

Converting Colors

$Yxy(68.8709, 0.3444, 0.3930)$

Have a look what the booklet for
Yxy(68.8709, 0.3444, 0.3930)
contains.

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Color

Yxy(68.6122, 0.3440, 0.3922)

Conversions

Conversions Part 1

Format	Color
Hex	D5DDA6
RGB	213, 221, 166
RGB Percent	84%, 87%, 65%
CMY	0.1647, 0.1333, 0.3490
CMYK	0.04, 0.00, 0.25, 0.13
HSL	69°, 45%, 76%
HSV	69°, 25%, 87%
XYZ	60.1800, 68.6122, 46.1497
YIQ	212.3380, 12.8870, -18.8010

Conversions

Conversions Part 2

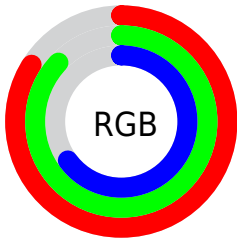
Format	Color
RYB	166, 221, 174
Decimal	14015910
CIELab	86.31, -11.65, 26.17
CIELCh	86, 28.643, 114.004
Yxy	68.6122, 0.3440, 0.3922
Android (android.graphics.Color)	4292205990 (0xFFD5DDA6)
YUV	212.3380, -22.8446, 0.5806
Hunter-Lab	82.8325, -15.2718, 24.9496

Details

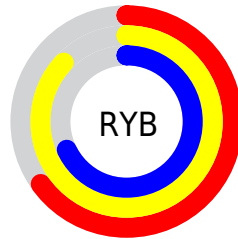
The Yxy color **68.6122, 0.3440, 0.3922** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4951, 0.2764, 0.2598**, and the grayscale version is **66.2252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **35.7564, 0.3508, 0.4076** is the 20% darker color. If you saturate the color by 10%, you get **67.3963, 0.3562, 0.4183**, and if you desaturate by 10%, it is **69.9832, 0.3314, 0.3662**.

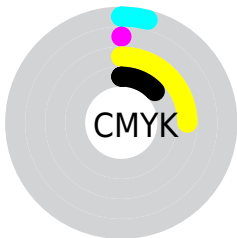
Distribution



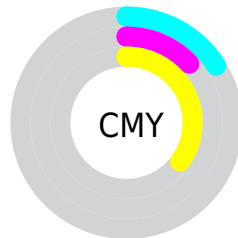
- Red (84%)
- Green (87%)
- Blue (65%)



- Red (65%)
- Yellow (87%)
- Blue (68%)



- Cyan (4%)
- Magenta (0%)
- Yellow (25%)
- Black (13%)





- Cyan (16%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6122, 0.3440, 0.3922 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 68.6122, 0.3440, 0.3922 by changing the saturation by 10% instead.


