

Converting Colors

Yxy(58.1326, 0.3319, 0.3781)

Have a look what the booklet for
Yxy(58.1326, 0.3319, 0.3781)
contains.

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Color

Yxy(58.3651, 0.3320, 0.3785)

Conversions

Conversions Part 1

Format	Color
Hex	C2CEA6
RGB	194, 206, 166
RGB Percent	76%, 81%, 65%
CMY	0.2394, 0.1921, 0.3490
CMYK	0.06, 0.00, 0.19, 0.19
HSL	78°, 29%, 73%
HSV	78°, 19%, 81%
XYZ	51.1948, 58.3651, 44.6412
YIQ	197.8520, 5.6880, -14.9840

Conversions

Conversions Part 2

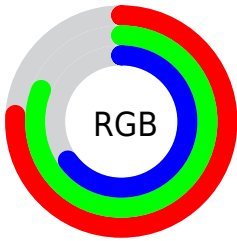
Format	Color
RYB	166, 206, 178
Decimal	12766886
CIELab	80.94, -11.03, 18.56
CIELCh	81, 21.594, 120.728
Yxy	58.3651, 0.3320, 0.3785
Android (android.graphics.Color)	4290956966 (0xFFC2CEA6)
YUV	197.8520, -15.7030, -3.3782
Hunter-Lab	76.3971, -14.0795, 18.8329

Details

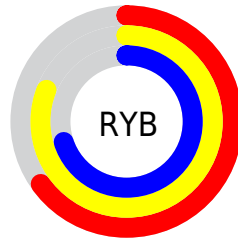
The Yxy color **58.3651, 0.3320, 0.3785** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.1990, 0.2907, 0.2776**, and the grayscale version is **56.4697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2497, 0.3301, 0.3624**, and **29.2468, 0.3363, 0.3922** is the 20% darker color. If you saturate the color by 10%, you get **56.8674, 0.3417, 0.4057**, and if you desaturate by 10%, it is **60.0233, 0.3220, 0.3523**.

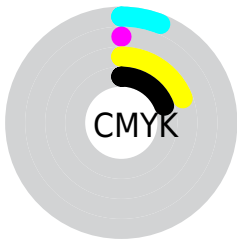
Distribution



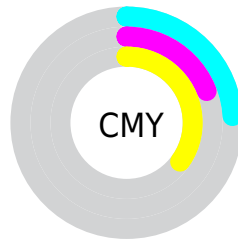
- Red (76%)
- Green (81%)
- Blue (65%)



- Red (65%)
- Yellow (81%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)





- Cyan (24%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3651, 0.3320, 0.3785 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 58.3651, 0.3320, 0.3785 by changing the saturation by 10% instead.


 58.3651, 0.3320,
0.3785


 58.3651, 0.3320,
0.3785


418.5450, 0.3230,
0.3542

 42.1022, 0.3340,
0.3844


 102.4543, 0.3289,
0.3698

 29.1814, 0.3366,
0.3919


 131.0495, 0.3277,
0.3665

 19.2181, 0.3397,
0.4018

164.5242, 0.3266,
0.3637

 11.8279, 0.3438,
0.4152

203.2629, 0.3257,
0.3612

 6.6266, 0.3490,
0.4345

247.6499, 0.3249,
0.3591

 3.2297, 0.3558,
0.4643

298.0697, 0.3242,

 1.2528, 0.4093,

0.3573

0.5809

354.9066, 0.3236,
0.3557

0.1042, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.3651, 0.3320,
0.3785

58.3651, 0.3320,
0.3785

56.8674, 0.3417,
0.4057

60.0233, 0.3220,
0.3523

55.5164, 0.3508,
0.4332

61.8401, 0.3122,
0.3276

54.3079, 0.3587,
0.4601

63.8236, 0.3026,
0.3048

53.2348, 0.3649,
0.4850

65.9788, 0.2935,
0.2838

■ 52.2890, 0.3690,
0.5070

■ 67.3756, 0.2936,
0.2779

■ 51.4615, 0.3707,
0.5248

■ 68.3910, 0.2979,
0.2786

■ 50.7417, 0.3699,
0.5379

■ 69.4430, 0.3023,
0.2793

■ 50.1114, 0.3669,
0.5466

■ 70.5320, 0.3068,
0.2799

■ 50.0766, 0.3667,
0.5470

■ 71.6583, 0.3112,
0.2806

Harmonies

Analogous

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



58.3651, 0.3556, 0.3749



58.3651, 0.3320, 0.3785



58.3651, 0.3040, 0.3673

Triad

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



58.3651, 0.3320, 0.3785



58.3651, 0.2604, 0.2958



58.3651, 0.3467, 0.3136

Complementary

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



58.3651, 0.3320, 0.3785



41.1990, 0.2907, 0.2776

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.



