

Converting Colors

$Yxy(57.3964, 0.3073, 0.3345)$

Have a look what the booklet for
Yxy(57.3964, 0.3073, 0.3345)
contains.

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Color

Yxy(57.3946, 0.3071, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	BFCAC6
RGB	191, 202, 198
RGB Percent	75%, 79%, 78%
CMY	0.2512, 0.2078, 0.2236
CMYK	0.05, 0.00, 0.02, 0.21
HSL	158°, 9%, 77%
HSV	158°, 5%, 79%
XYZ	52.7879, 57.3946, 61.7091
YIQ	198.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

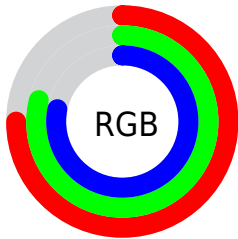
Format	Color
RYB	191, 198, 202
Decimal	12569286
CIELab	80.40, -4.53, 0.70
CIElCh	80, 4.581, 171.238
Yxy	57.3946, 0.3071, 0.3339
Android (android.graphics.Color)	4290759366 (0xFFBFCAC6)
YUV	198.2550, -0.1257, -6.3626
Hunter-Lab	75.7592, -8.2025, 4.7373

Details

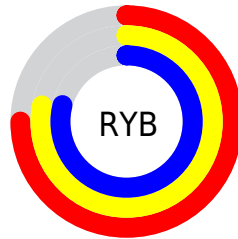
The Yxy color **57.3946, 0.3071, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7392, 0.3187, 0.3242**, and the grayscale version is **56.6344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **28.5967, 0.3063, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **54.6248, 0.2971, 0.3436**, and if you desaturate by 10%, it is **60.5471, 0.3174, 0.3252**.

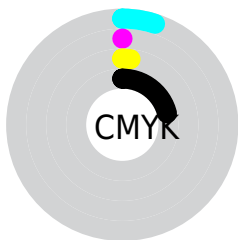
Distribution



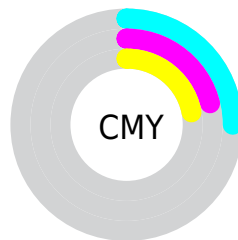
- Red (75%)
- Green (79%)
- Blue (78%)



- Red (75%)
- Yellow (78%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)




- Cyan (25%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3946, 0.3071, 0.3339 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 57.3946, 0.3071, 0.3339 by changing the saturation by 10% instead.

 57.3946, 0.3071,
0.3339

 57.3946, 0.3071,
0.3339

414.9263, 0.3098,
0.3315

 41.3221, 0.3064,
0.3345


 101.0407, 0.3081,
0.3331

 28.5709, 0.3056,
0.3352

129.3832, 0.3084,
0.3327

 18.7564, 0.3046,
0.3361


162.5844, 0.3088,
0.3325

 11.4944, 0.3031,
0.3374

201.0289, 0.3090,
0.3322

 6.4004, 0.3010,
0.3392

245.1009, 0.3093,
0.3320

 3.0901, 0.2978,
0.3421

295.1848, 0.3095,

 1.1789, 0.2921,

0.3318

0.3471

351.6652, 0.3097,
0.3317

0.0444, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.3946, 0.3071,
0.3339

57.3946, 0.3071,
0.3339

54.6248, 0.2971,
0.3436

60.5471, 0.3174,
0.3252

52.2153, 0.2876,
0.3543

64.0891, 0.3277,
0.3174

50.1528, 0.2788,
0.3660

68.0363, 0.3380,
0.3105

48.4201, 0.2712,
0.3786

69.0832, 0.3351,
0.3034

■ 46.9985, 0.2649,
0.3918

■ 69.5004, 0.3296,
0.2962

■ 45.8674, 0.2604,
0.4057

■ 69.9352, 0.3242,
0.2891

■ 45.0037, 0.2578,
0.4198

■ 70.3878, 0.3189,
0.2822

■ 44.3806, 0.2571,
0.4339

■ 70.7308, 0.3151,
0.2772

■ 43.9651, 0.2585,
0.4478

Harmonies

Analogous

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



57.3946, 0.3129, 0.3379



57.3946, 0.3071, 0.3339



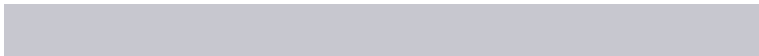
57.3946, 0.3028, 0.3286

Triad

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



57.3946, 0.3071, 0.3339



57.3946, 0.3066, 0.3188



57.3946, 0.3245, 0.3344

Complementary

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



57.3946, 0.3071, 0.3339



53.7392, 0.3187, 0.3242

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.



