

Converting Colors

$Yxy(58.0342, 0.2973, 0.3019)$

Have a look what the booklet for
Yxy(58.0342, 0.2973, 0.3019)
contains.

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Color

Yxy(57.9415, 0.2973, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	C8C6DE
RGB	200, 198, 222
RGB Percent	78%, 78%, 87%
CMY	0.2155, 0.2236, 0.1294
CMYK	0.10, 0.11, 0.00, 0.13
HSL	245°, 27%, 82%
HSV	245°, 11%, 87%
XYZ	57.2103, 57.9415, 77.2810
YIQ	201.3340, -6.5120, 7.8880

Conversions

Conversions Part 2

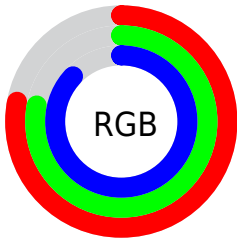
Format	Color
R _Y B	200, 198, 222
Decimal	13158110
CIE Lab	80.71, 5.33, -11.67
CIE LCh	81, 12.826, 294.541
Yxy	57.9415, 0.2973, 0.3011
Android (android.graphics.Color)	4291348190 (0xFFC8C6DE)
YUV	201.3340, 10.1883, -1.1699
Hunter-Lab	76.1193, 0.9494, -6.9113

Details

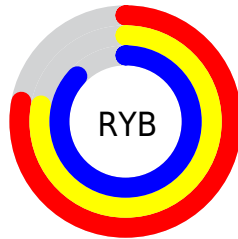
The Yxy color **57.9415, 0.2973, 0.3011** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5297, 0.3273, 0.3557**, and the grayscale version is **58.5714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.8475, 0.2931, 0.2936** is the 20% darker color. If you saturate the color by 10%, you get **45.9171, 0.2810, 0.2720**, and if you desaturate by 10%, it is **71.8289, 0.3116, 0.3270**.

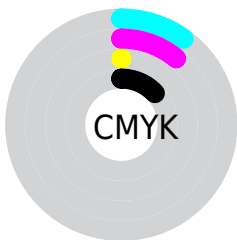
Distribution



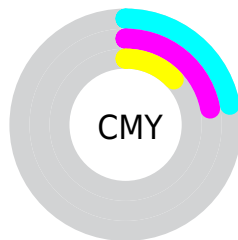
- Red (78%)
- Green (78%)
- Blue (87%)



- Red (78%)
- Yellow (78%)
- Blue (87%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9415, 0.2973, 0.3011 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 57.9415, 0.2973, 0.3011 by changing the saturation by 10% instead.

