

Converting Colors

$Y_{xy}(57.9170, 0.2804, 0.2739)$

Have a look what the booklet for
Yxy(57.9170, 0.2804, 0.2739)
contains.

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Color

Yxy(57.9427, 0.2799, 0.2738)

Conversions

Conversions Part 1

Format	Color
Hex	C5C4F5
RGB	197, 196, 245
RGB Percent	77%, 77%, 96%
CMY	0.2277, 0.2313, 0.0392
CMYK	0.20, 0.20, 0.00, 0.04
HSL	241°, 71%, 86%
HSV	241°, 20%, 96%
XYZ	59.2336, 57.9427, 94.4479
YIQ	201.8850, -15.1330, 15.4510

Conversions

Conversions Part 2

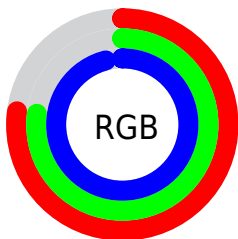
Format	Color
R_{YB}	197, 196, 245
Decimal	12961013
CIE Lab	80.71, 10.24, -24.00
CIE LCh	81, 26.098, 293.111
Yxy	57.9427, 0.2799, 0.2738
Android (android.graphics.Color)	4291151093 (0xFFC5C4F5)
YUV	201.8850, 21.2557, -4.2841
Hunter-Lab	76.1201, 5.6914, -20.2814

Details

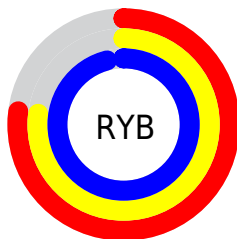
The Yxy color $57.9427, 0.2799, 0.2738$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $88.5417, 0.3423, 0.3790$, and the grayscale version is $58.8552, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.5414, 0.3122, 0.3271$, and $28.8598, 0.2715, 0.2596$ is the 20% darker color. If you saturate the color by 10%, you get $44.7885, 0.2605, 0.2413$, and if you desaturate by 10%, it is $73.4240, 0.2974, 0.3031$.

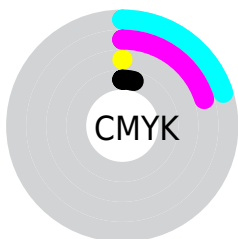
Distribution



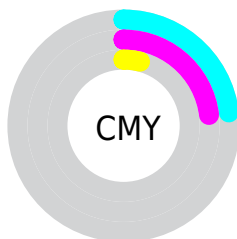
- Red (77%)
- Green (77%)
- Blue (96%)



- Red (77%)
- Yellow (77%)
- Blue (96%)



- Cyan (20%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (23%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9427, 0.2799, 0.2738 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 57.9427, 0.2799, 0.2738 by changing the saturation by 10% instead.

■ 57.9427, 0.2799,
0.2738

■ 57.9427, 0.2799,
0.2738

■ 416.9724, 0.2957,
0.2996

■ 41.7626, 0.2761,
0.2679

■ 101.8394, 0.2855,
0.2828

■ 28.9154, 0.2714,
0.2606

■ 130.3248, 0.2877,
0.2862

■ 19.0169, 0.2654,
0.2514

■ 163.6807, 0.2895,
0.2892

■ 11.6825, 0.2573,
0.2393

■ 202.2916, 0.2911,
0.2918

■ 6.5278, 0.2460,
0.2230

■ 246.5418, 0.2925,
0.2941

■ 3.1686, 0.2293,
0.1998

■ 296.8157, 0.2937,

■ 1.2204, 0.2025,

0.2961

0.1650

353.4978, 0.2948,
0.2979

0.0783, 0.1348,
0.0325

0.0000, 0.0000,
0.0000

57.9427, 0.2799,
0.2738

57.9427, 0.2799,
0.2738

44.7885, 0.2605,
0.2413

73.4240, 0.2974,
0.3031

33.8424, 0.2396,
0.2064

91.3297, 0.3127,
0.3290

24.9855, 0.2181,
0.1706

99.3726, 0.3185,
0.3386

18.0848, 0.1973,
0.1362

■ 12.9924, 0.1788,
0.1059

■ 9.5389, 0.1644,
0.0824

■ 7.5233, 0.1549,
0.0673

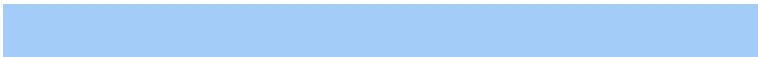
■ 6.6226, 0.1504,
0.0602

■ 6.6219, 0.1504,
0.0602

Harmonies

Analogous

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



57.9427, 0.2575, 0.2771



57.9427, 0.2799, 0.2738



57.9427, 0.3121, 0.2836

Triad

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



57.9427, 0.2799, 0.2738



57.9427, 0.3804, 0.3583



57.9427, 0.2787, 0.3555

Complementary

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



57.9427, 0.2799, 0.2738



88.5417, 0.3423, 0.3790

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.



