

Converting Colors

Yxy(59.7968, 0.3333, 0.3900)

Have a look what the booklet for
Yxy(59.7968, 0.3333, 0.3900)
contains.

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Color

Yxy(59.8729, 0.3333, 0.3896)

Conversions

Conversions Part 1

Format	Color
Hex	C0D2A1
RGB	192, 210, 161
RGB Percent	75%, 82%, 63%
CMY	0.2470, 0.1765, 0.3685
CMYK	0.09, 0.00, 0.23, 0.18
HSL	82°, 35%, 73%
HSV	82°, 23%, 82%
XYZ	51.2208, 59.8729, 42.5841
YIQ	199.0320, 5.0010, -19.0550

Conversions

Conversions Part 2

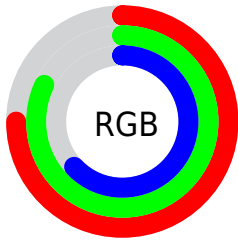
Format	Color
RYB	161, 210, 179
Decimal	12636833
CIELab	81.77, -14.53, 22.31
CIElCh	82, 26.623, 123.083
Yxy	59.8729, 0.3333, 0.3896
Android (android.graphics.Color)	4290826913 (0xFFC0D2A1)
YUV	199.0320, -18.7498, -6.1671
Hunter-Lab	77.3776, -17.2510, 21.5345

Details

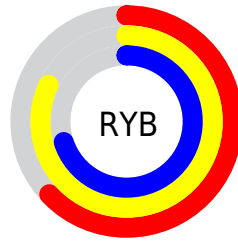
The Yxy color **59.8729, 0.3333, 0.3896** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.7357, 0.2883, 0.2665**, and the grayscale version is **57.2515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6176, 0.3318, 0.3676**, and **30.2843, 0.3378, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **58.2148, 0.3417, 0.4177**, and if you desaturate by 10%, it is **61.7135, 0.3245, 0.3626**.

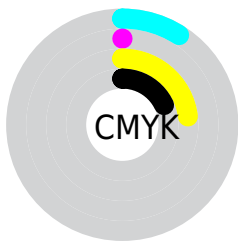
Distribution



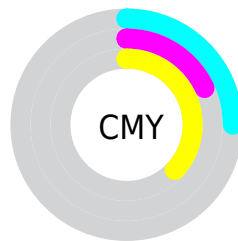
- Red (75%)
- Green (82%)
- Blue (63%)



- Red (63%)
- Yellow (82%)
- Blue (70%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)





- Cyan (25%)
- Magenta (18%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8729, 0.3333, 0.3896 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 59.8729, 0.3333, 0.3896 by changing the saturation by 10% instead.


 59.8729, 0.3333,
0.3896

 59.8729, 0.3333,
0.3896


424.1291, 0.3239,
0.3598

 43.3162, 0.3354,
0.3968


 104.6453, 0.3301,
0.3789

 30.1333, 0.3379,
0.4060

 133.6297, 0.3288,
0.3749

 19.9398, 0.3409,
0.4180


167.5256, 0.3277,
0.3714

 12.3513, 0.3447,
0.4343

206.7172, 0.3268,
0.3685

 6.9834, 0.3492,
0.4576

251.5889, 0.3259,
0.3659

 3.4517, 0.3541,
0.4932

302.5252, 0.3252,

 1.3719, 0.3920,

0.3636

0.6080

359.9105, 0.3245,
0.3616

0.1958, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.8729, 0.3333,
0.3896

59.8729, 0.3333,
0.3896

58.2148, 0.3417,
0.4177

61.7135, 0.3245,
0.3626

56.7243, 0.3492,
0.4459


63.7352, 0.3156,
0.3371


55.3964, 0.3553,
0.4733


65.9469, 0.3069,
0.3135

54.2230, 0.3596,
0.4985


68.3544, 0.2986,
0.2919

 53.1947, 0.3617,
0.5203


 70.2330, 0.2975,
0.2827


 52.3011, 0.3613,
0.5376

 71.5420, 0.3029,
0.2835

 51.5298, 0.3586,
0.5498

 72.9082, 0.3084,
0.2842

 51.0691, 0.3558,
0.5557

 74.3323, 0.3139,
0.2850

 74.5739, 0.3148,
0.2851

Harmonies

Analogous

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



59.8729, 0.3630, 0.3859



59.8729, 0.3333, 0.3896



59.8729, 0.2991, 0.3745

Triad

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



59.8729, 0.3333, 0.3896



59.8729, 0.2498, 0.2867



59.8729, 0.3565, 0.3122

Complementary

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



59.8729, 0.3333, 0.3896



39.7357, 0.2883, 0.2665

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.



59.8729, 0.3238, 0.2890



59.8729, 0.3333, 0.3896



59.8729, 0.2631, 0.2740

Square

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



59.8729, 0.3333, 0.3896



59.8729, 0.2521, 0.3122



59.8729, 0.2896, 0.2753



59.8729, 0.3773, 0.3401

Rectangle

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



59.8729, 0.3333, 0.3896



59.8729, 0.2785, 0.3558



59.8729, 0.2896, 0.2753



59.8729, 0.3464, 0.3037

Sweetspot

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



59.8755, 0.3333, 0.3896



97.6807, 0.3190, 0.3464



48.5082, 0.3557, 0.3512



20.8664, 0.3195, 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.



59.8755, 0.3333, 0.3896



91.5845, 0.3375, 0.4035



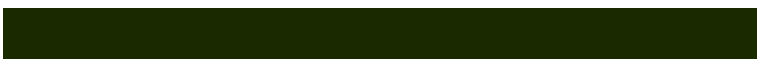
56.9436, 0.3145, 0.3933



13.5715, 0.3210, 0.3524



31.2097, 0.3567, 0.5550



1.7892, 0.3683, 0.5458

Inverse Universe

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



39.7357, 0.2883, 0.2665



55.0114, 0.2819, 0.2516



42.9131, 0.3096, 0.2704



11.6261, 0.3038, 0.3054



3.8568, 0.1800, 0.0765



0.2602, 0.2011, 0.0881

Previews

White Background



This preview shows how the Yxy color 59.8729, 0.3333, 0.3896 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 59.8729, 0.3333, 0.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

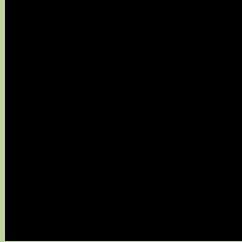
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8729, 0.3333, 0.3896

Background



This preview shows how black text looks on a background with the Yxy color 59.8729, 0.3333, 0.3896.

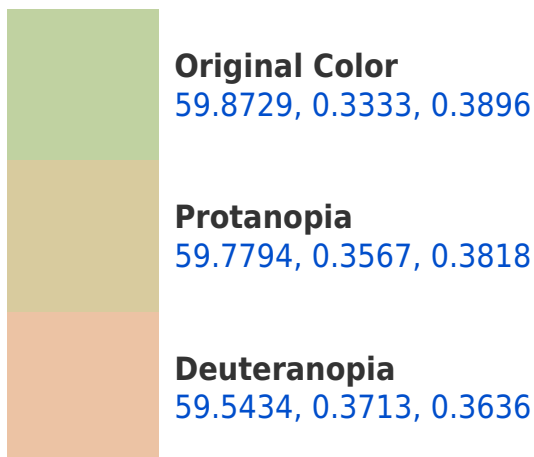


This preview shows how white text looks on a background with the Yxy color 59.8729, 0.3333, 0.3896.

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





Tritanopia

59.5824, 0.3000, 0.3104

Trichromacy



Original Color

59.8729, 0.3333, 0.3896

Protanomaly

59.9112, 0.3477, 0.3853

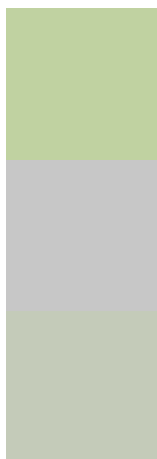
Deuteranomaly

59.1685, 0.3570, 0.3721

Tritanomaly

59.5642, 0.3123, 0.3386

Monochromacy



Original Color

59.8729, 0.3333, 0.3896

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.9504, 0.3202, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8729, 0.3333, 0.3896 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(192, 210, 161)` looks like.

```
.text, #text, p{  
    color:rgb(192, 210, 161)  
}
```

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(192, 210, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 210, 161) }
```

Border

The CSS property to change the border of an element to Yxy 59.8729, 0.3333, 0.3896 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(192, 210, 161) }
```

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

```
.border{ border-color:rgb(192, 210, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 210, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 210, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 210, 161);  
box-shadow:4px 4px 4px 4px rgb(192, 210,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8729, 0.3333, 0.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 210, 161) }
```

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

```
.background{ background-color: rgb(192,  
210, 161) }
```

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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