

Converting Colors

$Yxy(57.7884, 0.2995, 0.3246)$

Have a look what the booklet for
Yxy(57.7884, 0.2995, 0.3246)
contains.

Yxy(57.9869, 0.3001, 0.3253)	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(57.9869, 0.3001, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	BDCBCE
RGB	189, 203, 206
RGB Percent	74%, 80%, 81%
CMY	0.2586, 0.2040, 0.1921
CMYK	0.08, 0.01, 0.00, 0.19
HSL	191°, 15%, 77%
HSV	191°, 8%, 81%
XYZ	53.4948, 57.9869, 66.7750
YIQ	199.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

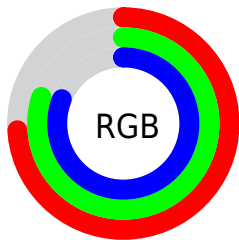
Format	Color
RYB	189, 197, 206
Decimal	12438478
CIELab	80.73, -4.13, -3.14
CIELCh	81, 5.186, 217.299
Yxy	57.9869, 0.3001, 0.3253
Android (android.graphics.Color)	4290628558 (0xFFBDCBCE)
YUV	199.1560, 3.3741, -8.9068
Hunter-Lab	76.1491, -7.8646, 1.3132

Details

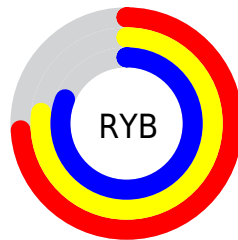
The Yxy color **57.9869, 0.3001, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5388, 0.3264, 0.3327**, and the grayscale version is **57.2040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **28.9961, 0.2970, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **53.8208, 0.2851, 0.3204**, and if you desaturate by 10%, it is **62.5734, 0.3154, 0.3298**.

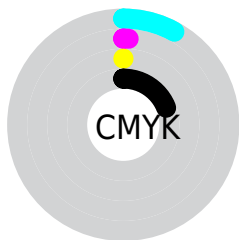
Distribution



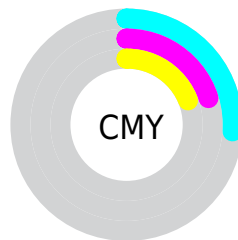
- Red (74%)
- Green (80%)
- Blue (81%)



- Red (74%)
- Yellow (77%)
- Blue (81%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (26%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9869, 0.3001, 0.3253 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 57.9869, 0.3001, 0.3253 by changing the saturation by 10% instead.

■ 57.9869, 0.3001,
0.3253

■ 57.9869, 0.3001,
0.3253

417.1371, 0.3062,
0.3271

■ 41.7981, 0.2987,
0.3249

■ 101.9038, 0.3023,
0.3260

■ 28.9432, 0.2968,
0.3243

130.4007, 0.3031,
0.3262

■ 19.0379, 0.2945,
0.3236

163.7691, 0.3038,
0.3264

■ 11.6977, 0.2913,
0.3225

202.3933, 0.3044,
0.3266

■ 6.5382, 0.2868,
0.3211

246.6579, 0.3049,
0.3268

■ 3.1750, 0.2799,
0.3188

296.9471, 0.3054,

■ 1.2238, 0.2680,

0.3269

0.3146

353.6454, 0.3058,
0.3270

0.0810, 0.0000,
0.2082

0.0000, 0.0000,
0.0000

57.9869, 0.3001,
0.3253

57.9869, 0.3001,
0.3253

53.8208, 0.2851,
0.3204

62.5734, 0.3154,
0.3298

50.0517, 0.2706,
0.3151

67.5881, 0.3308,
0.3338

46.6652, 0.2571,
0.3094

73.0476, 0.3460,
0.3374

43.6426, 0.2448,
0.3035

75.7076, 0.3485,
0.3410

■ 40.9640, 0.2340,
0.2972

■ 77.6340, 0.3478,
0.3447

■ 38.6070, 0.2249,
0.2908

■ 79.6029, 0.3471,
0.3483

■ 36.5464, 0.2178,
0.2844

■ 81.6148, 0.3465,
0.3520

■ 34.7526, 0.2125,
0.2779

■ 83.6698, 0.3458,
0.3556

■ 33.1813, 0.2090,
0.2716

■ 85.7683, 0.3451,
0.3592

Harmonies

Analogous

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



57.9869, 0.3035, 0.3314



57.9869, 0.3001, 0.3253



57.9869, 0.3001, 0.3203

Triad

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



57.9869, 0.3001, 0.3253



57.9869, 0.3160, 0.3213



57.9869, 0.3221, 0.3405

Complementary

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



57.9869, 0.3001, 0.3253



54.5388, 0.3264, 0.3327

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.



