

Converting Colors

Yxy(58.4872, 0.2900, 0.2859)

Have a look what the booklet for
Yxy(58.4872, 0.2900, 0.2859)
contains.

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Color

Yxy(58.4872, 0.2900, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	CAC5EB
RGB	202, 197, 235
RGB Percent	79%, 77%, 92%
CMY	0.2077, 0.2275, 0.0784
CMYK	0.14, 0.16, 0.00, 0.08
HSL	248°, 49%, 85%
HSV	248°, 16%, 92%
XYZ	59.3259, 58.4872, 86.7591
YIQ	202.8270, -9.2180, 12.8780

Conversions

Conversions Part 2

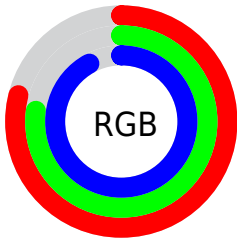
Format	Color
R _Y B	202, 197, 235
Decimal	13288939
CIE Lab	81.01, 9.16, -18.16
CIE LCh	81, 20.341, 296.777
Yxy	58.4872, 0.2900, 0.2859
Android (android.graphics.Color)	4291479019 (0xFFCAC5EB)
YUV	202.8270, 15.8613, -0.7253
Hunter-Lab	76.4769, 4.6344, -13.7276

Details

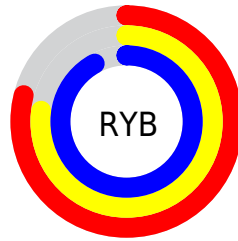
The Yxy color **58.4872, 0.2900, 0.2859** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.2635, 0.3334, 0.3696**, and the grayscale version is **59.5141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **29.1955, 0.2845, 0.2753** is the 20% darker color. If you saturate the color by 10%, you get **45.9784, 0.2734, 0.2553**, and if you desaturate by 10%, it is **73.0399, 0.3046, 0.3135**.

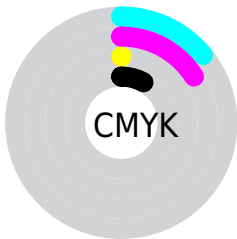
Distribution



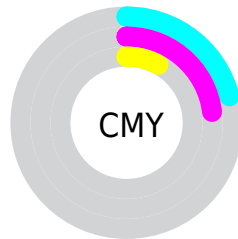
- Red (79%)
- Green (77%)
- Blue (92%)



- Red (79%)
- Yellow (77%)
- Blue (92%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (21%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4872, 0.2900, 0.2859 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 58.4872, 0.2900, 0.2859 by changing the saturation by 10% instead.

