

Converting Colors

$Yxy(58.7581, 0.3292, 0.3699)$

Have a look what the booklet for
Yxy(58.7581, 0.3292, 0.3699)
contains.

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Color

Yxy(58.8569, 0.3293, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	C4CEAC
RGB	196, 206, 172
RGB Percent	77%, 81%, 67%
CMY	0.2313, 0.1921, 0.3255
CMYK	0.05, 0.00, 0.17, 0.19
HSL	78°, 26%, 74%
HSV	78°, 17%, 81%
XYZ	52.2837, 58.8569, 47.6317
YIQ	199.1340, 4.9540, -12.6940

Conversions

Conversions Part 2

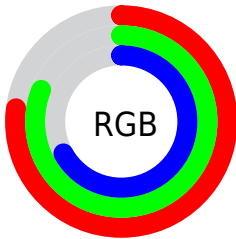
Format	Color
RYB	172, 206, 182
Decimal	12897964
CIELab	81.21, -9.34, 15.78
CIELCh	81, 18.340, 120.614
Yxy	58.8569, 0.3293, 0.3707
Android (android.graphics.Color)	4291088044 (0xFFC4CEAC)
YUV	199.1340, -13.3771, -2.7485
Hunter-Lab	76.7183, -12.6086, 16.8917

Details

The Yxy color **58.8569, 0.3293, 0.3707** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.9038, 0.2942, 0.2859**, and the grayscale version is **57.2825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9487, 0.3279, 0.3563**, and **29.5633, 0.3328, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **57.3327, 0.3393, 0.3976**, and if you desaturate by 10%, it is **60.5417, 0.3192, 0.3449**.

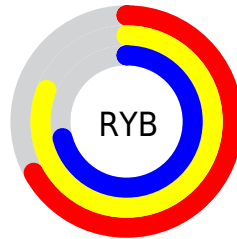
Distribution



Red (77%)

Green (81%)

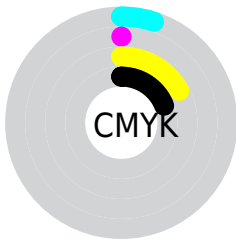
Blue (67%)



Red (67%)

Yellow (81%)

Blue (71%)

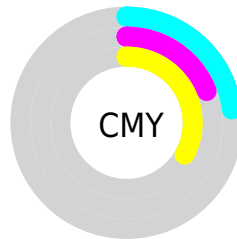


Cyan (5%)

Magenta (0%)

Yellow (17%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8569, 0.3293, 0.3707 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 58.8569, 0.3293, 0.3707 by changing the saturation by 10% instead.

■ 58.8569, 0.3293,
0.3707

■ 58.8569, 0.3293,
0.3707

420.3714, 0.3215,
0.3503

■ 42.4979, 0.3311,
0.3756

■ 103.1697, 0.3266,
0.3634

■ 29.4914, 0.3333,
0.3819

131.8922, 0.3255,
0.3606

■ 19.4529, 0.3361,
0.3901

165.5048, 0.3246,
0.3583

■ 11.9980, 0.3397,
0.4013

204.3918, 0.3239,
0.3562

■ 6.7423, 0.3446,
0.4174

248.9375, 0.3232,
0.3545

■ 3.3015, 0.3512,
0.4424

299.5264, 0.3226,

■ 1.2911, 0.3833,

0.3529

0.5173

356.5429, 0.3220,
0.3515

0.1343, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.8569, 0.3293,
0.3707

58.8569, 0.3293,
0.3707

57.3327, 0.3393,
0.3976

60.5417, 0.3192,
0.3449

55.9553, 0.3487,
0.4251

62.3851, 0.3093,
0.3208

54.7209, 0.3571,
0.4521

64.3949, 0.2997,
0.2984

53.6225, 0.3640,
0.4776

66.5763, 0.2907,
0.2780

■ 52.6524, 0.3689,
0.5004

■ 67.5782, 0.2945,
0.2781

■ 51.8018, 0.3715,
0.5194

■ 68.5759, 0.2988,
0.2787

■ 51.0607, 0.3715,
0.5337

■ 69.6086, 0.3030,
0.2793

■ 50.4162, 0.3691,
0.5433

■ 70.6765, 0.3074,
0.2800

■ 50.2058, 0.3679,
0.5460

■ 71.7801, 0.3117,
0.2806

Harmonies

Analogous

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



58.8569, 0.3492, 0.3679



58.8569, 0.3293, 0.3707



58.8569, 0.3055, 0.3612

Triad

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



58.8569, 0.3293, 0.3707



58.8569, 0.2681, 0.3011



58.8569, 0.3414, 0.3159

Complementary

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



58.8569, 0.3293, 0.3707



43.9038, 0.2942, 0.2859

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.



