

Converting Colors

$Yxy(57.7656, 0.3247, 0.3582)$

Have a look what the booklet for
Yxy(57.7656, 0.3247, 0.3582)
contains.

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Color

Yxy(57.7023, 0.3246, 0.3584)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C4CBB3 |
| RGB | 196, 203, 179 |
| RGB Percent | 77%, 80%, 70% |
| CMY | 0.2313, 0.2039, 0.2980 |
| CMYK | 0.03, 0.00, 0.12, 0.20 |
| HSL | 77°, 19%, 75% |
| HSV | 77°, 12%, 80% |
| XYZ | 52.2605, 57.7023, 51.0369 |
| YIQ | 198.1710, 3.5320, -8.9480 |

Conversions

Conversions Part 2

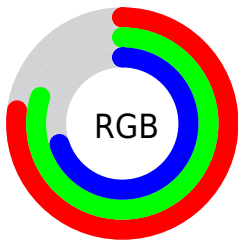
| Format | Color |
|--|---|
| RYB | 179, 203, 186 |
| Decimal | 12897203 |
| CIELab | 80.57, -6.64, 11.15 |
| CIElCh | 81, 12.975, 120.793 |
| Yxy | 57.7023, 0.3246, 0.3584 |
| Android (android.graphics.Color) | 4291087283 (0xFFC4CBB3) |
| YUV | 198.1710, -9.4513, -1.9040 |
| Hunter-Lab | 75.9620, -10.1288, 13.3380 |

Details

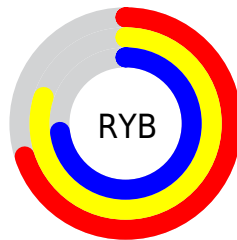
The Yxy color **57.7023, 0.3246, 0.3584** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9965, 0.2999, 0.2989**, and the grayscale version is **56.6410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4008, 0.3231, 0.3484**, and **28.7520, 0.3276, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **56.1652, 0.3347, 0.3848**, and if you desaturate by 10%, it is **59.3967, 0.3145, 0.3334**.

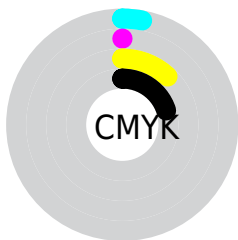
Distribution



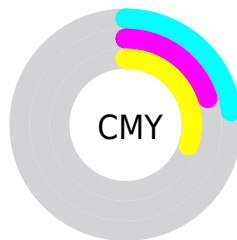
- Red (77%)
- Green (80%)
- Blue (70%)



- Red (70%)
- Yellow (80%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7023, 0.3246, 0.3584 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 57.7023, 0.3246, 0.3584 by changing the saturation by 10% instead.

■ 57.7023, 0.3246,
0.3584

■ 57.7023, 0.3246,
0.3584

416.0757, 0.3190,
0.3440

■ 41.5694, 0.3259,
0.3619

■ 101.4892, 0.3226,
0.3533

■ 28.7642, 0.3276,
0.3663

129.9120, 0.3219,
0.3513

■ 18.9025, 0.3297,
0.3721

163.2001, 0.3212,
0.3496

■ 11.5999, 0.3325,
0.3800

201.7381, 0.3206,
0.3482

■ 6.4719, 0.3363,
0.3914

245.9102, 0.3201,
0.3470

■ 3.1341, 0.3419,
0.4094

296.1010, 0.3197,

■ 1.2021, 0.3601,

0.3459

0.4532

352.6947, 0.3193,
0.3449

0.0634, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7023, 0.3246,
0.3584

57.7023, 0.3246,
0.3584

56.1652, 0.3347,
0.3848

59.3967, 0.3145,
0.3334

54.7721, 0.3445,
0.4121

61.2460, 0.3047,
0.3101

53.5196, 0.3535,
0.4394

63.2578, 0.2954,
0.2886

52.4012, 0.3612,
0.4657

65.0966, 0.2898,
0.2741

■ 51.4098, 0.3671,
0.4898

■ 66.0341, 0.2940,
0.2748

■ 50.5374, 0.3709,
0.5107

■ 67.0046, 0.2981,
0.2755

■ 49.7752, 0.3721,
0.5272

■ 68.0083, 0.3024,
0.2761

■ 49.1123, 0.3709,
0.5390

■ 69.0457, 0.3066,
0.2768

■ 48.6284, 0.3684,
0.5457

■ 70.1170, 0.3109,
0.2775

Harmonies

Analogous

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



57.7023, 0.3387, 0.3568



57.7023, 0.3246, 0.3584



57.7023, 0.3076, 0.3516

Triad

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



57.7023, 0.3246, 0.3584



57.7023, 0.2807, 0.3092



57.7023, 0.3332, 0.3197

Complementary

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



57.7023, 0.3246, 0.3584



46.9965, 0.2999, 0.2989

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.



