

Converting Colors

$Y_{xy}(59.3313, 0.3015, 0.3314)$

Have a look what the booklet for
Yxy(59.3313, 0.3015, 0.3314)
contains.

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Color

Yxy(59.3211, 0.3014, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	BDCECC
RGB	189, 206, 204
RGB Percent	74%, 81%, 80%
CMY	0.2589, 0.1921, 0.2000
CMYK	0.08, 0.00, 0.01, 0.19
HSL	173°, 15%, 77%
HSV	173°, 8%, 81%
XYZ	53.9511, 59.3211, 65.7294
YIQ	200.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

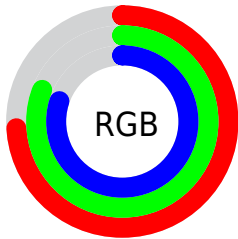
Format	Color
RYB	189, 198, 206
Decimal	12439244
CIELab	81.47, -6.13, -0.98
CIELCh	81, 6.207, 189.101
Yxy	59.3211, 0.3014, 0.3314
Android (android.graphics.Color)	4290629324 (0xFFBDCECC)
YUV	200.6890, 1.6323, -10.2513
Hunter-Lab	77.0202, -9.7498, 3.3158

Details

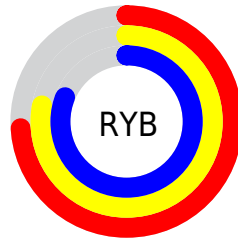
The Yxy color **59.3211, 0.3014, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2690, 0.3253, 0.3266**, and the grayscale version is **58.1989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **29.8927, 0.2988, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **56.7578, 0.2883, 0.3346**, and if you desaturate by 10%, it is **62.2655, 0.3151, 0.3285**.

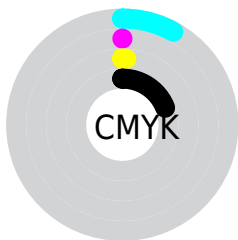
Distribution



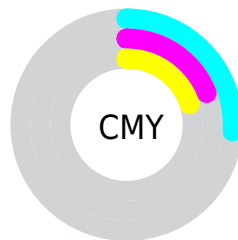
- Red (74%)
- Green (81%)
- Blue (80%)



- Red (74%)
- Yellow (78%)
- Blue (81%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (26%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3211, 0.3014, 0.3314 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 59.3211, 0.3014, 0.3314 by changing the saturation by 10% instead.

■ 59.3211, 0.3014,
0.3314

■ 59.3211, 0.3014,
0.3314

422.0908, 0.3068,
0.3303

■ 42.8717, 0.3001,
0.3317

■ 103.8442, 0.3033,
0.3310

■ 29.7844, 0.2985,
0.3320

132.6867, 0.3041,
0.3309

■ 19.6750, 0.2964,
0.3324

166.4289, 0.3047,
0.3307

■ 12.1590, 0.2936,
0.3330

205.4553, 0.3052,
0.3306

■ 6.8521, 0.2896,
0.3338

250.1503, 0.3057,
0.3305

■ 3.3698, 0.2835,
0.3349

300.8983, 0.3061,

■ 1.3277, 0.2730,

0.3304

358.0837, 0.3065,
0.3303

0.3369

0.1625, 0.0117,
0.3936

0.0000, 0.0000,
0.0000

59.3211, 0.3014,
0.3314

59.3211, 0.3014,
0.3314

56.7578, 0.2883,
0.3346

62.2655, 0.3151,
0.3285

54.5522, 0.2761,
0.3380

65.5981, 0.3292,
0.3259

52.6902, 0.2651,
0.3416

69.3356, 0.3434,
0.3236

51.1536, 0.2556,
0.3455

70.2511, 0.3448,
0.3212


 49.9224, 0.2478,
0.3495

 70.3765, 0.3430,
0.3187


 48.9748, 0.2419,
0.3536

 70.5037, 0.3412,
0.3163


 48.2857, 0.2379,
0.3577

 70.6329, 0.3393,
0.3138

 47.8258, 0.2357,
0.3618

 70.7639, 0.3375,
0.3114

 47.5508, 0.2352,
0.3659

 70.8968, 0.3357,
0.3090

Harmonies

Analogous

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



59.3211, 0.3082, 0.3381



59.3211, 0.3014, 0.3314



59.3211, 0.2976, 0.3242

Triad

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



59.3211, 0.3014, 0.3314



59.3211, 0.3090, 0.3162



59.3211, 0.3278, 0.3395

Complementary

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



59.3211, 0.3014, 0.3314



53.2690, 0.3253, 0.3266

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.



