

Converting Colors

Yxy(51.8796, 0.3007, 0.3117)

Have a look what the booklet for
Yxy(51.8796, 0.3007, 0.3117)
contains.

Yxy(51.8779, 0.3007, 0.3117)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.8779, 0.3007, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	BCBECC
RGB	188, 190, 204
RGB Percent	74%, 75%, 80%
CMY	0.2629, 0.2549, 0.1999
CMYK	0.08, 0.07, 0.00, 0.20
HSL	232°, 14%, 77%
HSV	232°, 8%, 80%
XYZ	50.0471, 51.8779, 64.5103
YIQ	190.9980, -5.6860, 3.9300

Conversions

Conversions Part 2

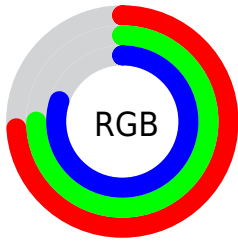
Format	Color
R _Y B	188, 190, 204
Decimal	12369612
CIE Lab	77.21, 2.00, -7.28
CIE LCh	77, 7.544, 285.345
Yxy	51.8779, 0.3007, 0.3117
Android (android.graphics.Color)	4290559692 (0xFFBCBECC)
YUV	190.9980, 6.4100, -2.6292
Hunter-Lab	72.0263, -2.0163, -2.6846

Details

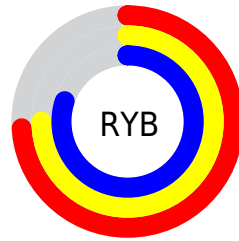
The Yxy color **51.8779, 0.3007, 0.3117** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6970, 0.3245, 0.3457**, and the grayscale version is **52.0629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3646, 0.3062, 0.3202**, and **25.2442, 0.2976, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **42.2217, 0.2839, 0.2871**, and if you desaturate by 10%, it is **62.8470, 0.3158, 0.3334**.

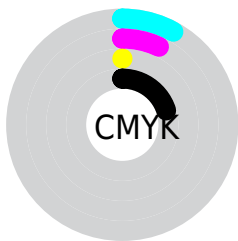
Distribution



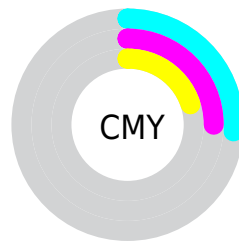
- Red (74%)
- Green (75%)
- Blue (80%)



- Red (74%)
- Yellow (75%)
- Blue (80%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (26%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8779, 0.3007, 0.3117 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 51.8779, 0.3007, 0.3117 by changing the saturation by 10% instead.

■ 51.8779, 0.3007,
0.3117

■ 51.8779, 0.3007,
0.3117

■ 393.9651, 0.3066,
0.3202

■ 36.9078, 0.2993,
0.3096

■ 92.9511, 0.3028,
0.3147

■ 25.1361, 0.2974,
0.3071

■ 119.8230, 0.3036,
0.3159

■ 16.1785, 0.2950,
0.3036

■ 151.4310, 0.3043,
0.3169

■ 9.6505, 0.2917,
0.2990

■ 188.1593, 0.3049,
0.3177

■ 5.1679, 0.2868,
0.2923

■ 230.3925, 0.3054,
0.3184

■ 2.3461, 0.2791,
0.2817

■ 278.5150, 0.3059,

■ 0.7979, 0.2651,

0.3191

0.2621

332.9110, 0.3063,
0.3196

0.0000, 0.0000,
0.0000

51.8779, 0.3007,
0.3117

51.8779, 0.3007,
0.3117

42.2217, 0.2839,
0.2871

62.8470, 0.3158,
0.3334

33.8228, 0.2655,
0.2597

75.1689, 0.3292,
0.3523

26.6311, 0.2459,
0.2298

88.8899, 0.3410,
0.3687

20.5908, 0.2257,
0.1981

97.1403, 0.3430,
0.3790

15.6415, 0.2059,
0.1661

■ 11.7175, 0.1876,
0.1355

■ 8.7456, 0.1722,
0.1083

■ 6.6428, 0.1607,
0.0866

■ 5.3051, 0.1537,
0.0714

Harmonies

Analogous

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



51.8779, 0.2946, 0.3144



51.8779, 0.3007, 0.3117



51.8779, 0.3101, 0.3136

Triad

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



51.8779, 0.3007, 0.3117



51.8779, 0.3326, 0.3365



51.8779, 0.3049, 0.3390

Complementary

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



51.8779, 0.3007, 0.3117



58.6970, 0.3245, 0.3457

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.