58.8569, 0.3187, 0.2997



58.8569, 0.3293, 0.3707



58.8569, 0.2768, 0.2908

Square

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



58.8569, 0.3293, 0.3707



58.8569, 0.2708, 0.3197



58.8569, 0.2950, 0.2905



58.8569, 0.3565, 0.3357

Rectangle

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



58.8569, 0.3293, 0.3707



58.8569, 0.2907, 0.3491



58.8569, 0.2950, 0.2905



58.8569, 0.3343, 0.3099

Sweetspot

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



58.8595, 0.3293, 0.3707



98.5021, 0.3178, 0.3413



49.4057, 0.3420, 0.3409



21.0396, 0.3185, 0.3431



0.0000, 0.0000, 0.0000



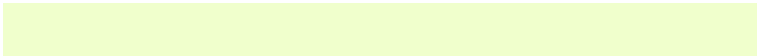
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8595, 0.3293, 0.3707



94.4069, 0.3331, 0.3807



56.7497, 0.3163, 0.3724



12.9247, 0.3221, 0.3522



30.9661, 0.3687, 0.5454



1.6354, 0.3789, 0.5373

Inverse Universe

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



43.9038, 0.2942, 0.2859



65.4640, 0.2894, 0.2751



46.0521, 0.3083, 0.2877



11.0011, 0.3027, 0.3054



3.3898, 0.1701, 0.0711



0.2144, 0.1919, 0.0831

Previews

White Background



This preview shows how the Yxy color 58.8569, 0.3293, 0.3707 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 58.8569, 0.3293, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

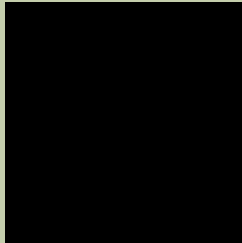
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

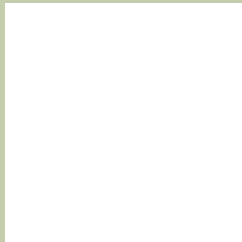
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8569, 0.3293, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 58.8569, 0.3293, 0.3707.



This preview shows how white text looks on a background with the Yxy color 58.8569, 0.3293, 0.3707.

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

58.8569, 0.3293, 0.3707

Protanopia

58.6726, 0.3447, 0.3658

Deuteranopia

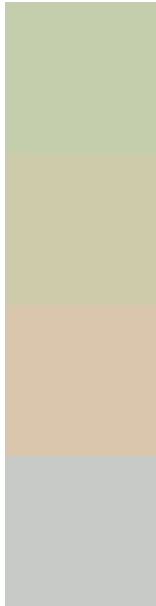
58.6285, 0.3592, 0.3517



Tritanopia

58.8230, 0.3029, 0.3104

Trichromacy



Original Color

58.8569, 0.3293, 0.3707

Protanomaly

58.7740, 0.3386, 0.3674

Deuteranomaly

58.3107, 0.3480, 0.3582

Tritanomaly

58.6906, 0.3126, 0.3314

Monochromacy



Original Color

58.8569, 0.3293, 0.3707

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.9209, 0.3190, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8569, 0.3293, 0.3707 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, 206, 172)` looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 172)  
}
```

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, 206, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 172) }
```

Border

The CSS property to change the border of an element to Yxy 58.8569, 0.3293, 0.3707 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, 206, 172) }
```

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

```
.border{ border-color:rgb(196, 206, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 206, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 172);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8569, 0.3293, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 206, 172) }
```

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

```
.background{ background-color: rgb(196,  
206, 172) }
```

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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