57.9869, 0.3255, 0.3376



57.9869, 0.3001, 0.3253



57.9869, 0.3220, 0.3266

Square

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



57.9869, 0.3001, 0.3253



57.9869, 0.3092, 0.3181



57.9869, 0.3255, 0.3325



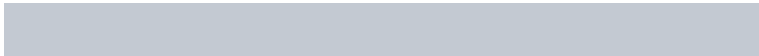
57.9869, 0.3161, 0.3402

Rectangle

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



57.9869, 0.3001, 0.3253



57.9869, 0.3019, 0.3182



57.9869, 0.3255, 0.3325



57.9869, 0.3236, 0.3398

Sweetspot

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



57.9893, 0.3001, 0.3253



98.4657, 0.3096, 0.3281



58.7775, 0.3098, 0.3463



21.0918, 0.3098, 0.3282



0.0000, 0.0000, 0.0000



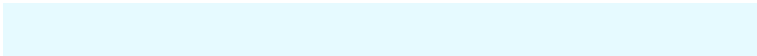
21.4041, 0.3127, 0.3290

Same Dimension

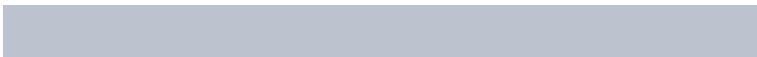
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9893, 0.3001, 0.3253



92.6087, 0.2972, 0.3244



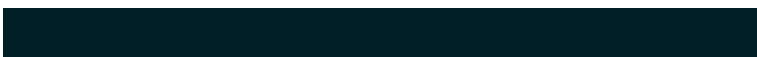
54.1845, 0.3001, 0.3152



12.3729, 0.2983, 0.3248



20.3932, 0.2087, 0.2714



1.1435, 0.2122, 0.2838

Inverse Universe

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



53.8561, 0.3160, 0.3125



84.5058, 0.3168, 0.3087



58.2781, 0.3255, 0.3425



11.3680, 0.3164, 0.3102



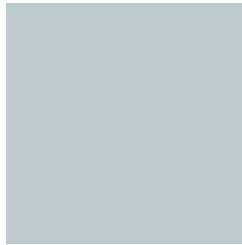
9.8617, 0.3715, 0.1820



0.5180, 0.3600, 0.1757

Previews

White Background



This preview shows how the Yxy color 57.9869, 0.3001, 0.3253 looks on a white background.

Color Contrast Check

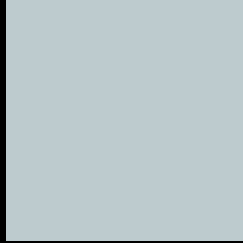
Large Text (above 18pt) WCAG AA × Fail

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 57.9869, 0.3001, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

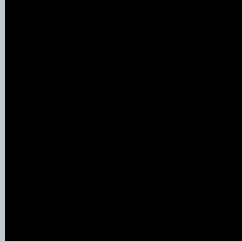
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

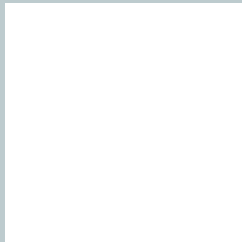
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9869, 0.3001, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 57.9869, 0.3001, 0.3253.



This preview shows how white text looks on a background with the Yxy color 57.9869, 0.3001, 0.3253.

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

57.9869, 0.3001, 0.3253

Protanopia

57.9030, 0.3122, 0.3231

Deuteranopia

57.7366, 0.3199, 0.3130



Tritanopia

57.8594, 0.2941, 0.3099

Trichromacy



Original Color

57.9869, 0.3001, 0.3253

Protanomaly

57.7221, 0.3076, 0.3230

Deuteranomaly

57.5593, 0.3125, 0.3173

Tritanomaly

57.9923, 0.2961, 0.3158

Monochromacy



Original Color

57.9869, 0.3001, 0.3253

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1749, 0.3074, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9869, 0.3001, 0.3253 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(189, 203, 206)` looks like.

```
.text, #text, p{  
    color:rgb(189, 203, 206)  
}
```

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(189, 203, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 203, 206) }
```

Border

The CSS property to change the border of an element to Yxy 57.9869, 0.3001, 0.3253 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(189, 203, 206) }
```

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

```
.border{ border-color:rgb(189, 203, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 203, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 203, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 203, 206);  
box-shadow:4px 4px 4px 4px rgb(189, 203,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9869, 0.3001, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 203, 206) }
```

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

```
.background{ background-color: rgb(189,  
203, 206) }
```

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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