

Converting Colors

Yxy(58.0314, 0.3066, 0.3259)

Have a look what the booklet for
Yxy(58.0314, 0.3066, 0.3259)
contains.

Yxy(57.8687, 0.3067, 0.3254)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.8687, 0.3067, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	C4C9CC
RGB	196, 201, 204
RGB Percent	77%, 79%, 80%
CMY	0.2315, 0.2117, 0.2000
CMYK	0.04, 0.01, 0.00, 0.20
HSL	202°, 7%, 78%
HSV	202°, 4%, 80%
XYZ	54.5431, 57.8687, 65.4268
YIQ	199.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

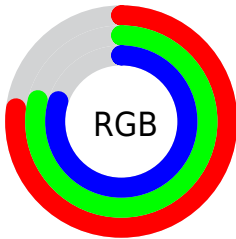
Format	Color
R _Y B	196, 199, 204
Decimal	12896716
CIE Lab	80.67, -1.16, -2.10
CIE LCh	81, 2.405, 241.076
Yxy	57.8687, 0.3067, 0.3254
Android (android.graphics.Color)	4291086796 (0xFFC4C9CC)
YUV	199.8470, 2.0474, -3.3738
Hunter-Lab	76.0715, -5.1409, 2.2564

Details

The Yxy color **57.8687, 0.3067, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6468, 0.3189, 0.3326**, and the grayscale version is **57.6468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **28.8202, 0.3048, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **51.8699, 0.2913, 0.3156**, and if you desaturate by 10%, it is **64.4190, 0.3218, 0.3342**.

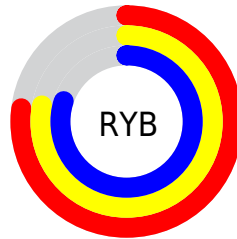
Distribution



Red (77%)

Green (79%)

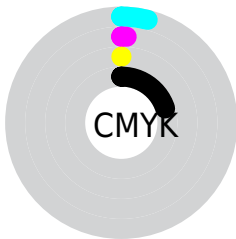
Blue (80%)



Red (77%)

Yellow (78%)

Blue (80%)

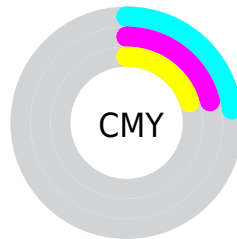


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (20%)



Cyan (23%)

Magenta (21%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8687, 0.3067, 0.3254 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 57.8687, 0.3067, 0.3254 by changing the saturation by 10% instead.

■ 57.8687, 0.3067,
0.3254

■ 57.8687, 0.3067,
0.3254

416.6965, 0.3096,
0.3272

■ 41.7031, 0.3060,
0.3250

101.7316, 0.3077,
0.3260

■ 28.8689, 0.3051,
0.3244

130.1978, 0.3081,
0.3263

■ 18.9817, 0.3040,
0.3238

163.5328, 0.3085,
0.3265

■ 11.6570, 0.3025,
0.3228

202.1213, 0.3088,
0.3266

■ 6.5106, 0.3003,
0.3215

246.3475, 0.3090,
0.3268

■ 3.1580, 0.2969,
0.3194

296.5958, 0.3092,

■ 1.2147, 0.2911,

0.3269

0.3157

353.2507, 0.3094,
0.3270

0.0737, 0.1215,
0.2150

0.0000, 0.0000,
0.0000

57.8687, 0.3067,
0.3254

57.8687, 0.3067,
0.3254

51.8699, 0.2913,
0.3156

64.4190, 0.3218,
0.3342

46.3978, 0.2757,
0.3048

71.5299, 0.3364,
0.3421

41.4365, 0.2603,
0.2929

78.8074, 0.3488,
0.3491

36.9661, 0.2455,
0.2802

82.9700, 0.3473,
0.3566

■ 32.9654, 0.2316,
0.2668

■ 87.3166, 0.3459,
0.3639

■ 29.4113, 0.2191,
0.2527

■ 91.8496, 0.3445,
0.3712

■ 26.2778, 0.2082,
0.2384

■ 96.5712, 0.3431,
0.3782

■ 23.5356, 0.1994,
0.2240

■ 97.1401, 0.3430,
0.3790

■ 21.1496, 0.1927,
0.2099

Harmonies

Analogous

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



57.8687, 0.3071, 0.3279



57.8687, 0.3067, 0.3254



57.8687, 0.3080, 0.3239

Triad

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



57.8687, 0.3067, 0.3254



57.8687, 0.3165, 0.3273



57.8687, 0.3149, 0.3343

Complementary

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



57.8687, 0.3067, 0.3254



57.6468, 0.3189, 0.3326

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.



