

Converting Colors

$Y_{xy}(59.3922, 0.2919, 0.2989)$

Have a look what the booklet for
Yxy(59.3922, 0.2919, 0.2989)
contains.

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Color

Yxy(59.1897, 0.2918, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	C5C9E3
RGB	197, 201, 227
RGB Percent	77%, 79%, 89%
CMY	0.2273, 0.2118, 0.1098
CMYK	0.13, 0.11, 0.00, 0.11
HSL	232°, 35%, 83%
HSV	232°, 13%, 89%
XYZ	57.7837, 59.1897, 81.0517
YIQ	202.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

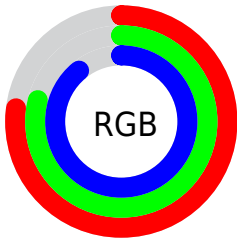
Format	Color
R_{YB}	197, 201, 227
Decimal	12962275
CIE Lab	81.40, 3.76, -13.33
CIE LCh	81, 13.855, 285.752
Yxy	59.1897, 0.2918, 0.2989
Android (android.graphics.Color)	4291152355 (0xFFC5C9E3)
YUV	202.7680, 11.9464, -5.0585
Hunter-Lab	76.9348, -0.5694, -8.6083

Details

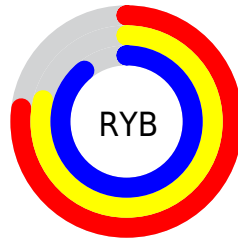
The Yxy color **59.1897, 0.2918, 0.2989** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.1594, 0.3330, 0.3574**, and the grayscale version is **59.5008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **29.6856, 0.2860, 0.2907** is the 20% darker color. If you saturate the color by 10%, you get **47.7518, 0.2740, 0.2727**, and if you desaturate by 10%, it is **72.2717, 0.3079, 0.3222**.

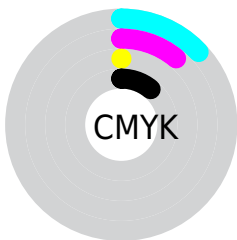
Distribution



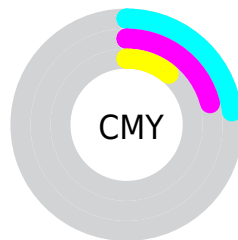
- Red (77%)
- Green (79%)
- Blue (89%)



- Red (77%)
- Yellow (79%)
- Blue (89%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1897, 0.2918, 0.2989 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 59.1897, 0.2918, 0.2989 by changing the saturation by 10% instead.

■ 59.1897, 0.2918,
0.2989

■ 59.1897, 0.2918,
0.2989

421.6046, 0.3018,
0.3132

■ 42.7658, 0.2894,
0.2956

103.6533, 0.2954,
0.3039

■ 29.7014, 0.2864,
0.2914

132.4619, 0.2967,
0.3059

■ 19.6121, 0.2826,
0.2860

166.1675, 0.2979,
0.3075

■ 12.1134, 0.2774,
0.2789

205.1545, 0.2989,
0.3089

■ 6.8209, 0.2701,
0.2690

249.8073, 0.2998,
0.3102

■ 3.3504, 0.2590,
0.2543

300.5103, 0.3005,

■ 1.3173, 0.2406,

0.3113

0.2304

357.6479, 0.3012,
0.3123

0.1545, 0.1591,
0.1030

0.0000, 0.0000,
0.0000

59.1897, 0.2918,
0.2989

59.1897, 0.2918,
0.2989

47.7518, 0.2740,
0.2727

72.2717, 0.3079,
0.3222

37.8856, 0.2548,
0.2438

87.0518, 0.3223,
0.3426

29.5243, 0.2347,
0.2128

98.3261, 0.3292,
0.3562

22.5932, 0.2145,
0.1807

■ 17.0114, 0.1953,
0.1491

■ 12.6895, 0.1784,
0.1201

■ 9.5275, 0.1651,
0.0956

■ 7.4088, 0.1562,
0.0774

■ 6.4754, 0.1525,
0.0689

Harmonies

Analogous

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



59.1897, 0.2811, 0.3031



59.1897, 0.2918, 0.2989



59.1897, 0.3082, 0.3024

Triad

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



59.1897, 0.2918, 0.2989



59.1897, 0.3480, 0.3419



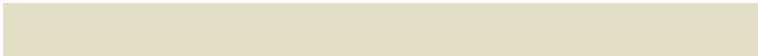
59.1897, 0.2987, 0.3465

Complementary

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



59.1897, 0.2918, 0.2989



73.1594, 0.3330, 0.3574

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.



