

Converting Colors

Yxy(59.0080, 0.3173, 0.3398)

Have a look what the booklet for
Yxy(59.0080, 0.3173, 0.3398)
contains.

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Color

Yxy(59.0244, 0.3176, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	C9CBC2
RGB	201, 203, 194
RGB Percent	79%, 80%, 76%
CMY	0.2120, 0.2038, 0.2393
CMYK	0.01, 0.00, 0.04, 0.20
HSL	74°, 8%, 78%
HSV	74°, 4%, 80%
XYZ	55.1682, 59.0244, 59.5108
YIQ	201.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

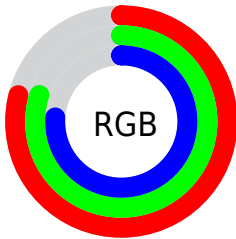
Format	Color
RYB	194, 203, 196
Decimal	13224898
CIELab	81.31, -2.34, 4.25
CIELCh	81, 4.847, 118.835
Yxy	59.0244, 0.3176, 0.3398
Android (android.graphics.Color)	4291414978 (0xFFC9CBC2)
YUV	201.3760, -3.6364, -0.3298
Hunter-Lab	76.8273, -6.2705, 7.8529

Details

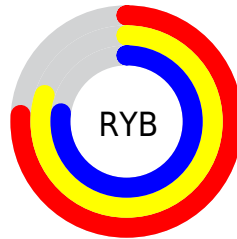
The Yxy color **59.0244, 0.3176, 0.3398** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6300, 0.3077, 0.3181**, and the grayscale version is **58.6725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **29.5914, 0.3193, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **57.5406, 0.3287, 0.3651**, and if you desaturate by 10%, it is **60.6575, 0.3067, 0.3160**.

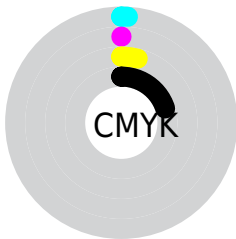
Distribution



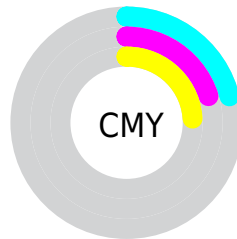
- Red (79%)
- Green (80%)
- Blue (76%)



- Red (76%)
- Yellow (80%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0244, 0.3176, 0.3398 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 59.0244, 0.3176, 0.3398 by changing the saturation by 10% instead.

■ 59.0244, 0.3176,
0.3398

■ 59.0244, 0.3176,
0.3398

420.9923, 0.3153,
0.3346

■ 42.6328, 0.3182,
0.3410

■ 103.4131, 0.3168,
0.3379

■ 29.5971, 0.3188,
0.3426

132.1790, 0.3165,
0.3372

■ 19.5330, 0.3197,
0.3447

165.8384, 0.3162,
0.3366

■ 12.0560, 0.3209,
0.3474

204.7758, 0.3160,
0.3361

■ 6.7818, 0.3227,
0.3514

249.3754, 0.3158,
0.3357

■ 3.3260, 0.3252,
0.3576

300.0218, 0.3156,

■ 1.3042, 0.3296,

0.3353

0.3683

357.0993, 0.3154,
0.3349

0.1445, 0.3571,
0.6429

0.0000, 0.0000,
0.0000

59.0244, 0.3176,
0.3398

59.0244, 0.3176,
0.3398

57.5406, 0.3287,
0.3651

60.6575, 0.3067,
0.3160

56.1932, 0.3398,
0.3914

62.4372, 0.2964,
0.2940

54.9793, 0.3506,
0.4182

64.3707, 0.2866,
0.2737

53.8930, 0.3604,
0.4445

65.0931, 0.2898,
0.2741

■ 52.9277, 0.3688,
0.4693

■ 65.8284, 0.2930,
0.2747

■ 52.0765, 0.3753,
0.4915

■ 66.5840, 0.2963,
0.2752

■ 51.3313, 0.3795,
0.5100

■ 67.3602, 0.2996,
0.2757

■ 50.6829, 0.3811,
0.5240

■ 68.1572, 0.3029,
0.2762

■ 50.1204, 0.3802,
0.5334

■ 68.9750, 0.3063,
0.2768

Harmonies

Analogous

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



59.0244, 0.3226, 0.3392



59.0244, 0.3176, 0.3398



59.0244, 0.3113, 0.3375

Triad

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



59.0244, 0.3176, 0.3398



59.0244, 0.3006, 0.3220



59.0244, 0.3200, 0.3253

Complementary

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



59.0244, 0.3176, 0.3398



54.6300, 0.3077, 0.3181

Split Complementary

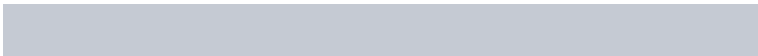
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.0244, 0.3140, 0.3208



