

Converting Colors

Yxy(58.0438, 0.3003, 0.3002)

Have a look what the booklet for
Yxy(58.0438, 0.3003, 0.3002)
contains.

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Color

Yxy(58.0438, 0.3003, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	CCC5DE
RGB	204, 197, 222
RGB Percent	80%, 77%, 87%
CMY	0.1998, 0.2275, 0.1294
CMYK	0.08, 0.11, 0.00, 0.13
HSL	257°, 27%, 82%
HSV	257°, 11%, 87%
XYZ	58.0631, 58.0438, 77.2435
YIQ	201.9430, -3.8530, 9.2590

Conversions

Conversions Part 2

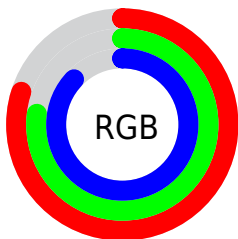
Format	Color
RYB	204, 197, 222
Decimal	13419998
CIELab	80.76, 7.17, -11.54
CIELCh	81, 13.586, 301.851
Yxy	58.0438, 0.3003, 0.3002
Android (android.graphics.Color)	4291610078 (0xFFCCC5DE)
YUV	201.9430, 9.8881, 1.8040
Hunter-Lab	76.1865, 2.7118, -6.7821

Details

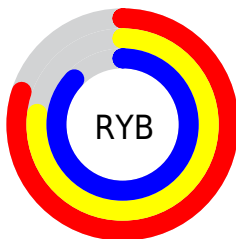
The Yxy color **58.0438, 0.3003, 0.3002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7039, 0.3243, 0.3571**, and the grayscale version is **58.9697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.9190, 0.2971, 0.2924** is the 20% darker color. If you saturate the color by 10%, you get **46.5599, 0.2875, 0.2718**, and if you desaturate by 10%, it is **71.2471, 0.3114, 0.3259**.

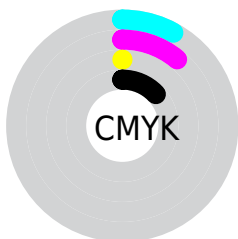
Distribution



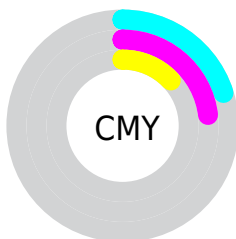
- Red (80%)
- Green (77%)
- Blue (87%)



- Red (80%)
- Yellow (77%)
- Blue (87%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0438, 0.3003, 0.3002 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 58.0438, 0.3003, 0.3002 by changing the saturation by 10% instead.

■ 58.0438, 0.3003,
0.3002

■ 58.0438, 0.3003,
0.3002

417.3491, 0.3063,
0.3138

■ 41.8439, 0.2988,
0.2970

101.9866, 0.3025,
0.3050

■ 28.9791, 0.2970,
0.2930

130.4983, 0.3033,
0.3068

■ 19.0650, 0.2946,
0.2879

163.8827, 0.3040,
0.3084

■ 11.7172, 0.2913,
0.2811

202.5242, 0.3046,
0.3098

■ 6.5514, 0.2867,
0.2716

246.8072, 0.3051,
0.3110

■ 3.1832, 0.2795,
0.2575

297.1161, 0.3056,

■ 1.2281, 0.2670,

0.3121

0.2344

353.8353, 0.3060,
0.3130

0.0845, 0.2061,
0.0682

0.0000, 0.0000,
0.0000

58.0438, 0.3003,
0.3002

58.0438, 0.3003,
0.3002

46.5599, 0.2875,
0.2718

71.2471, 0.3114,
0.3259

36.7166, 0.2730,
0.2411

86.2296, 0.3210,
0.3490

28.4397, 0.2569,
0.2089

97.4565, 0.3301,
0.3613

21.6464, 0.2397,
0.1762

98.0535, 0.3322,
0.3611

■ 16.2460, 0.2221,
0.1450

■ 12.1379, 0.2049,
0.1170

■ 9.2069, 0.1893,
0.0944

■ 7.3169, 0.1762,
0.0783

■ 6.3224, 0.1671,
0.0694

Harmonies

Analogous

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



58.0438, 0.2863, 0.3003



58.0438, 0.3003, 0.3002



58.0438, 0.3180, 0.3073

Triad

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



58.0438, 0.3003, 0.3002



58.0438, 0.3472, 0.3490



58.0438, 0.2909, 0.3381

Complementary

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



58.0438, 0.3003, 0.3002



70.7039, 0.3243, 0.3571

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.