59.1897, 0.3164, 0.3576



59.1897, 0.2918, 0.2989



59.1897, 0.3451, 0.3544

Square

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



59.1897, 0.2918, 0.2989



59.1897, 0.3410, 0.3267



59.1897, 0.3334, 0.3604



59.1897, 0.2851, 0.3304

Rectangle

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



59.1897, 0.2918, 0.2989



59.1897, 0.3204, 0.3084



59.1897, 0.3334, 0.3604



59.1897, 0.3044, 0.3510

Sweetspot

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



59.1922, 0.2918, 0.2989



92.5986, 0.3067, 0.3204



72.1412, 0.2950, 0.3335



19.5306, 0.3055, 0.3187



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.



59.1922, 0.2918, 0.2989



72.5202, 0.2868, 0.2916



58.9067, 0.2998, 0.2950



14.1928, 0.2980, 0.3079



3.8715, 0.1529, 0.0704



0.3854, 0.1587, 0.0912

Inverse Universe

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



60.4954, 0.3338, 0.3246



74.6003, 0.3393, 0.3236



73.5720, 0.3245, 0.3624



14.3989, 0.3272, 0.3259



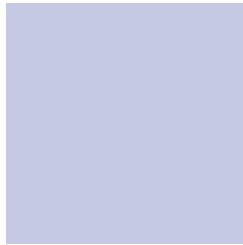
9.5885, 0.6225, 0.3203



0.7186, 0.5893, 0.3020

Previews

White Background



This preview shows how the Yxy color 59.1897, 0.2918, 0.2989 looks on a white background.

Color Contrast Check

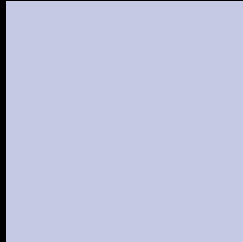
Large Text (above 18pt) WCAG AA × Fail

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 59.1897, 0.2918, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

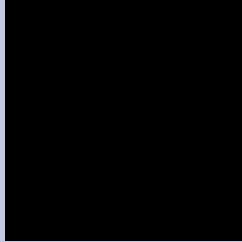
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

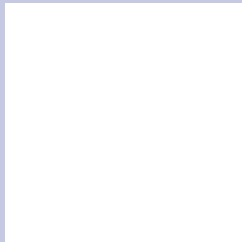
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1897, 0.2918, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 59.1897, 0.2918, 0.2989.

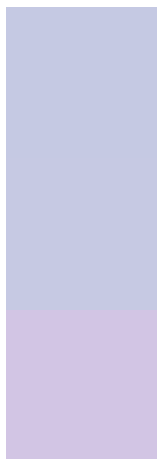


This preview shows how white text looks on a background with the Yxy color 59.1897, 0.2918, 0.2989.

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

59.1897, 0.2918, 0.2989

Protanopia

59.3251, 0.2925, 0.2990

Deuteranopia

59.2356, 0.3006, 0.2941



Tritanopia

59.0388, 0.2971, 0.3102

Trichromacy



Original Color

59.1897, 0.2918, 0.2989

Protanomaly

59.3251, 0.2925, 0.2990

Deuteranomaly

58.9687, 0.2969, 0.2949

Tritanomaly

59.1973, 0.2951, 0.3068

Monochromacy



Original Color

59.1897, 0.2918, 0.2989

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.4120, 0.3049, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1897, 0.2918, 0.2989 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, 201, 227)` looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 227)  
}
```

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, 201, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 227) }
```

Border

The CSS property to change the border of an element to Yxy 59.1897, 0.2918, 0.2989 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, 201, 227) }
```

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

```
.border{ border-color:rgb(197, 201, 227) }
```

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

Here you see how a box with a 4 pixel rgb(197, 201, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 201, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 201, 227);  
box-shadow:4px 4px 4px 4px rgb(197, 201,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1897, 0.2918, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 201, 227) }
```

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

```
.background{ background-color: rgb(197,  
201, 227) }
```

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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