59.0244, 0.3176, 0.3398



59.0244, 0.3029, 0.3189

Square

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



59.0244, 0.3176, 0.3398



59.0244, 0.3016, 0.3271



59.0244, 0.3078, 0.3185



59.0244, 0.3240, 0.3307

Rectangle

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



59.0244, 0.3176, 0.3398



59.0244, 0.3073, 0.3345



59.0244, 0.3078, 0.3185



59.0244, 0.3181, 0.3236

Sweetspot

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



59.0270, 0.3176, 0.3398



99.7260, 0.3138, 0.3314



56.0458, 0.3198, 0.3314



21.3484, 0.3138, 0.3313



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.



59.0270, 0.3176, 0.3398



98.6552, 0.3183, 0.3413



58.4252, 0.3142, 0.3399



13.0885, 0.3189, 0.3427



31.7489, 0.3796, 0.5368



1.6704, 0.3877, 0.5303

Inverse Universe

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



54.6300, 0.3077, 0.3181



90.3173, 0.3070, 0.3165



55.2299, 0.3112, 0.3182



11.8602, 0.3063, 0.3151



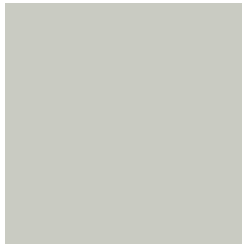
3.1567, 0.1631, 0.0672



0.1982, 0.1833, 0.0783

Previews

White Background



This preview shows how the Yxy color 59.0244, 0.3176, 0.3398 looks on a white background.

Color Contrast Check

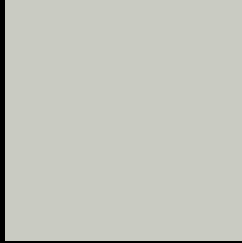
Large Text (above 18pt) WCAG AA × Fail

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 59.0244, 0.3176, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

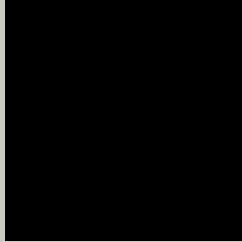
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

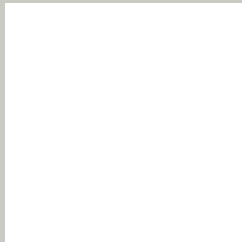
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0244, 0.3176, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 59.0244, 0.3176, 0.3398.



This preview shows how white text looks on a background with the Yxy color 59.0244, 0.3176, 0.3398.

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

59.0244, 0.3176, 0.3398

Protanopia

59.0334, 0.3241, 0.3384

Deuteranopia

58.8630, 0.3355, 0.3279



Tritanopia

59.1038, 0.3044, 0.3105

Trichromacy



Original Color

59.0244, 0.3176, 0.3398

Protanomaly

59.0705, 0.3216, 0.3397

Deuteranomaly

58.9272, 0.3293, 0.3325

Tritanomaly

59.0239, 0.3093, 0.3208

Monochromacy



Original Color

59.0244, 0.3176, 0.3398

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7358, 0.3148, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0244, 0.3176, 0.3398 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(201, 203, 194)` looks like.

```
.text, #text, p{  
    color:rgb(201, 203, 194)  
}
```

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(201, 203, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 203, 194) }
```

Border

The CSS property to change the border of an element to Yxy 59.0244, 0.3176, 0.3398 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(201, 203, 194) }
```

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

```
.border{ border-color:rgb(201, 203, 194) }
```

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

Here you see how a box with a 4 pixel rgb(201, 203, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 203, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 203, 194);  
box-shadow:4px 4px 4px 4px rgb(201, 203,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0244, 0.3176, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 203, 194) }
```

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

```
.background{ background-color: rgb(201,  
203, 194) }
```

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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