

Converting Colors

$Y_{xy}(59.0056, 0.3110, 0.3378)$

Have a look what the booklet for
Yxy(59.0056, 0.3110, 0.3378)
contains.

Yxy(58.8191, 0.3108, 0.3374)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.8191, 0.3108, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	C3CCC5
RGB	195, 204, 197
RGB Percent	76%, 80%, 77%
CMY	0.2352, 0.2000, 0.2274
CMYK	0.04, 0.00, 0.03, 0.20
HSL	133°, 8%, 78%
HSV	133°, 4%, 80%
XYZ	54.1819, 58.8191, 61.3295
YIQ	200.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

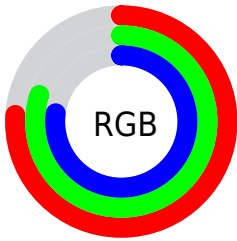
Format	Color
R _Y B	195, 202, 204
Decimal	12831941
CIE Lab	81.19, -4.35, 2.40
CIE LCh	81, 4.970, 151.101
Yxy	58.8191, 0.3108, 0.3374
Android (android.graphics.Color)	4291022021 (0xFFC3CCC5)
YUV	200.5110, -1.7309, -4.8331
Hunter-Lab	76.6936, -8.1085, 6.2732

Details

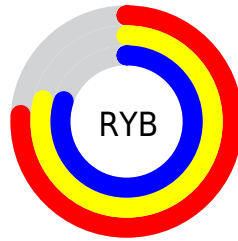
The Yxy color **58.8191, 0.3108, 0.3374** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1416, 0.3147, 0.3207**, and the grayscale version is **58.1065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3712, 0.3114, 0.3300**, and **29.4586, 0.3102, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **55.5972, 0.3064, 0.3583**, and if you desaturate by 10%, it is **62.4939, 0.3151, 0.3190**.

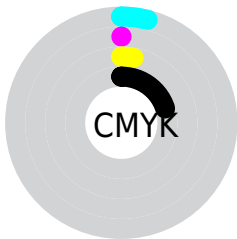
Distribution



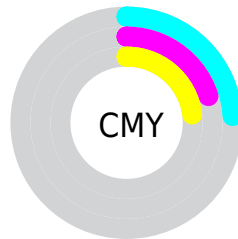
- Red (76%)
- Green (80%)
- Blue (77%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8191, 0.3108, 0.3374 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 58.8191, 0.3108, 0.3374 by changing the saturation by 10% instead.

■ 58.8191, 0.3108,
0.3374

■ 58.8191, 0.3108,
0.3374

420.2312, 0.3117,
0.3333

■ 42.4675, 0.3106,
0.3384

■ 103.1147, 0.3111,
0.3360

■ 29.4675, 0.3103,
0.3396

131.8275, 0.3113,
0.3354

■ 19.4348, 0.3099,
0.3412

165.4295, 0.3114,
0.3349

■ 11.9849, 0.3094,
0.3434

204.3051, 0.3115,
0.3345

■ 6.7334, 0.3087,
0.3465

248.8387, 0.3115,
0.3342

■ 3.2959, 0.3075,
0.3513

299.4146, 0.3116,

■ 1.2881, 0.3054,

0.3339

0.3599

356.4173, 0.3117,
0.3336

0.1320, 0.1271,
0.8729

0.0000, 0.0000,
0.0000

58.8191, 0.3108,
0.3374

58.8191, 0.3108,
0.3374

55.5972, 0.3064,
0.3583

62.4939, 0.3151,
0.3190

52.8033, 0.3021,
0.3818

66.6303, 0.3193,
0.3029

50.4215, 0.2980,
0.4077

71.0141, 0.3223,
0.2888

48.4319, 0.2944,
0.4357

71.6646, 0.3151,
0.2792

■ 46.8132, 0.2916,
0.4649

■ 45.5419, 0.2898,
0.4942

■ 44.5915, 0.2892,
0.5222

■ 43.9319, 0.2901,
0.5472

■ 43.5269, 0.2923,
0.5677

Harmonies

Analogous

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



58.8191, 0.3173, 0.3400



58.8191, 0.3108, 0.3374



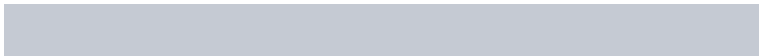
58.8191, 0.3049, 0.3325

Triad

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



58.8191, 0.3108, 0.3374



58.8191, 0.3029, 0.3185



58.8191, 0.3245, 0.3312

Complementary

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



58.8191, 0.3108, 0.3374



56.1416, 0.3147, 0.3207

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.



