

Converting Colors

Yxy(57.8112, 0.3107, 0.3219)

Have a look what the booklet for
Yxy(57.8112, 0.3107, 0.3219)
contains.

Yxy(57.8112, 0.3107, 0.3219)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.8112, 0.3107, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	CAC7CD
RGB	202, 199, 205
RGB Percent	79%, 78%, 80%
CMY	0.2079, 0.2196, 0.1960
CMYK	0.01, 0.03, 0.00, 0.20
HSL	270°, 6%, 79%
HSV	270°, 3%, 80%
XYZ	55.7998, 57.8112, 65.9827
YIQ	200.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

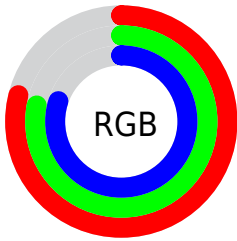
Format	Color
R _Y B	202, 199, 205
Decimal	13289421
CIE Lab	80.63, 2.14, -2.64
CIE LCh	81, 3.397, 309.084
Yxy	57.8112, 0.3107, 0.3219
Android (android.graphics.Color)	4291479501 (0xFFCAC7CD)
YUV	200.5810, 2.1786, 1.2445
Hunter-Lab	76.0337, -2.0610, 1.7712

Details

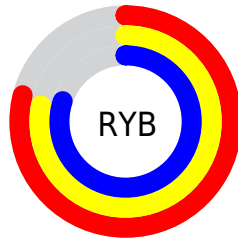
The Yxy color **57.8112, 0.3107, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3526, 0.3147, 0.3361**, and the grayscale version is **58.1235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.7811, 0.3100, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **47.6168, 0.3030, 0.2963**, and if you desaturate by 10%, it is **69.3774, 0.3172, 0.3453**.

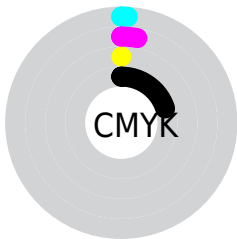
Distribution



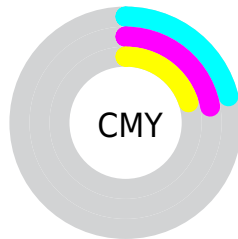
- Red (79%)
- Green (78%)
- Blue (80%)



- Red (79%)
- Yellow (78%)
- Blue (80%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8112, 0.3107, 0.3219 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 57.8112, 0.3107, 0.3219 by changing the saturation by 10% instead.

■ 57.8112, 0.3107,
0.3219

■ 57.8112, 0.3107,
0.3219

416.4821, 0.3117,
0.3253

■ 41.6569, 0.3105,
0.3211

101.6479, 0.3111,
0.3231

■ 28.8327, 0.3102,
0.3201

130.0990, 0.3112,
0.3236

■ 18.9543, 0.3098,
0.3187

163.4179, 0.3113,
0.3240

■ 11.6373, 0.3092,
0.3169

201.9889, 0.3114,
0.3243

■ 6.4972, 0.3085,
0.3144

246.1964, 0.3115,
0.3246

■ 3.1497, 0.3073,
0.3105

296.4249, 0.3116,

■ 1.2104, 0.3052,

0.3249

0.3038

353.0586, 0.3116,
0.3251

0.0702, 0.2644,
0.1560

0.0000, 0.0000,
0.0000

57.8112, 0.3107,
0.3219

57.8112, 0.3107,
0.3219

47.6168, 0.3030,
0.2963

69.3774, 0.3172,
0.3453

38.7344, 0.2941,
0.2687

82.3575, 0.3226,
0.3665

31.1109, 0.2839,
0.2397

93.2349, 0.3278,
0.3804

24.6863, 0.2725,
0.2100

95.0186, 0.3346,
0.3793

■ 19.3960, 0.2601,
0.1807

■ 96.9051, 0.3414,
0.3782

■ 15.1687, 0.2469,
0.1532

■ 97.1884, 0.3424,
0.3780

■ 11.9250, 0.2336,
0.1290

■ 9.5736, 0.2207,
0.1094

■ 8.0052, 0.2088,
0.0954

Harmonies

Analogous

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



57.8112, 0.3068, 0.3215



57.8112, 0.3107, 0.3219



57.8112, 0.3152, 0.3241

Triad

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



57.8112, 0.3107, 0.3219



57.8112, 0.3210, 0.3348



57.8112, 0.3065, 0.3304

Complementary

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



57.8112, 0.3107, 0.3219



60.3526, 0.3147, 0.3361

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.



