

Converting Colors

Yxy(57.4852, 0.3193, 0.3475)

Have a look what the booklet for
Yxy(57.4852, 0.3193, 0.3475)
contains.

Yxy(57.5647, 0.3189, 0.3473)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.5647, 0.3189, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	C4CABB
RGB	196, 202, 187
RGB Percent	77%, 79%, 73%
CMY	0.2313, 0.2078, 0.2667
CMYK	0.03, 0.00, 0.07, 0.21
HSL	84°, 12%, 76%
HSV	84°, 7%, 79%
XYZ	52.8574, 57.5647, 55.3271
YIQ	198.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

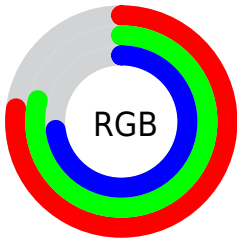
Format	Color
RYB	187, 202, 193
Decimal	12896955
CIELab	80.50, -4.76, 6.78
CIELCh	80, 8.280, 125.071
Yxy	57.5647, 0.3189, 0.3473
Android (android.graphics.Color)	4291087035 (0xFFC4CABB)
YUV	198.4960, -5.6675, -2.1890
Hunter-Lab	75.8714, -8.4191, 9.8744

Details

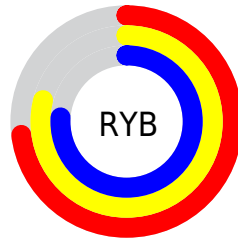
The Yxy color $57.5647, 0.3189, 0.3473$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.1287, 0.3062, 0.3106$, and the grayscale version is $56.8266, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.8737, 0.3184, 0.3406$, and $28.6518, 0.3200, 0.3519$ is the 20% darker color. If you saturate the color by 10%, you get $55.7124, 0.3272, 0.3735$, and if you desaturate by 10%, it is $59.6014, 0.3106, 0.3229$.

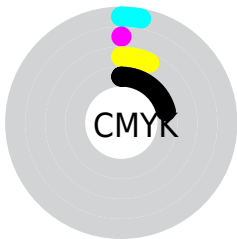
Distribution



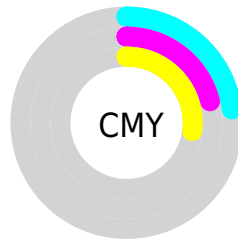
- Red (77%)
- Green (79%)
- Blue (73%)



- Red (73%)
- Yellow (79%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5647, 0.3189, 0.3473 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 57.5647, 0.3189, 0.3473 by changing the saturation by 10% instead.

■ 57.5647, 0.3189,
0.3473

■ 57.5647, 0.3189,
0.3473

415.5620, 0.3160,
0.3384

■ 41.4588, 0.3196,
0.3495

■ 101.2887, 0.3179,
0.3441

■ 28.6778, 0.3205,
0.3522

129.6756, 0.3175,
0.3429

■ 18.8372, 0.3216,
0.3558

162.9249, 0.3171,
0.3419

■ 11.5527, 0.3231,
0.3606

201.4210, 0.3168,
0.3410

■ 6.4399, 0.3252,
0.3677

245.5484, 0.3166,
0.3402

■ 3.1144, 0.3283,
0.3787

295.6914, 0.3163,

■ 1.1917, 0.3345,

0.3395

0.3999

352.2345, 0.3161,
0.3389

0.0549, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.5647, 0.3189,
0.3473