58.0438, 0.3068, 0.3522



58.0438, 0.3003, 0.3002



58.0438, 0.3394, 0.3582

Square

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



58.0438, 0.3003, 0.3002



58.0438, 0.3455, 0.3349



58.0438, 0.3245, 0.3597



58.0438, 0.2810, 0.3216

Rectangle

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



58.0438, 0.3003, 0.3002



58.0438, 0.3295, 0.3152



58.0438, 0.3245, 0.3597



58.0438, 0.2957, 0.3433

Sweetspot

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



58.0463, 0.3003, 0.3002



94.1899, 0.3096, 0.3216



65.9082, 0.2954, 0.3213



19.8362, 0.3087, 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.



58.0463, 0.3003, 0.3002



74.7625, 0.2968, 0.2924



59.8237, 0.3095, 0.3010



13.4300, 0.3024, 0.3051



3.8042, 0.1684, 0.0701



0.3081, 0.1847, 0.0791

Inverse Universe

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



60.3578, 0.3192, 0.3091



78.6666, 0.3210, 0.3039



68.9402, 0.3155, 0.3579



13.8661, 0.3181, 0.3123



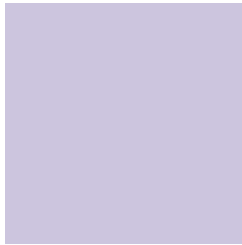
10.7359, 0.4078, 0.2020



0.7593, 0.3913, 0.1929

Previews

White Background



This preview shows how the Yxy color 58.0438, 0.3003, 0.3002 looks on a white background.

Color Contrast Check

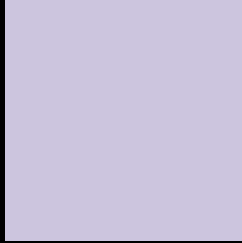
Large Text (above 18pt) WCAG AA × Fail

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 58.0438, 0.3003, 0.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

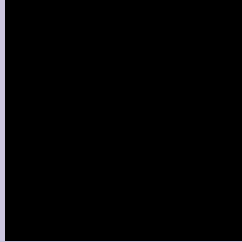
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

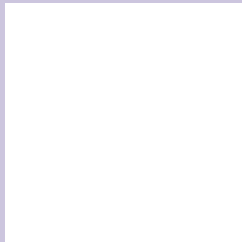
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0438, 0.3003, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 58.0438, 0.3003, 0.3002.



This preview shows how white text looks on a background with the Yxy color 58.0438, 0.3003, 0.3002.

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

58.0438, 0.3003, 0.3002

Protanopia

58.0449, 0.2944, 0.3010

Deuteranopia

58.0058, 0.3048, 0.2983



Tritanopia

57.9397, 0.3051, 0.3103

Trichromacy



Original Color

58.0438, 0.3003, 0.3002

Protanomaly

57.9952, 0.2966, 0.3000

Deuteranomaly

58.1637, 0.3033, 0.2993

Tritanomaly

58.0944, 0.3030, 0.3069

Monochromacy



Original Color

58.0438, 0.3003, 0.3002

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6085, 0.3086, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0438, 0.3003, 0.3002 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(204, 197, 222)` looks like.

```
.text, #text, p{  
    color:rgb(204, 197, 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(204, 197, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 197, 222) }
```

Border

The CSS property to change the border of an element to Yxy 58.0438, 0.3003, 0.3002 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(204, 197, 222) }
```

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

```
.border{ border-color:rgb(204, 197, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 197, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 197, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 197, 222);  
box-shadow:4px 4px 4px 4px rgb(204, 197,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0438, 0.3003, 0.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 197, 222) }
```

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

```
.background{ background-color: rgb(204,  
197, 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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