58.3651, 0.3197, 0.2947



58.3651, 0.3320, 0.3785



58.3651, 0.2706, 0.2841

Square

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



58.3651, 0.3320, 0.3785



58.3651, 0.2634, 0.3176



58.3651, 0.2919, 0.2840



58.3651, 0.3646, 0.3367

Rectangle

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



58.3651, 0.3320, 0.3785



58.3651, 0.2866, 0.3528



58.3651, 0.2919, 0.2840



58.3651, 0.3383, 0.3066

Sweetspot

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



58.3677, 0.3320, 0.3785



98.1899, 0.3187, 0.3439



47.7188, 0.3479, 0.3440



20.9758, 0.3194, 0.3455



0.0000, 0.0000, 0.0000



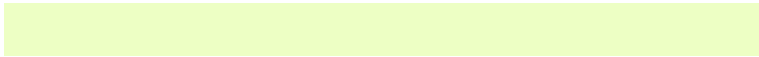
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3677, 0.3320, 0.3785



93.5839, 0.3358, 0.3889



55.9020, 0.3163, 0.3810



12.9205, 0.3220, 0.3522



30.8830, 0.3675, 0.5464



1.6316, 0.3780, 0.5381

Inverse Universe

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



41.1990, 0.2907, 0.2776



61.1562, 0.2856, 0.2662



43.7355, 0.3079, 0.2801



11.0050, 0.3028, 0.3054



3.4201, 0.1710, 0.0716



0.2163, 0.1930, 0.0837

Previews

White Background



This preview shows how the Yxy color 58.3651, 0.3320, 0.3785 looks on a white background.

Color Contrast Check

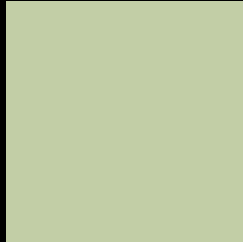
Large Text (above 18pt) WCAG AA × Fail

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 58.3651, 0.3320, 0.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

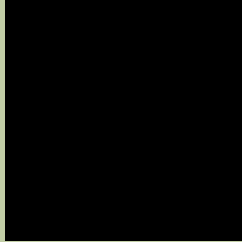
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3651, 0.3320, 0.3785

Background



This preview shows how black text looks on a background with the Yxy color 58.3651, 0.3320, 0.3785.



This preview shows how white text looks on a background with the Yxy color 58.3651, 0.3320, 0.3785.

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

58.3651, 0.3320, 0.3785

Protanopia

58.0990, 0.3512, 0.3729

Deuteranopia

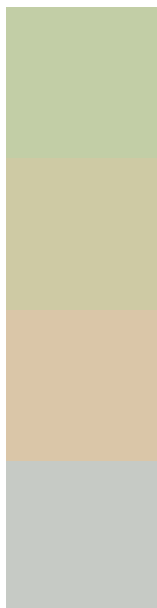
57.9934, 0.3636, 0.3562



Tritanopia

58.1707, 0.3029, 0.3103

Trichromacy



Original Color

58.3651, 0.3320, 0.3785

Protanomaly

58.0432, 0.3441, 0.3749

Deuteranomaly

58.1207, 0.3520, 0.3642

Tritanomaly

58.2780, 0.3132, 0.3350

Monochromacy



Original Color

58.3651, 0.3320, 0.3785

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.1888, 0.3205, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3651, 0.3320, 0.3785 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(194, 206, 166)` looks like.

```
.text, #text, p{  
    color:rgb(194, 206, 166)  
}
```

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(194, 206, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 206, 166) }
```

Border

The CSS property to change the border of an element to Yxy 58.3651, 0.3320, 0.3785 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(194, 206, 166) }
```

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

```
.border{ border-color:rgb(194, 206, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 206, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 206, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 206, 166);  
box-shadow:4px 4px 4px 4px rgb(194, 206,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3651, 0.3320, 0.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 206, 166) }
```

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

```
.background{ background-color: rgb(194,  
206, 166) }
```

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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