57.5647, 0.3189,
0.3473

55.7124, 0.3272,
0.3735

59.6014, 0.3106,
0.3229

54.0312, 0.3354,
0.4012


61.8208, 0.3026,
0.3006

52.5172, 0.3429,
0.4297

64.2306, 0.2949,
0.2804

51.1636, 0.3493,
0.4581


65.9853, 0.2958,
0.2740


 49.9631, 0.3543,
0.4853


 67.3324, 0.3015,
0.2750

 48.9077, 0.3572,
0.5098


 68.7416, 0.3073,
0.2759

 47.9884, 0.3579,
0.5305

 70.2135, 0.3132,
0.2769

 47.1948, 0.3562,
0.5463

 70.7214, 0.3151,
0.2772

 46.5127, 0.3522,
0.5570

Harmonies

Analogous

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



57.5647, 0.3283, 0.3472



57.5647, 0.3189, 0.3473



57.5647, 0.3080, 0.3423

Triad

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



57.5647, 0.3189, 0.3473



57.5647, 0.2924, 0.3155



57.5647, 0.3270, 0.3244

Complementary

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



57.5647, 0.3189, 0.3473



51.1287, 0.3062, 0.3106

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.



57.5647, 0.3172, 0.3163



57.5647, 0.3189, 0.3473



57.5647, 0.2973, 0.3111

Square

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



57.5647, 0.3189, 0.3473



57.5647, 0.2928, 0.3237



57.5647, 0.3063, 0.3114



57.5647, 0.3330, 0.3338

Rectangle

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



57.5647, 0.3189, 0.3473



57.5647, 0.3014, 0.3367



57.5647, 0.3063, 0.3114



57.5647, 0.3241, 0.3214

Sweetspot

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



57.5672, 0.3189, 0.3473



99.2929, 0.3144, 0.3339



54.1680, 0.3247, 0.3360



21.2602, 0.3143, 0.3336



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.



57.5672, 0.3189, 0.3473



96.9175, 0.3203, 0.3516



56.6131, 0.3132, 0.3476



12.8653, 0.3205, 0.3523



29.8783, 0.3520, 0.5587



1.5847, 0.3651, 0.5483

Inverse Universe

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



51.1287, 0.3062, 0.3106



83.6947, 0.3046, 0.3062



52.1102, 0.3121, 0.3109



11.0582, 0.3043, 0.3055



3.9013, 0.1849, 0.0792



0.2450, 0.2075, 0.0917

Previews

White Background



This preview shows how the Yxy color 57.5647, 0.3189, 0.3473 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 57.5647, 0.3189, 0.3473 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

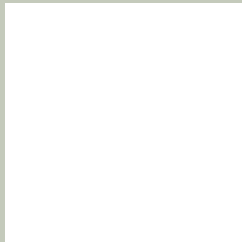
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5647, 0.3189, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 57.5647, 0.3189, 0.3473.



This preview shows how white text looks on a background with the Yxy color 57.5647, 0.3189, 0.3473.

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

57.5647, 0.3189, 0.3473

Protanopia

57.6150, 0.3295, 0.3457

Deuteranopia

57.5020, 0.3405, 0.3337



Tritanopia

57.5226, 0.3028, 0.3102

Trichromacy



Original Color

57.5647, 0.3189, 0.3473

Protanomaly

57.5502, 0.3254, 0.3458

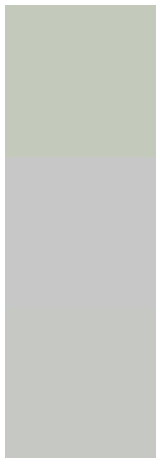
Deuteranomaly

57.2568, 0.3325, 0.3384

Tritanomaly

57.3486, 0.3091, 0.3230

Monochromacy



Original Color

57.5647, 0.3189, 0.3473

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2545, 0.3148, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5647, 0.3189, 0.3473 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(196, 202, 187)` looks like.

```
.text, #text, p{  
    color:rgb(196, 202, 187)  
}
```

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(196, 202, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 187) }
```

Border

The CSS property to change the border of an element to Yxy 57.5647, 0.3189, 0.3473 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(196, 202, 187) }
```

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

```
.border{ border-color:rgb(196, 202, 187) }
```

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

Here you see how a box with a 4 pixel rgb(196, 202, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 202, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 202, 187);  
box-shadow:4px 4px 4px 4px rgb(196, 202,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5647, 0.3189, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 187) }
```

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

```
.background{ background-color: rgb(196,  
202, 187) }
```

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