

Converting Colors

Yxy(59.8521, 0.3008, 0.3137)

Have a look what the booklet for
Yxy(59.8521, 0.3008, 0.3137)
contains.

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Color

Yxy(59.8119, 0.3006, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	C7CBD8
RGB	199, 203, 216
RGB Percent	78%, 80%, 85%
CMY	0.2198, 0.2039, 0.1529
CMYK	0.08, 0.06, 0.00, 0.15
HSL	226°, 18%, 81%
HSV	226°, 8%, 85%
XYZ	57.2959, 59.8119, 73.4974
YIQ	203.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

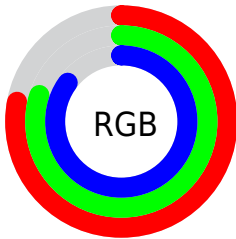
Format	Color
R_{YB}	199, 202, 216
Decimal	13093848
CIE Lab	81.74, 1.10, -6.93
CIE LCh	82, 7.019, 279.017
Yxy	59.8119, 0.3006, 0.3138
Android (android.graphics.Color)	4291283928 (0xFFC7CBD8)
YUV	203.2860, 6.2680, -3.7588
Hunter-Lab	77.3382, -3.1002, -2.2088

Details

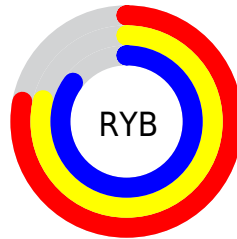
The Yxy color **59.8119, 0.3006, 0.3138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7845, 0.3248, 0.3438**, and the grayscale version is **59.8709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.0878, 0.2977, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **49.7009, 0.2840, 0.2923**, and if you desaturate by 10%, it is **71.1726, 0.3158, 0.3328**.

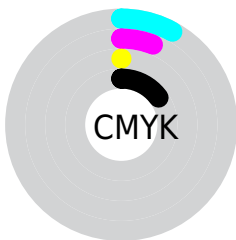
Distribution



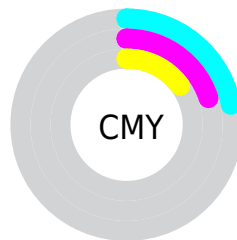
- Red (78%)
- Green (80%)
- Blue (85%)



- Red (78%)
- Yellow (79%)
- Blue (85%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8119, 0.3006, 0.3138 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 59.8119, 0.3006, 0.3138 by changing the saturation by 10% instead.

■ 59.8119, 0.3006,
0.3138

■ 59.8119, 0.3006,
0.3138

423.9041, 0.3064,
0.3211

■ 43.2670, 0.2992,
0.3121

104.5568, 0.3027,
0.3164

■ 30.0947, 0.2975,
0.3099

133.5255, 0.3034,
0.3174

■ 19.9105, 0.2953,
0.3072

167.4044, 0.3041,
0.3182

■ 12.3300, 0.2922,
0.3034

206.5778, 0.3047,
0.3189

■ 6.9688, 0.2880,
0.2982

251.4301, 0.3052,
0.3196

■ 3.4426, 0.2815,
0.2903

302.3456, 0.3057,

■ 1.3669, 0.2705,

0.3201

0.2769

359.7088, 0.3061,
0.3206

0.1922, 0.1912,
0.1754

0.0000, 0.0000,
0.0000

59.8119, 0.3006,
0.3138

59.8119, 0.3006,
0.3138

49.7009, 0.2840,
0.2923

71.1726, 0.3158,
0.3328

40.7889, 0.2662,
0.2684

83.8164, 0.3296,
0.3495

33.0325, 0.2475,
0.2423

96.0856, 0.3361,
0.3646

26.3830, 0.2285,
0.2143

97.7384, 0.3357,
0.3671

■ 20.7881, 0.2098,
0.1855

■ 16.1909, 0.1926,
0.1570

■ 12.5288, 0.1777,
0.1304

■ 9.7311, 0.1662,
0.1071

■ 7.7099, 0.1583,
0.0884

Harmonies

Analogous

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



59.8119, 0.2960, 0.3170



59.8119, 0.3006, 0.3138



59.8119, 0.3085, 0.3146

Triad

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



59.8119, 0.3006, 0.3138



59.8119, 0.3300, 0.3341



59.8119, 0.3076, 0.3393

Complementary

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



59.8119, 0.3006, 0.3138



65.7845, 0.3248, 0.3438

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.