57.3946, 0.3228, 0.3293



57.3946, 0.3071, 0.3339



57.3946, 0.3124, 0.3204

Square

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



57.3946, 0.3071, 0.3339



57.3946, 0.3025, 0.3199



57.3946, 0.3183, 0.3242



57.3946, 0.3230, 0.3381

Rectangle

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



57.3946, 0.3071, 0.3339



57.3946, 0.3013, 0.3251



57.3946, 0.3183, 0.3242



57.3946, 0.3242, 0.3328

Sweetspot

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



57.3970, 0.3071, 0.3339



98.9262, 0.3106, 0.3308



57.6136, 0.3152, 0.3425



21.1855, 0.3107, 0.3307



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.



57.3970, 0.3071, 0.3339



96.3578, 0.3055, 0.3354



56.8965, 0.3043, 0.3272



12.7752, 0.3050, 0.3358



28.2066, 0.2589, 0.4521



1.4694, 0.2514, 0.4252

Inverse Universe

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



53.7392, 0.3187, 0.3242



88.4266, 0.3206, 0.3227



54.2057, 0.3217, 0.3308



11.6614, 0.3211, 0.3223



8.4116, 0.5498, 0.2803



0.4484, 0.4959, 0.2505

Previews

White Background



This preview shows how the Yxy color 57.3946, 0.3071, 0.3339 looks on a white background.

Color Contrast Check

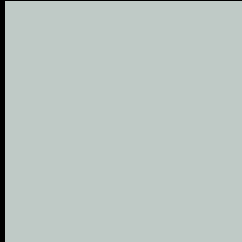
Large Text (above 18pt) WCAG AA × Fail

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 57.3946, 0.3071, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

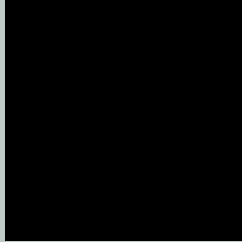
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

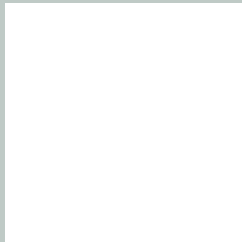
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3946, 0.3071, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 57.3946, 0.3071, 0.3339.



This preview shows how white text looks on a background with the Yxy color 57.3946, 0.3071, 0.3339.

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

57.3946, 0.3071, 0.3339

Protanopia

57.2111, 0.3189, 0.3314

Deuteranopia

57.2155, 0.3277, 0.3210



Tritanopia

57.2225, 0.2976, 0.3100

Trichromacy



Original Color

57.3946, 0.3071, 0.3339

Protanomaly

57.0202, 0.3142, 0.3314

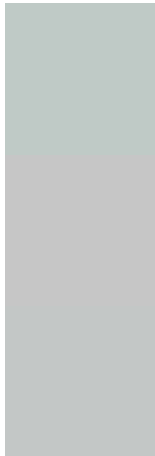
Deuteranomaly

57.0133, 0.3201, 0.3255

Tritanomaly

57.2495, 0.3010, 0.3182

Monochromacy



Original Color

57.3946, 0.3071, 0.3339

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5262, 0.3103, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3946, 0.3071, 0.3339 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(191, 202, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 202, 198)  
}
```

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(191, 202, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 202, 198) }
```

Border

The CSS property to change the border of an element to Yxy 57.3946, 0.3071, 0.3339 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(191, 202, 198) }
```

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

```
.border{ border-color:rgb(191, 202, 198) }
```

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

Here you see how a box with a 4 pixel rgb(191, 202, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 202, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 202, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 202,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3946, 0.3071, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 202, 198) }
```

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

```
.background{ background-color: rgb(191,  
202, 198) }
```

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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