57.8112, 0.3102, 0.3340



57.8112, 0.3107, 0.3219



57.8112, 0.3187, 0.3366

Square

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



57.8112, 0.3107, 0.3219



57.8112, 0.3212, 0.3316



57.8112, 0.3147, 0.3363



57.8112, 0.3044, 0.3264

Rectangle

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



57.8112, 0.3107, 0.3219



57.8112, 0.3179, 0.3264



57.8112, 0.3147, 0.3363



57.8112, 0.3076, 0.3317

Sweetspot

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



57.8137, 0.3107, 0.3219



98.1416, 0.3120, 0.3266



58.8438, 0.3083, 0.3255



21.0259, 0.3121, 0.3267



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.



57.8137, 0.3107, 0.3219



92.7047, 0.3099, 0.3191



58.2246, 0.3130, 0.3220



12.1676, 0.3094, 0.3175



4.5588, 0.2026, 0.0890



0.2803, 0.2242, 0.1008

Inverse Universe

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



58.0959, 0.3152, 0.3255



93.3413, 0.3162, 0.3241



59.9493, 0.3125, 0.3361



12.2654, 0.3168, 0.3233



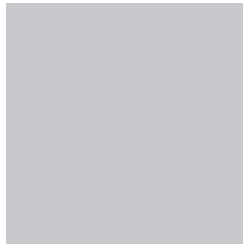
8.7089, 0.4932, 0.2491



0.4646, 0.4506, 0.2256

Previews

White Background



This preview shows how the Yxy color 57.8112, 0.3107, 0.3219 looks on a white background.

Color Contrast Check

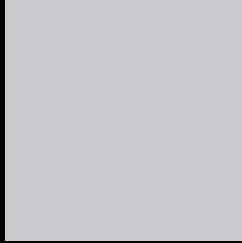
Large Text (above 18pt) WCAG AA × Fail

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 57.8112, 0.3107, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

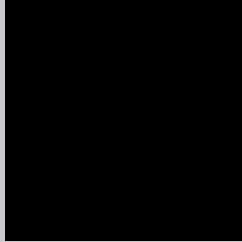
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

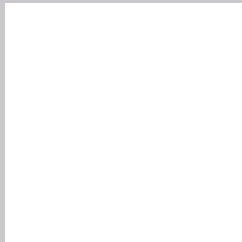
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8112, 0.3107, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 57.8112, 0.3107, 0.3219.

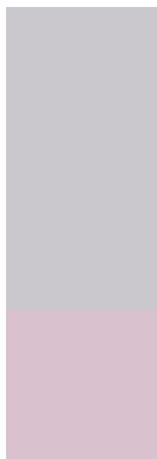


This preview shows how white text looks on a background with the Yxy color 57.8112, 0.3107, 0.3219.

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

57.8112, 0.3107, 0.3219

Protanopia

57.8112, 0.3107, 0.3219

Deuteranopia

57.7915, 0.3222, 0.3153



Tritanopia

57.8888, 0.3058, 0.3115

Trichromacy



Original Color

57.8112, 0.3107, 0.3219

Protanomaly

57.8112, 0.3107, 0.3219

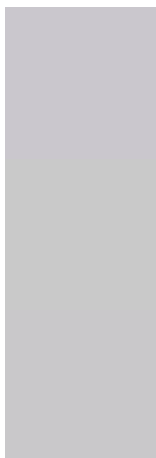
Deuteranomaly

57.9331, 0.3180, 0.3175

Tritanomaly

57.7378, 0.3079, 0.3149

Monochromacy



Original Color

57.8112, 0.3107, 0.3219

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9903, 0.3121, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8112, 0.3107, 0.3219 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(202, 199, 205)` looks like.

```
.text, #text, p{  
    color:rgb(202, 199, 205)  
}
```

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(202, 199, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 199, 205) }
```

Border

The CSS property to change the border of an element to Yxy 57.8112, 0.3107, 0.3219 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(202, 199, 205) }
```

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

```
.border{ border-color:rgb(202, 199, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 199, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 199, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 199, 205);  
box-shadow:4px 4px 4px 4px rgb(202, 199,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8112, 0.3107, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 199, 205) }
```

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

```
.background{ background-color: rgb(202,  
199, 205) }
```

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