57.8687, 0.3175, 0.3342



57.8687, 0.3067, 0.3254



57.8687, 0.3184, 0.3301

Square

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



57.8687, 0.3067, 0.3254



57.8687, 0.3136, 0.3250



57.8687, 0.3188, 0.3326



57.8687, 0.3118, 0.3331

Rectangle

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



57.8687, 0.3067, 0.3254



57.8687, 0.3095, 0.3236



57.8687, 0.3188, 0.3326



57.8687, 0.3159, 0.3344

Sweetspot

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



57.8712, 0.3067, 0.3254



98.9162, 0.3112, 0.3281



59.0397, 0.3102, 0.3351



21.1836, 0.3113, 0.3281



0.0000, 0.0000, 0.0000



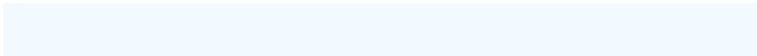
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8712, 0.3067, 0.3254



94.6745, 0.3050, 0.3244



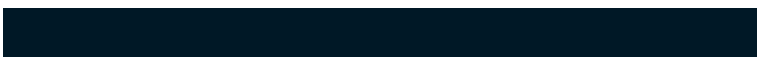
56.0372, 0.3068, 0.3206



12.5012, 0.3041, 0.3238



12.6710, 0.1899, 0.2035



0.7961, 0.1974, 0.2308

Inverse Universe

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



56.5176, 0.3154, 0.3230



91.8316, 0.3162, 0.3213



59.5040, 0.3186, 0.3373



12.0834, 0.3166, 0.3204



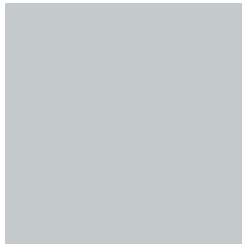
9.0821, 0.4414, 0.2205



0.4829, 0.4119, 0.2042

Previews

White Background



This preview shows how the Yxy color 57.8687, 0.3067, 0.3254 looks on a white background.

Color Contrast Check

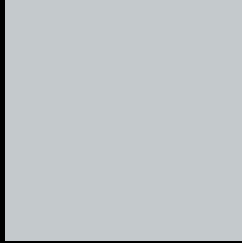
Large Text (above 18pt) WCAG AA × Fail

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 57.8687, 0.3067, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

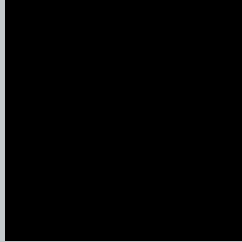
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

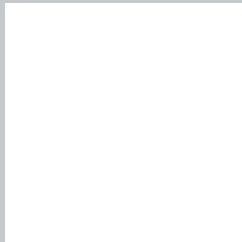
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8687, 0.3067, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 57.8687, 0.3067, 0.3254.

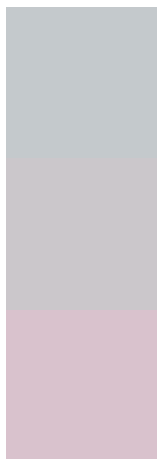


This preview shows how white text looks on a background with the Yxy color 57.8687, 0.3067, 0.3254.

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

57.8687, 0.3067, 0.3254

Protanopia

57.8552, 0.3129, 0.3243

Deuteranopia

57.7431, 0.3229, 0.3165



Tritanopia

57.7589, 0.3006, 0.3102

Trichromacy



Original Color

57.8687, 0.3067, 0.3254

Protanomaly

57.8997, 0.3106, 0.3254

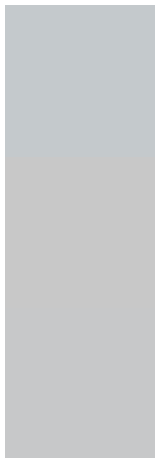
Deuteranomaly

57.8956, 0.3163, 0.3197

Tritanomaly

57.8820, 0.3026, 0.3160

Monochromacy



Original Color

57.8687, 0.3067, 0.3254

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.6677, 0.3112, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8687, 0.3067, 0.3254 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, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(196, 201, 204)  
}
```

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, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 201, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.8687, 0.3067, 0.3254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

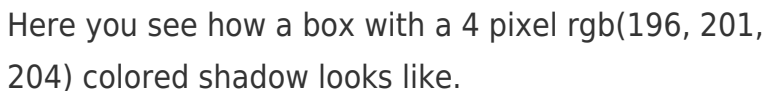
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 201, 204) }
```

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

```
.border{ border-color:rgb(196, 201, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 201, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 201, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 201, 204); box-shadow:4px 4px 4px 4px rgb(196, 201, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8687, 0.3067, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 201, 204) }
```

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

```
.background{ background-color: rgb(196,  
201, 204) }
```

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