51.8779, 0.3151, 0.3451



51.8779, 0.3007, 0.3117



51.8779, 0.3312, 0.3435

Square

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



51.8779, 0.3007, 0.3117



51.8779, 0.3287, 0.3277



51.8779, 0.3247, 0.3468



51.8779, 0.2970, 0.3301

Rectangle

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



51.8779, 0.3007, 0.3117



51.8779, 0.3170, 0.3171



51.8779, 0.3247, 0.3468



51.8779, 0.3082, 0.3414

Sweetspot

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



51.8801, 0.3007, 0.3117



96.2384, 0.3097, 0.3247



58.1383, 0.3021, 0.3316



20.6384, 0.3099, 0.3249



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.



51.8801, 0.3007, 0.3117



83.7839, 0.2987, 0.3088



51.7641, 0.3054, 0.3094



11.0702, 0.2982, 0.3081



3.2837, 0.1529, 0.0704



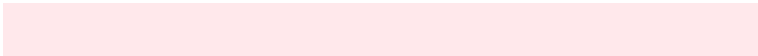
0.2472, 0.1604, 0.0975

Inverse Universe

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



52.5115, 0.3245, 0.3266



84.9978, 0.3266, 0.3262



58.8455, 0.3197, 0.3484



11.2365, 0.3270, 0.3261



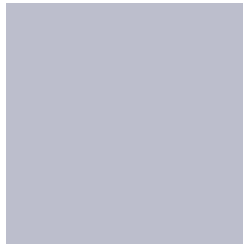
8.1345, 0.6226, 0.3203



0.4275, 0.5796, 0.2967

Previews

White Background



This preview shows how the Yxy color 51.8779, 0.3007, 0.3117 looks on a white background.

Color Contrast Check

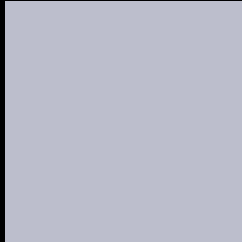
Large Text (above 18pt) WCAG AA × Fail

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 51.8779, 0.3007, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

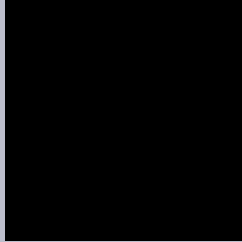
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

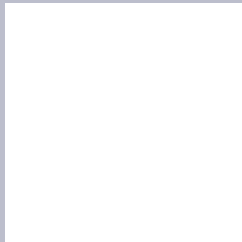
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8779, 0.3007, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 51.8779, 0.3007, 0.3117.

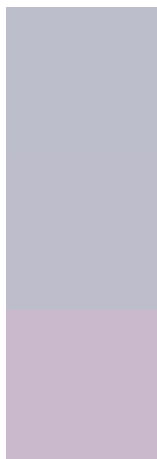


This preview shows how white text looks on a background with the Yxy color 51.8779, 0.3007, 0.3117.

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

51.8779, 0.3007, 0.3117

Protanopia

51.7020, 0.3023, 0.3105

Deuteranopia

51.6623, 0.3114, 0.3051



Tritanopia

51.9261, 0.3000, 0.3105

Trichromacy



Original Color

51.8779, 0.3007, 0.3117

Protanomaly

51.5736, 0.3015, 0.3105

Deuteranomaly

51.8187, 0.3072, 0.3072

Tritanomaly

51.9261, 0.3000, 0.3105

Monochromacy



Original Color

51.8779, 0.3007, 0.3117

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1943, 0.3082, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8779, 0.3007, 0.3117 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(188, 190, 204)` looks like.

```
.text, #text, p{  
    color:rgb(188, 190, 204)  
}
```

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(188, 190, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 190, 204) }
```

Border

The CSS property to change the border of an element to Yxy 51.8779, 0.3007, 0.3117 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(188, 190, 204) }
```

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

```
.border{ border-color:rgb(188, 190, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 190, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 190, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 190, 204);  
box-shadow:4px 4px 4px 4px rgb(188, 190,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8779, 0.3007, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 190, 204) }
```

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

```
.background{ background-color: rgb(188,  
190, 204) }
```

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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