

Converting Colors

Yxy(59.4494, 0.3053, 0.3356)

Have a look what the booklet for
Yxy(59.4494, 0.3053, 0.3356)
contains.

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Color

Yxy(59.4360, 0.3049, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	BFCEC9
RGB	191, 206, 201
RGB Percent	75%, 81%, 79%
CMY	0.2511, 0.1921, 0.2117
CMYK	0.07, 0.00, 0.02, 0.19
HSL	160°, 13%, 78%
HSV	160°, 7%, 81%
XYZ	54.0956, 59.4360, 63.8893
YIQ	200.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

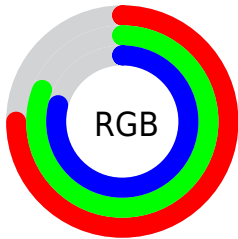
Format	Color
RYB	191, 200, 206
Decimal	12570313
CIELab	81.53, -6.03, 0.72
CIELCh	82, 6.073, 173.202
Yxy	59.4360, 0.3049, 0.3350
Android (android.graphics.Color)	4290760393 (0xFFBFCEC9)
YUV	200.9450, 0.0271, -8.7218
Hunter-Lab	77.0947, -9.6664, 4.8320

Details

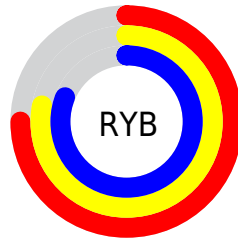
The Yxy color **59.4360, 0.3049, 0.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3565, 0.3212, 0.3231**, and the grayscale version is **58.3752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **29.9663, 0.3034, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **56.6384, 0.2945, 0.3440**, and if you desaturate by 10%, it is **62.6287, 0.3156, 0.3269**.

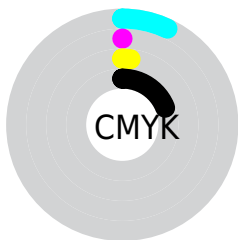
Distribution



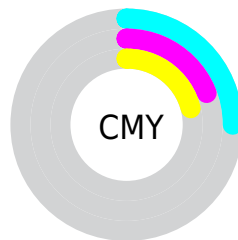
- Red (75%)
- Green (81%)
- Blue (79%)



- Red (75%)
- Yellow (78%)
- Blue (81%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (25%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4360, 0.3049, 0.3350 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 59.4360, 0.3049, 0.3350 by changing the saturation by 10% instead.

