

43.5488, 0.2925,
0.2778

105.0639, 0.2978,
0.2902

30.3160, 0.2898,
0.2717

134.1224, 0.2990,
0.2931

20.0785, 0.2863,
0.2640

168.0983, 0.3000,
0.2956

12.4521, 0.2816,
0.2540

207.3761, 0.3009,
0.2977

7.0524, 0.2750,
0.2404

252.3400, 0.3016,
0.2996

3.4949, 0.2649,
0.2210

303.3745, 0.3023,

1.3952, 0.2481,

0.3013

0.1913

360.8639, 0.3029,
0.3028

0.2132, 0.2172,
0.0884

0.0000, 0.0000,
0.0000

60.1615, 0.2946,
0.2827

60.1615, 0.2946,
0.2827

47.9811, 0.2821,
0.2531

74.2847, 0.3055,
0.3100

37.6489, 0.2681,
0.2219

90.4244, 0.3149,
0.3348

29.0739, 0.2527,
0.1901

99.0110, 0.3220,
0.3444

22.1540, 0.2365,
0.1591

■ 16.7762, 0.2202,
0.1306

■ 12.8129, 0.2046,
0.1066

■ 10.1147, 0.1906,
0.0884

■ 8.4847, 0.1789,
0.0768

■ 8.1775, 0.1764,
0.0745

Harmonies

Analogous

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



60.1615, 0.2709, 0.2811



60.1615, 0.2946, 0.2827



60.1615, 0.3243, 0.2953

Triad

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



60.1615, 0.2946, 0.2827



60.1615, 0.3699, 0.3634



60.1615, 0.2743, 0.3411

Complementary

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



60.1615, 0.2946, 0.2827



81.6012, 0.3287, 0.3742

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.



60.1615, 0.2994, 0.3666



60.1615, 0.2946, 0.2827



60.1615, 0.3549, 0.3787

Square

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



60.1615, 0.2946, 0.2827



60.1615, 0.3689, 0.3405



60.1615, 0.3289, 0.3805



60.1615, 0.2596, 0.3132

Rectangle

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



60.1615, 0.2946, 0.2827



60.1615, 0.3435, 0.3084



60.1615, 0.3289, 0.3805



60.1615, 0.2817, 0.3504

Sweetspot

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



60.1640, 0.2946, 0.2827



90.6114, 0.3080, 0.3166



71.5709, 0.2854, 0.3126



19.1224, 0.3073, 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.



60.1640, 0.2946, 0.2827



64.5080, 0.2904, 0.2726



63.4386, 0.3100, 0.2848



15.5033, 0.3035, 0.3050



4.5867, 0.1779, 0.0754



0.4355, 0.1924, 0.0833

Inverse Universe

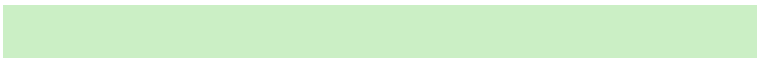
The Inverse Universe completely reimagines the original color for something new.



63.6660, 0.3258, 0.3005



69.2926, 0.3289, 0.2946



78.4939, 0.3146, 0.3762



15.9300, 0.3193, 0.3139



11.4502, 0.4366, 0.2179



0.9714, 0.4174, 0.2073

Previews

White Background



This preview shows how the Yxy color 60.1615, 0.2946, 0.2827 looks on a white background.

Color Contrast Check

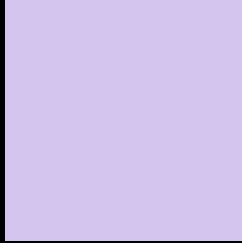
Large Text (above 18pt) WCAG AA × Fail

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 60.1615, 0.2946, 0.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

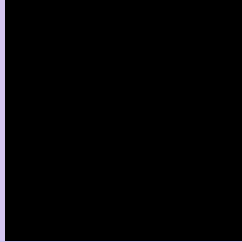
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1615, 0.2946, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 60.1615, 0.2946, 0.2827.



This preview shows how white text looks on a background with the Yxy color 60.1615, 0.2946, 0.2827.

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

60.1615, 0.2946, 0.2827

Protanopia

60.2540, 0.2809, 0.2837

Deuteranopia

60.3442, 0.2910, 0.2845



Tritanopia

60.1929, 0.3067, 0.3107

Trichromacy



Original Color

60.1615, 0.2946, 0.2827

Protanomaly

60.0769, 0.2855, 0.2830

Deuteranomaly

60.1755, 0.2924, 0.2835

Tritanomaly

60.3001, 0.3019, 0.3007

Monochromacy



Original Color

60.1615, 0.2946, 0.2827

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1837, 0.3060, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1615, 0.2946, 0.2827 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(212, 197, 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, 197, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 197, 239) }
```

Border

The CSS property to change the border of an element to Yxy 60.1615, 0.2946, 0.2827 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, 239) }
```

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

```
.border{ border-color:rgb(212, 197, 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, 197, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 197, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 197, 239);  
box-shadow:4px 4px 4px 4px rgb(212, 197,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1615, 0.2946, 0.2827 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, 239) }
```

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

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