58.8191, 0.3206, 0.3256



58.8191, 0.3108, 0.3374



58.8191, 0.3081, 0.3183

Square

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



58.8191, 0.3108, 0.3374



58.8191, 0.3004, 0.3215



58.8191, 0.3146, 0.3209



58.8191, 0.3252, 0.3363

Rectangle

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



58.8191, 0.3108, 0.3374



58.8191, 0.3021, 0.3286



58.8191, 0.3146, 0.3209



58.8191, 0.3235, 0.3293

Sweetspot

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



58.8216, 0.3108, 0.3374



99.3925, 0.3123, 0.3309



59.6897, 0.3176, 0.3397



21.2805, 0.3123, 0.3308



0.0000, 0.0000, 0.0000



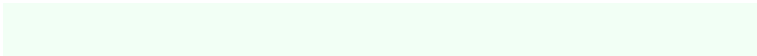
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.8216, 0.3108, 0.3374



97.0391, 0.3105, 0.3387



59.0281, 0.3077, 0.3320



12.8506, 0.3103, 0.3399



27.3141, 0.2930, 0.5749



1.4209, 0.2824, 0.5367

Inverse Universe

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



56.1416, 0.3147, 0.3207



91.9521, 0.3150, 0.3195



55.9343, 0.3180, 0.3260



12.1012, 0.3153, 0.3184



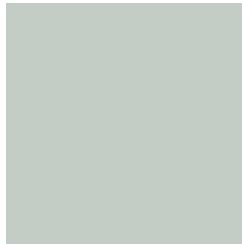
9.6632, 0.3859, 0.1900



0.5093, 0.3708, 0.1816

Previews

White Background



This preview shows how the Yxy color 58.8191, 0.3108, 0.3374 looks on a white background.

Color Contrast Check

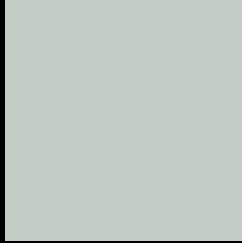
Large Text (above 18pt) WCAG AA × Fail

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 58.8191, 0.3108, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

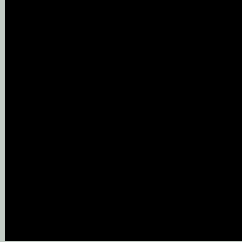
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

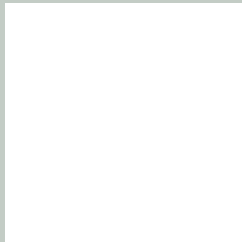
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8191, 0.3108, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 58.8191, 0.3108, 0.3374.



This preview shows how white text looks on a background with the Yxy color 58.8191, 0.3108, 0.3374.

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

58.8191, 0.3108, 0.3374

Protanopia

58.9788, 0.3218, 0.3361

Deuteranopia

58.6833, 0.3315, 0.3245



Tritanopia

58.7888, 0.2992, 0.3102

Trichromacy



Original Color

58.8191, 0.3108, 0.3374

Protanomaly

58.9231, 0.3178, 0.3361

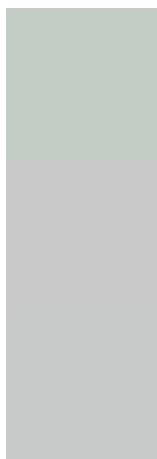
Deuteranomaly

58.4624, 0.3238, 0.3290

Tritanomaly

58.7645, 0.3033, 0.3195

Monochromacy



Original Color

58.8191, 0.3108, 0.3374

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5533, 0.3118, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8191, 0.3108, 0.3374 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(195, 204, 197)` looks like.

```
.text, #text, p{  
    color:rgb(195, 204, 197)  
}
```

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(195, 204, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 204, 197) }
```

Border

The CSS property to change the border of an element to Yxy 58.8191, 0.3108, 0.3374 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(195, 204, 197) }
```

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

```
.border{ border-color:rgb(195, 204, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 204, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 204, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 204, 197);  
box-shadow:4px 4px 4px 4px rgb(195, 204,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8191, 0.3108, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 204, 197) }
```

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

```
.background{ background-color: rgb(195,  
204, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor