

Converting Colors

Yxy(58.8689, 0.3334, 0.3922)

Have a look what the booklet for
Yxy(58.8689, 0.3334, 0.3922)
contains.

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Color

Yxy(58.8884, 0.3332, 0.3928)

Conversions

Conversions Part 1

Format	Color
Hex	BDD19E
RGB	189, 209, 158
RGB Percent	74%, 82%, 62%
CMY	0.2589, 0.1803, 0.3804
CMYK	0.10, 0.00, 0.24, 0.18
HSL	84°, 36%, 72%
HSV	84°, 24%, 82%
XYZ	49.9532, 58.8884, 41.0780
YIQ	197.2060, 4.4510, -20.1010

Conversions

Conversions Part 2

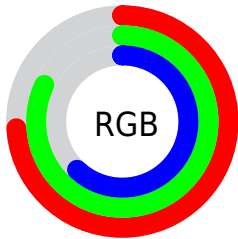
Format	Color
RYB	158, 209, 178
Decimal	12439966
CIELab	81.23, -15.59, 23.12
CIElCh	81, 27.890, 123.996
Yxy	58.8884, 0.3332, 0.3928
Android (android.graphics.Color)	4290630046 (0xFFBDD19E)
YUV	197.2060, -19.3286, -7.1967
Hunter-Lab	76.7388, -18.0981, 21.9794

Details

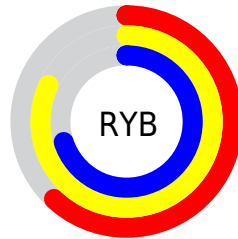
The Yxy color **58.8884, 0.3332, 0.3928** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5242, 0.2880, 0.2636**, and the grayscale version is **56.0815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9169, 0.3316, 0.3709**, and **29.6342, 0.3376, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **57.2113, 0.3410, 0.4212**, and if you desaturate by 10%, it is **60.7525, 0.3249, 0.3655**.

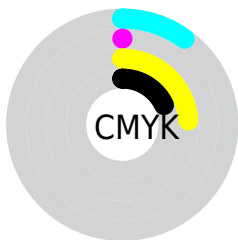
Distribution



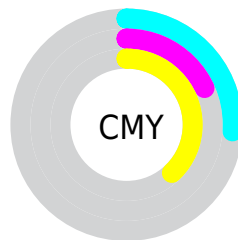
- Red (74%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (70%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)





- Cyan (26%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8884, 0.3332, 0.3928 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 58.8884, 0.3332, 0.3928 by changing the saturation by 10% instead.


 58.8884, 0.3332,
0.3928

 58.8884, 0.3332,
0.3928

420.4882, 0.3239,
0.3613

 42.5233, 0.3352,
0.4005


 103.2154, 0.3300,
0.3815

 29.5113, 0.3377,
0.4103

 131.9462, 0.3288,
0.3772

 19.4679, 0.3406,
0.4231


165.5676, 0.3277,
0.3735

 12.0089, 0.3442,
0.4405

204.4640, 0.3267,
0.3704

 6.7497, 0.3484,
0.4655

249.0199, 0.3259,
0.3677

 3.3061, 0.3524,
0.5039

299.6196, 0.3252,

 1.2935, 0.3824,

0.3653

0.6176

356.6476, 0.3245,
0.3632

■ 0.1362, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8884, 0.3332,
0.3928

■ 58.8884, 0.3332,
0.3928

■ 57.2113, 0.3410,
0.4212

■ 60.7525, 0.3249,
0.3655

■ 55.7063, 0.3480,
0.4497


■ 62.8025, 0.3164,
0.3397


■ 54.3682, 0.3535,
0.4773


■ 65.0474, 0.3081,
0.3159


■ 53.1886, 0.3572,
0.5027


■ 67.4931, 0.3000,
0.2942


 52.1581, 0.3586,
0.5246


 69.6528, 0.2972,
0.2816

 51.2659, 0.3576,
0.5418


 71.0432, 0.3029,
0.2824

 50.4993, 0.3543,
0.5538

 72.4984, 0.3087,
0.2833

 50.1133, 0.3518,
0.5589

 74.0193, 0.3146,
0.2841

 74.0868, 0.3148,
0.2841

Harmonies

Analogous

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



58.8884, 0.3649, 0.3893



58.8884, 0.3332, 0.3928



58.8884, 0.2972, 0.3763

Triad

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



58.8884, 0.3332, 0.3928



58.8884, 0.2468, 0.2838



58.8884, 0.3597, 0.3121

Complementary

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



58.8884, 0.3332, 0.3928



38.5242, 0.2880, 0.2636

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.



58.8884, 0.3255, 0.2877



58.8884, 0.3332, 0.3928



58.8884, 0.2612, 0.2710

Square

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



58.8884, 0.3332, 0.3928



58.8884, 0.2487, 0.3102



58.8884, 0.2894, 0.2729



58.8884, 0.3812, 0.3414

Rectangle

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



58.8884, 0.3332, 0.3928



58.8884, 0.2757, 0.3563



58.8884, 0.2894, 0.2729



58.8884, 0.3492, 0.3032

Sweetspot

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



58.8910, 0.3332, 0.3928



97.5978, 0.3187, 0.3464



47.6878, 0.3578, 0.3533



20.8471, 0.3192, 0.3480



0.0000, 0.0000, 0.0000



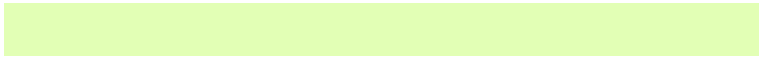
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8910, 0.3332, 0.3928



91.0202, 0.3371, 0.4067



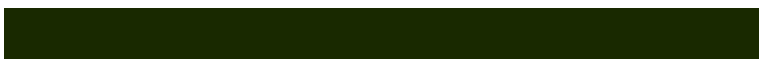
55.9620, 0.3139, 0.3968



13.5563, 0.3206, 0.3524



30.9529, 0.3527, 0.5581



1.7759, 0.3649, 0.5485

Inverse Universe

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



38.5242, 0.2880, 0.2636



54.0033, 0.2820, 0.2489



41.7606, 0.3102, 0.2677



11.6409, 0.3042, 0.3054



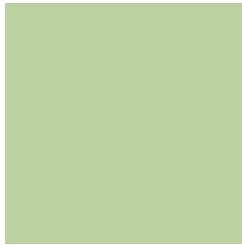
3.9999, 0.1840, 0.0787



0.2691, 0.2050, 0.0903

Previews

White Background



This preview shows how the Yxy color 58.8884, 0.3332, 0.3928 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 58.8884, 0.3332, 0.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

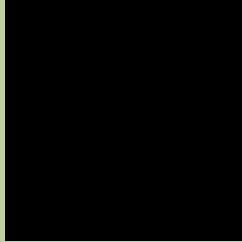
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8884, 0.3332, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 58.8884, 0.3332, 0.3928.



This preview shows how white text looks on a background with the Yxy color 58.8884, 0.3332, 0.3928.

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

58.8884, 0.3332, 0.3928

Protanopia

58.5535, 0.3595, 0.3845

Deuteranopia

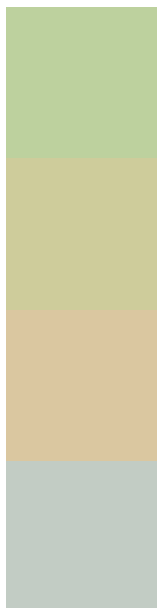
58.3753, 0.3736, 0.3649



Tritanopia

58.6534, 0.2985, 0.3102

Trichromacy



Original Color

58.8884, 0.3332, 0.3928

Protanomaly

58.6741, 0.3503, 0.3881

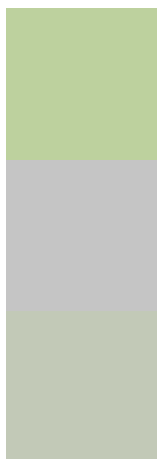
Deuteranomaly

58.2903, 0.3580, 0.3747

Tritanomaly

58.6406, 0.3107, 0.3387

Monochromacy



Original Color

58.8884, 0.3332, 0.3928

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6615, 0.3203, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8884, 0.3332, 0.3928 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, 209, 158)` looks like.

```
.text, #text, p{  
    color:rgb(189, 209, 158)  
}
```

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, 209, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 209, 158) }
```

Border

The CSS property to change the border of an element to Yxy 58.8884, 0.3332, 0.3928 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, 209, 158) }
```

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

```
.border{ border-color:rgb(189, 209, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 209, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 209, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 209, 158);  
box-shadow:4px 4px 4px 4px rgb(189, 209,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8884, 0.3332, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 209, 158) }
```

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

```
.background{ background-color: rgb(189,  
209, 158) }
```

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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