57.9427, 0.3104, 0.3810



57.9427, 0.2799, 0.2738



57.9427, 0.3699, 0.3805

Square

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



57.9427, 0.2799, 0.2738



57.9427, 0.3717, 0.3306



57.9427, 0.3439, 0.3898



57.9427, 0.2568, 0.3228

Rectangle

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



57.9427, 0.2799, 0.2738



57.9427, 0.3352, 0.2962



57.9427, 0.3439, 0.3898



57.9427, 0.2886, 0.3654

Sweetspot

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



57.9451, 0.2799, 0.2738



87.8861, 0.3037, 0.3138



83.1441, 0.2827, 0.3280



18.5417, 0.3027, 0.3121



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.



57.9451, 0.2799, 0.2738



57.3079, 0.2722, 0.2610



61.5077, 0.2974, 0.2765



15.9414, 0.2982, 0.3045



3.5738, 0.1506, 0.0603



0.3192, 0.1520, 0.0611

Inverse Universe

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



65.4412, 0.3157, 0.2801



66.9018, 0.3163, 0.2701



84.4602, 0.3256, 0.3817



16.7627, 0.3141, 0.3061



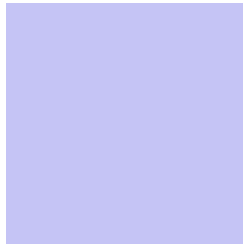
13.8644, 0.3256, 0.1567



1.2202, 0.3250, 0.1564

Previews

White Background



This preview shows how the Yxy color 57.9427, 0.2799, 0.2738 looks on a white background.

Color Contrast Check

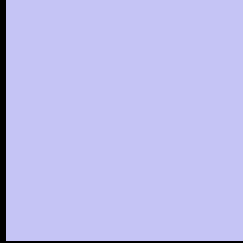
Large Text (above 18pt) WCAG AA × Fail

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 57.9427, 0.2799, 0.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

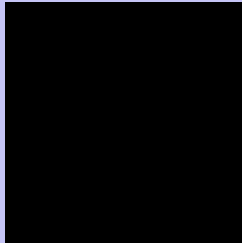
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9427, 0.2799, 0.2738

Background



This preview shows how black text looks on a background with the Yxy color 57.9427, 0.2799, 0.2738.



This preview shows how white text looks on a background with the Yxy color 57.9427, 0.2799, 0.2738.

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

57.9427, 0.2799, 0.2738

Protanopia

57.9224, 0.2734, 0.2732

Deuteranopia

57.9427, 0.2799, 0.2738



Tritanopia

57.9895, 0.2948, 0.3100

Trichromacy



Original Color

57.9427, 0.2799, 0.2738

Protanomaly

57.7928, 0.2760, 0.2734

Deuteranomaly

57.9427, 0.2799, 0.2738

Tritanomaly

57.8622, 0.2895, 0.2963

Monochromacy



Original Color

57.9427, 0.2799, 0.2738

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6499, 0.3000, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9427, 0.2799, 0.2738 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(197, 196, 245)` looks like.

```
.text, #text, p{  
    color:rgb(197, 196, 245)  
}
```

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(197, 196, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 196, 245) }
```

Border

The CSS property to change the border of an element to Yxy 57.9427, 0.2799, 0.2738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

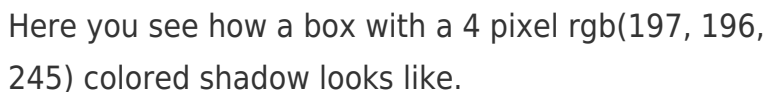
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 196, 245) }
```

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

```
.border{ border-color:rgb(197, 196, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 196, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 196, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 196, 245);  
box-shadow:4px 4px 4px 4px rgb(197, 196,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9427, 0.2799, 0.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 196, 245) }
```

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

```
.background{ background-color: rgb(197,  
196, 245) }
```

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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