59.8119, 0.3167, 0.3440



59.8119, 0.3006, 0.3138



59.8119, 0.3298, 0.3408

Square

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



59.8119, 0.3006, 0.3138



59.8119, 0.3256, 0.3262



59.8119, 0.3249, 0.3445



59.8119, 0.3000, 0.3317

Rectangle

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



59.8119, 0.3006, 0.3138



59.8119, 0.3146, 0.3172



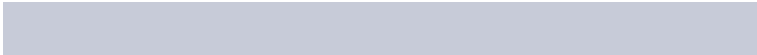
59.8119, 0.3249, 0.3445



59.8119, 0.3106, 0.3412

Sweetspot

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



59.8144, 0.3006, 0.3138



96.5913, 0.3097, 0.3253



65.9943, 0.3033, 0.3339



20.7103, 0.3099, 0.3254



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.



59.8144, 0.3006, 0.3138



85.2506, 0.2987, 0.3114



58.5127, 0.3038, 0.3092



12.4839, 0.2982, 0.3107



4.4981, 0.1576, 0.0873



0.4010, 0.1669, 0.1207

Inverse Universe

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



59.7400, 0.3232, 0.3244



85.1459, 0.3249, 0.3237



67.1984, 0.3212, 0.3484



12.4688, 0.3254, 0.3235



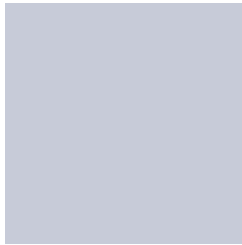
8.7989, 0.5953, 0.3053



0.5438, 0.5457, 0.2780

Previews

White Background



This preview shows how the Yxy color 59.8119, 0.3006, 0.3138 looks on a white background.

Color Contrast Check

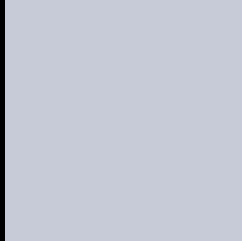
Large Text (above 18pt) WCAG AA × Fail

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 59.8119, 0.3006, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

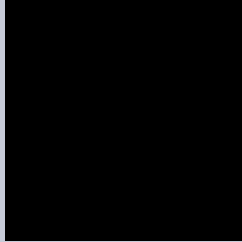
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

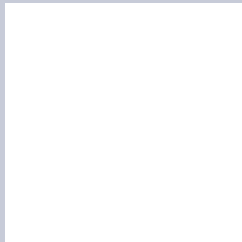
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8119, 0.3006, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 59.8119, 0.3006, 0.3138.

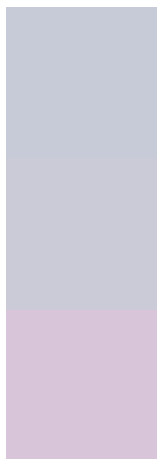


This preview shows how white text looks on a background with the Yxy color 59.8119, 0.3006, 0.3138.

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

59.8119, 0.3006, 0.3138

Protanopia

59.8439, 0.3043, 0.3139

Deuteranopia

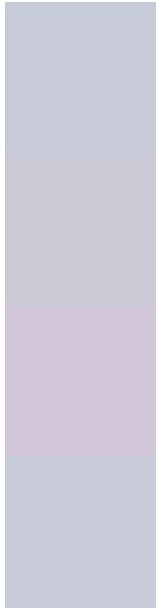
59.5412, 0.3130, 0.3065



Tritanopia

59.9685, 0.2986, 0.3104

Trichromacy



Original Color

59.8119, 0.3006, 0.3138

Protanomaly

59.7039, 0.3036, 0.3139

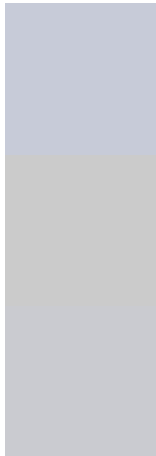
Deuteranomaly

59.5582, 0.3083, 0.3085

Tritanomaly

59.9159, 0.2993, 0.3115

Monochromacy



Original Color

59.8119, 0.3006, 0.3138

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.8225, 0.3084, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8119, 0.3006, 0.3138 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(199, 203, 216)` looks like.

```
.text, #text, p{  
    color:rgb(199, 203, 216)  
}
```

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(199, 203, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 203, 216) }
```

Border

The CSS property to change the border of an element to Yxy 59.8119, 0.3006, 0.3138 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(199, 203, 216) }
```

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

```
.border{ border-color:rgb(199, 203, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 203, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 203, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 203, 216);  
box-shadow:4px 4px 4px 4px rgb(199, 203,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8119, 0.3006, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 203, 216) }
```

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

```
.background{ background-color: rgb(199,  
203, 216) }
```

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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