■ 59.4360, 0.3049,
0.3350

■ 59.4360, 0.3049,
0.3350

422.5158, 0.3087,
0.3321

■ 42.9642, 0.3040,
0.3357

■ 104.0111, 0.3062,
0.3340

■ 29.8570, 0.3029,
0.3366

132.8831, 0.3067,
0.3336

■ 19.7301, 0.3014,
0.3377

166.6574, 0.3072,
0.3333

■ 12.1990, 0.2994,
0.3392

205.7183, 0.3076,
0.3330

■ 6.8794, 0.2966,
0.3414

250.4502, 0.3079,
0.3327

■ 3.3868, 0.2923,
0.3447

301.2374, 0.3082,

■ 1.3368, 0.2849,

0.3325

0.3505

358.4645, 0.3084,
0.3323

0.1695, 0.0436,
0.5336

0.0000, 0.0000,
0.0000

59.4360, 0.3049,
0.3350

59.4360, 0.3049,
0.3350

56.6384, 0.2945,
0.3440

62.6287, 0.3156,
0.3269

54.2124, 0.2847,
0.3539

66.2237, 0.3265,
0.3197

52.1438, 0.2758,
0.3646

70.2376, 0.3373,
0.3133

50.4144, 0.2681,
0.3761

71.0305, 0.3339,
0.3066

■ 49.0042, 0.2618,
0.3882

■ 71.4189, 0.3289,
0.2999

■ 47.8914, 0.2573,
0.4007

■ 71.8224, 0.3240,
0.2933

■ 47.0511, 0.2548,
0.4135

■ 72.2414, 0.3192,
0.2868

■ 46.4542, 0.2543,
0.4262

■ 72.6280, 0.3150,
0.2811

■ 46.0612, 0.2557,
0.4388

Harmonies

Analogous

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



59.4360, 0.3125, 0.3404



59.4360, 0.3049, 0.3350



59.4360, 0.2995, 0.3280

Triad

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



59.4360, 0.3049, 0.3350



59.4360, 0.3052, 0.3157



59.4360, 0.3281, 0.3364

Complementary

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



59.4360, 0.3049, 0.3350



54.3565, 0.3212, 0.3231

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.



59.4360, 0.3262, 0.3298



59.4360, 0.3049, 0.3350



59.4360, 0.3128, 0.3180

Square

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



59.4360, 0.3049, 0.3350



59.4360, 0.2996, 0.3169



59.4360, 0.3205, 0.3231



59.4360, 0.3259, 0.3412

Rectangle

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



59.4360, 0.3049, 0.3350



59.4360, 0.2978, 0.3234



59.4360, 0.3205, 0.3231



59.4360, 0.3279, 0.3344

Sweetspot

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



59.4385, 0.3049, 0.3350



98.9369, 0.3105, 0.3306



59.6420, 0.3157, 0.3471



21.1877, 0.3106, 0.3305



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.



59.4385, 0.3049, 0.3350



95.4230, 0.3030, 0.3366



58.4800, 0.3015, 0.3260



12.6612, 0.3027, 0.3368



28.3230, 0.2556, 0.4403



1.4748, 0.2488, 0.4158

Inverse Universe

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



54.3565, 0.3212, 0.3231



85.2731, 0.3235, 0.3216



55.2354, 0.3248, 0.3320



11.2741, 0.3239, 0.3213



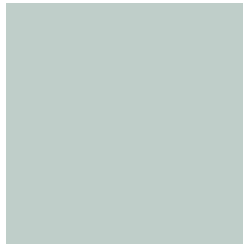
8.3562, 0.5625, 0.2873



0.4451, 0.5069, 0.2566

Previews

White Background



This preview shows how the Yxy color 59.4360, 0.3049, 0.3350 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 59.4360, 0.3049, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

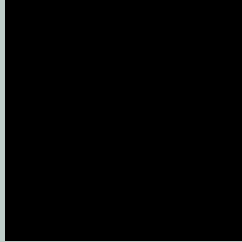
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

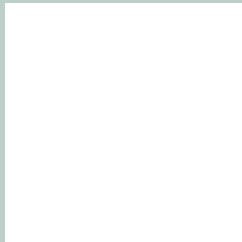
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4360, 0.3049, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 59.4360, 0.3049, 0.3350.



This preview shows how white text looks on a background with the Yxy color 59.4360, 0.3049, 0.3350.

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

59.4360, 0.3049, 0.3350

Protanopia

59.1159, 0.3196, 0.3325

Deuteranopia

59.1638, 0.3275, 0.3211



Tritanopia

59.2957, 0.2950, 0.3102

Trichromacy



Original Color

59.4360, 0.3049, 0.3350

Protanomaly

59.2529, 0.3140, 0.3338

Deuteranomaly

59.2745, 0.3191, 0.3267

Tritanomaly

59.2767, 0.2989, 0.3195

Monochromacy



Original Color

59.4360, 0.3049, 0.3350

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7992, 0.3095, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4360, 0.3049, 0.3350 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(191, 206, 201)` looks like.

```
.text, #text, p{  
    color:rgb(191, 206, 201)  
}
```

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(191, 206, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 206, 201) }
```

Border

The CSS property to change the border of an element to Yxy 59.4360, 0.3049, 0.3350 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(191, 206, 201) }
```

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

```
.border{ border-color:rgb(191, 206, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 206, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 206, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 206, 201);  
box-shadow:4px 4px 4px 4px rgb(191, 206,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4360, 0.3049, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 206, 201) }
```

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

```
.background{ background-color: rgb(191,  
206, 201) }
```

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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