■ 57.9415, 0.2973,
0.3011

■ 57.9415, 0.2973,
0.3011

416.9679, 0.3048,
0.3144

■ 41.7616, 0.2955,
0.2980

101.8377, 0.3000,
0.3058

■ 28.9147, 0.2933,
0.2941

130.3227, 0.3010,
0.3076

■ 19.0163, 0.2903,
0.2891

163.6783, 0.3018,
0.3091

■ 11.6820, 0.2864,
0.2824

202.2888, 0.3026,
0.3104

■ 6.5276, 0.2807,
0.2731

246.5387, 0.3032,
0.3116

■ 3.1684, 0.2721,
0.2592

296.8122, 0.3038,

■ 1.2203, 0.2572,

0.3126

0.2363

353.4938, 0.3043,
0.3135

0.0782, 0.1727,
0.0661

0.0000, 0.0000,
0.0000

57.9415, 0.2973,
0.3011

57.9415, 0.2973,
0.3011

45.9171, 0.2810,
0.2720

71.8289, 0.3116,
0.3270

35.6694, 0.2628,
0.2399

87.6463, 0.3240,
0.3497

27.1164, 0.2430,
0.2057

98.0544, 0.3321,
0.3611

20.1665, 0.2225,
0.1708

■ 14.7195, 0.2023,
0.1373

■ 10.6639, 0.1840,
0.1076

■ 7.8729, 0.1689,
0.0842

■ 6.1958, 0.1582,
0.0689

■ 5.4143, 0.1524,
0.0613

Harmonies

Analogous

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



57.9415, 0.2854, 0.3030



57.9415, 0.2973, 0.3011



57.9415, 0.3136, 0.3063

Triad

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



57.9415, 0.2973, 0.3011



57.9415, 0.3457, 0.3449



57.9415, 0.2954, 0.3412

Complementary

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



57.9415, 0.2973, 0.3011



71.5297, 0.3273, 0.3557

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.



57.9415, 0.3112, 0.3533



57.9415, 0.2973, 0.3011



57.9415, 0.3405, 0.3551

Square

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



57.9415, 0.2973, 0.3011



57.9415, 0.3419, 0.3311



57.9415, 0.3277, 0.3584



57.9415, 0.2844, 0.3258

Rectangle

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



57.9415, 0.2973, 0.3011



57.9415, 0.3248, 0.3130



57.9415, 0.3277, 0.3584



57.9415, 0.3003, 0.3458

Sweetspot

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



57.9439, 0.2973, 0.3011



93.9140, 0.3086, 0.3216



68.4684, 0.2961, 0.3267



19.7620, 0.3075, 0.3196



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.



57.9439, 0.2973, 0.3011



75.3436, 0.2938, 0.2947



59.6536, 0.3063, 0.3019



13.2995, 0.2994, 0.3048



3.2356, 0.1529, 0.0616



0.2441, 0.1608, 0.0660

Inverse Universe

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



61.0772, 0.3155, 0.3047



80.4602, 0.3161, 0.2995



69.7331, 0.3186, 0.3564



13.9142, 0.3151, 0.3079



11.7898, 0.3438, 0.1667



0.8233, 0.3398, 0.1646

Previews

White Background



This preview shows how the Yxy color 57.9415, 0.2973, 0.3011 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 57.9415, 0.2973, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

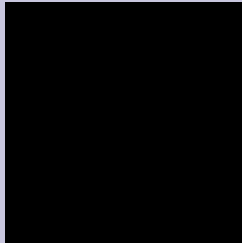
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9415, 0.2973, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 57.9415, 0.2973, 0.3011.

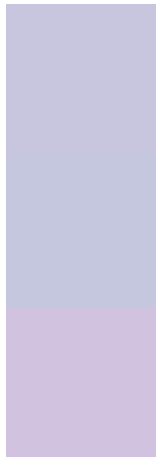


This preview shows how white text looks on a background with the Yxy color 57.9415, 0.2973, 0.3011.

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

57.9415, 0.2973, 0.3011

Protanopia

58.0449, 0.2944, 0.3010

Deuteranopia

57.9132, 0.3034, 0.2971



Tritanopia

57.8953, 0.3013, 0.3102

Trichromacy



Original Color

57.9415, 0.2973, 0.3011

Protanomaly

58.1803, 0.2951, 0.3011

Deuteranomaly

57.9294, 0.3011, 0.2981

Tritanomaly

58.0509, 0.2993, 0.3068

Monochromacy



Original Color

57.9415, 0.2973, 0.3011

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3295, 0.3071, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9415, 0.2973, 0.3011 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(200, 198, 222)` looks like.

```
.text, #text, p{  
    color:rgb(200, 198, 222)  
}
```

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(200, 198, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 198, 222) }
```

Border

The CSS property to change the border of an element to Yxy 57.9415, 0.2973, 0.3011 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(200, 198, 222) }
```

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

```
.border{ border-color:rgb(200, 198, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 198, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 198, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 198, 222);  
box-shadow:4px 4px 4px 4px rgb(200, 198,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9415, 0.2973, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 198, 222) }
```

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

```
.background{ background-color: rgb(200,  
198, 222) }
```

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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