59.3211, 0.3281, 0.3336



59.3211, 0.3014, 0.3314



59.3211, 0.3171, 0.3202

Square

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



59.3211, 0.3014, 0.3314



59.3211, 0.3020, 0.3155



59.3211, 0.3241, 0.3265



59.3211, 0.3235, 0.3427

Rectangle

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



59.3211, 0.3014, 0.3314



59.3211, 0.2973, 0.3200



59.3211, 0.3241, 0.3265



59.3211, 0.3284, 0.3377

Sweetspot

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



59.3236, 0.3014, 0.3314



99.0067, 0.3099, 0.3296



58.9300, 0.3135, 0.3498



21.2019, 0.3101, 0.3295



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.



59.3236, 0.3014, 0.3314



95.2874, 0.2989, 0.3320



56.4723, 0.3000, 0.3214



12.7033, 0.2999, 0.3317



29.2608, 0.2350, 0.3660



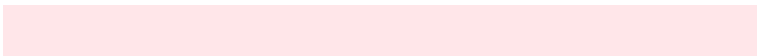
1.5162, 0.2328, 0.3580

Inverse Universe

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



53.2690, 0.3253, 0.3266



83.4315, 0.3284, 0.3261



55.9263, 0.3261, 0.3365



11.2349, 0.3272, 0.3263



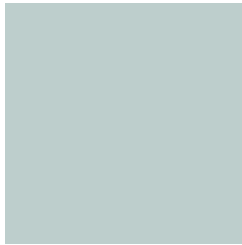
8.1292, 0.6242, 0.3212



0.4268, 0.5833, 0.2987

Previews

White Background



This preview shows how the Yxy color 59.3211, 0.3014, 0.3314 looks on a white background.

Color Contrast Check

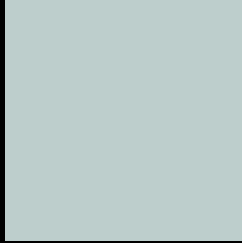
Large Text (above 18pt) WCAG AA × Fail

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 59.3211, 0.3014, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

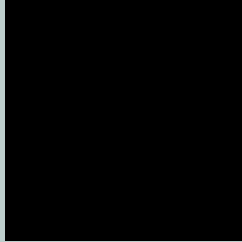
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

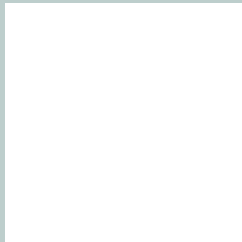
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3211, 0.3014, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 59.3211, 0.3014, 0.3314.



This preview shows how white text looks on a background with the Yxy color 59.3211, 0.3014, 0.3314.

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

59.3211, 0.3014, 0.3314

Protanopia

59.1121, 0.3166, 0.3290

Deuteranopia

59.1517, 0.3244, 0.3177



Tritanopia

59.5595, 0.2929, 0.3101

Trichromacy



Original Color

59.3211, 0.3014, 0.3314

Protanomaly

59.2555, 0.3111, 0.3302

Deuteranomaly

59.2716, 0.3161, 0.3232

Tritanomaly

59.5940, 0.2962, 0.3183

Monochromacy



Original Color

59.3211, 0.3014, 0.3314

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8465, 0.3088, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3211, 0.3014, 0.3314 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(189, 206, 204)` looks like.

```
.text, #text, p{  
    color:rgb(189, 206, 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(189, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 206, 204) }
```

Border

The CSS property to change the border of an element to Yxy 59.3211, 0.3014, 0.3314 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(189, 206, 204) }
```

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

```
.border{ border-color:rgb(189, 206, 204) }
```

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

Here you see how a box with a 4 pixel rgb(189, 206, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(189, 206,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3211, 0.3014, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 206, 204) }
```

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

```
.background{ background-color: rgb(189,  
206, 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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