57.7023, 0.3172, 0.3079



57.7023, 0.3246, 0.3584



57.7023, 0.2871, 0.3016

Square

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



57.7023, 0.3246, 0.3584



57.7023, 0.2826, 0.3225



57.7023, 0.3003, 0.3013



57.7023, 0.3438, 0.3342

Rectangle

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



57.7023, 0.3246, 0.3584



57.7023, 0.2970, 0.3432



57.7023, 0.3003, 0.3013



57.7023, 0.3283, 0.3154

Sweetspot

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



57.7048, 0.3246, 0.3584



98.8010, 0.3168, 0.3388



50.9893, 0.3328, 0.3374



21.1003, 0.3175, 0.3407



0.0000, 0.0000, 0.0000



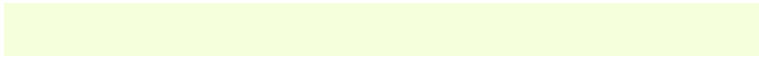
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7048, 0.3246, 0.3584



95.9906, 0.3270, 0.3646



56.1838, 0.3153, 0.3592



12.9262, 0.3221, 0.3522



30.9952, 0.3691, 0.5451



1.6367, 0.3793, 0.5370

Inverse Universe

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



46.9965, 0.2999, 0.2989



74.8134, 0.2970, 0.2924



48.5362, 0.3097, 0.2998



10.9997, 0.3027, 0.3054



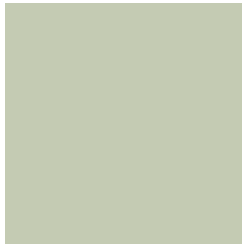
3.3796, 0.1698, 0.0709



0.2137, 0.1916, 0.0829

Previews

White Background



This preview shows how the Yxy color 57.7023, 0.3246, 0.3584 looks on a white background.

Color Contrast Check

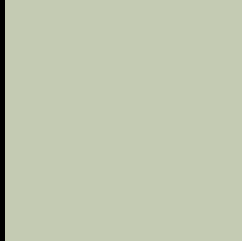
Large Text (above 18pt) WCAG AA × Fail

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 57.7023, 0.3246, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

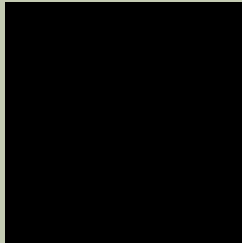
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

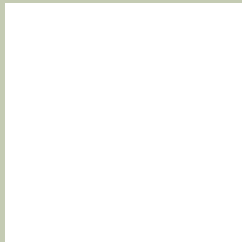
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7023, 0.3246, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 57.7023, 0.3246, 0.3584.



This preview shows how white text looks on a background with the Yxy color 57.7023, 0.3246, 0.3584.

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

57.7023, 0.3246, 0.3584

Protanopia

57.5765, 0.3372, 0.3553

Deuteranopia

57.6449, 0.3495, 0.3428



Tritanopia

57.6607, 0.3036, 0.3102

Trichromacy



Original Color

57.7023, 0.3246, 0.3584

Protanomaly

57.3603, 0.3322, 0.3556

Deuteranomaly

57.6749, 0.3403, 0.3490

Tritanomaly

57.6677, 0.3112, 0.3278

Monochromacy



Original Color

57.7023, 0.3246, 0.3584

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9405, 0.3169, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7023, 0.3246, 0.3584 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, 203, 179)` looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 179)  
}
```

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, 203, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 179) }
```

Border

The CSS property to change the border of an element to Yxy 57.7023, 0.3246, 0.3584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

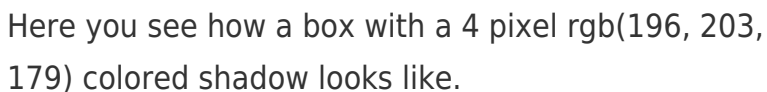
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 203, 179) }
```

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

```
.border{ border-color:rgb(196, 203, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 203, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 203, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 203, 179); box-shadow:4px 4px 4px 4px rgb(196, 203, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7023, 0.3246, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 179) }
```

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

```
.background{ background-color: rgb(196,  
203, 179) }
```

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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