■ 58.4872, 0.2900,
0.2859

■ 58.4872, 0.2900,
0.2859

418.9989, 0.3010,
0.3061

■ 42.2005, 0.2874,
0.2812

102.6320, 0.2939,
0.2930

■ 29.2583, 0.2841,
0.2754

131.2588, 0.2954,
0.2957

■ 19.2763, 0.2798,
0.2680

164.7678, 0.2967,
0.2980

■ 11.8701, 0.2740,
0.2583

203.5434, 0.2978,
0.3001

■ 6.6553, 0.2659,
0.2450

247.9699, 0.2987,
0.3019

■ 3.2475, 0.2536,
0.2256

298.4317, 0.2996,

■ 1.2623, 0.2332,

0.3035

0.1954

355.3132, 0.3003,
0.3049

0.1117, 0.1737,
0.0588

0.0000, 0.0000,
0.0000

58.4872, 0.2900,
0.2859

58.4872, 0.2900,
0.2859

45.9784, 0.2734,
0.2553

73.0399, 0.3046,
0.3135

35.4146, 0.2551,
0.2222

89.7148, 0.3174,
0.3380

26.7000, 0.2355,
0.1878

98.7782, 0.3244,
0.3483

19.7274, 0.2155,
0.1537

■ 14.3786, 0.1964,
0.1222

■ 10.5206, 0.1794,
0.0958

■ 7.9992, 0.1659,
0.0765

■ 6.6246, 0.1568,
0.0652

■ 6.2925, 0.1544,
0.0624

Harmonies

Analogous

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



58.4872, 0.2710, 0.2875



58.4872, 0.2900, 0.2859



58.4872, 0.3158, 0.2948

Triad

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



58.4872, 0.2900, 0.2859



58.4872, 0.3650, 0.3549



58.4872, 0.2837, 0.3466

Complementary

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



58.4872, 0.2900, 0.2859



80.2635, 0.3334, 0.3696

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.



58.4872, 0.3080, 0.3670



58.4872, 0.2900, 0.2859



58.4872, 0.3554, 0.3708

Square

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



58.4872, 0.2900, 0.2859



58.4872, 0.3600, 0.3334



58.4872, 0.3343, 0.3759



58.4872, 0.2675, 0.3216

Rectangle

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



58.4872, 0.2900, 0.2859



58.4872, 0.3335, 0.3054



58.4872, 0.3343, 0.3759



58.4872, 0.2912, 0.3543

Sweetspot

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



58.4896, 0.2900, 0.2859



90.0960, 0.3062, 0.3165



74.7770, 0.2880, 0.3240



18.9975, 0.3052, 0.3147



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.



58.4896, 0.2900, 0.2859



65.7712, 0.2854, 0.2773



61.2107, 0.3036, 0.2876



14.6448, 0.3000, 0.3048



3.5328, 0.1552, 0.0628



0.3080, 0.1651, 0.0683

Inverse Universe

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



63.3025, 0.3183, 0.2941



72.4806, 0.3194, 0.2876



77.3800, 0.3206, 0.3713



15.2774, 0.3158, 0.3088



12.2647, 0.3575, 0.1743



0.9726, 0.3517, 0.1711

Previews

White Background



This preview shows how the Yxy color 58.4872, 0.2900, 0.2859 looks on a white background.

Color Contrast Check

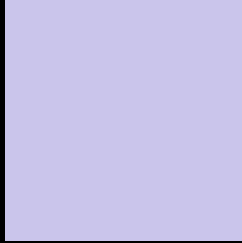
Large Text (above 18pt) WCAG AA × Fail

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 58.4872, 0.2900, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

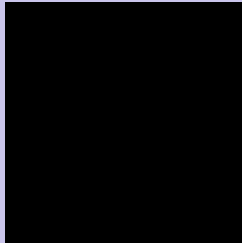
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4872, 0.2900, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 58.4872, 0.2900, 0.2859.



This preview shows how white text looks on a background with the Yxy color 58.4872, 0.2900, 0.2859.

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

58.4872, 0.2900, 0.2859

Protanopia

58.4306, 0.2831, 0.2854

Deuteranopia

58.3154, 0.2914, 0.2849



Tritanopia

58.4085, 0.3006, 0.3102

Trichromacy



Original Color

58.4872, 0.2900, 0.2859

Protanomaly

58.3146, 0.2858, 0.2856

Deuteranomaly

58.1745, 0.2907, 0.2848

Tritanomaly

58.4539, 0.2966, 0.3012

Monochromacy



Original Color

58.4872, 0.2900, 0.2859

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3761, 0.3043, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4872, 0.2900, 0.2859 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(202, 197, 235)` looks like.

```
.text, #text, p{  
    color:rgb(202, 197, 235)  
}
```

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(202, 197, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 197, 235) }
```

Border

The CSS property to change the border of an element to Yxy 58.4872, 0.2900, 0.2859 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(202, 197, 235) }
```

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

```
.border{ border-color:rgb(202, 197, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 197, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 197, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 197, 235);  
box-shadow:4px 4px 4px 4px rgb(202, 197,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4872, 0.2900, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 197, 235) }
```

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

```
.background{ background-color: rgb(202,  
197, 235) }
```

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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