 68.6122, 0.3440,
0.3922

 68.6122, 0.3440,
0.3922


455.6620, 0.3298,
0.3621

 50.3959, 0.3471,
0.3993


 117.2275, 0.3392,
0.3816

 35.7281, 0.3509,
0.4081


 148.3954, 0.3373,
0.3775

 24.2243, 0.3555,
0.4193


184.6492, 0.3356,
0.3740

 15.5001, 0.3612,
0.4342

226.3734, 0.3342,
0.3710

 9.1711, 0.3684,
0.4545

273.9524, 0.3329,
0.3683

 4.8530, 0.3772,
0.4838

327.7706, 0.3318,

 2.1612, 0.4075,

0.3660

0.5572

388.2123, 0.3308,
0.3639

0.6987, 0.3521,
0.6479

0.0000, 0.0000,
0.0000

68.6122, 0.3440,
0.3922

68.6122, 0.3440,
0.3922

67.3963, 0.3562,
0.4183

69.9832, 0.3314,
0.3662

66.3190, 0.3676,
0.4435

71.5067, 0.3188,
0.3409

65.3757, 0.3775,
0.4668

73.1920, 0.3065,
0.3169

64.5577, 0.3854,
0.4871

75.0451, 0.2949,
0.2945

■ 63.8553, 0.3908,
0.5036

■ 75.6077, 0.2966,
0.2941

■ 63.2572, 0.3937,
0.5156

■ 76.1421, 0.2988,
0.2944

■ 62.7498, 0.3941,
0.5230

■ 76.6864, 0.3010,
0.2946

■ 62.5136, 0.3936,
0.5257

■ 77.2405, 0.3031,
0.2948

■ 77.8047, 0.3053,
0.2951

Harmonies

Analogous

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



68.6122, 0.3714, 0.3829



68.6122, 0.3440, 0.3922



68.6122, 0.3092, 0.3825

Triad

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



68.6122, 0.3440, 0.3922



68.6122, 0.2471, 0.2922



68.6122, 0.3484, 0.3038

Complementary

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



68.6122, 0.3440, 0.3922



41.4951, 0.2764, 0.2598

Split Complementary

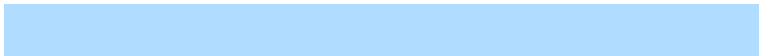
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.6122, 0.3131, 0.2825



68.6122, 0.3440, 0.3922



68.6122, 0.2560, 0.2749

Square

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



68.6122, 0.3440, 0.3922



68.6122, 0.2544, 0.3215



68.6122, 0.2796, 0.2720



68.6122, 0.3745, 0.3315

Rectangle

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



68.6122, 0.3440, 0.3922



68.6122, 0.2867, 0.3660



68.6122, 0.2796, 0.2720



68.6122, 0.3371, 0.2957

Sweetspot

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



68.6152, 0.3440, 0.3922



98.4137, 0.3215, 0.3463



48.1436, 0.3629, 0.3378



21.0364, 0.3222, 0.3478



0.0000, 0.0000, 0.0000



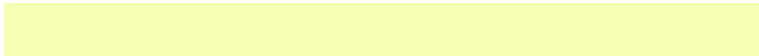
21.4041, 0.3127, 0.3290

Same Dimension

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



68.6152, 0.3440, 0.3922



93.9633, 0.3506, 0.4062



64.9298, 0.3238, 0.3964



15.1628, 0.3245, 0.3523



36.3516, 0.3940, 0.5254



2.3818, 0.3984, 0.5219

Inverse Universe

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



41.4951, 0.2764, 0.2598



50.1604, 0.2671, 0.2426



44.8903, 0.2984, 0.2640



12.7077, 0.3003, 0.3050



3.2424, 0.1561, 0.0634



0.2396, 0.1688, 0.0704

Previews

White Background



This preview shows how the Yxy color 68.6122, 0.3440, 0.3922 looks on a white background.

Color Contrast Check

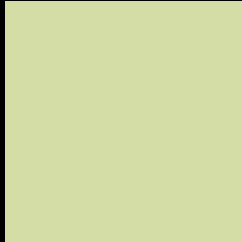
Large Text (above 18pt) WCAG AA × Fail

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 68.6122, 0.3440, 0.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

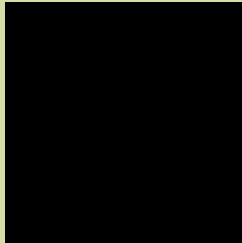
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

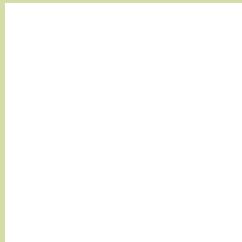
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.6122, 0.3440, 0.3922

Background



This preview shows how black text looks on a background with the Yxy color 68.6122, 0.3440, 0.3922.

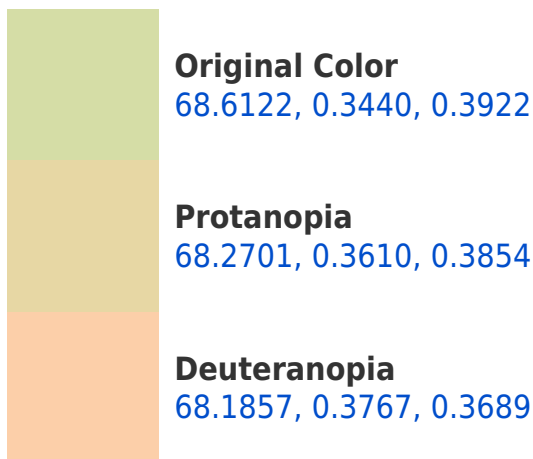


This preview shows how white text looks on a background with the Yxy color 68.6122, 0.3440, 0.3922.

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

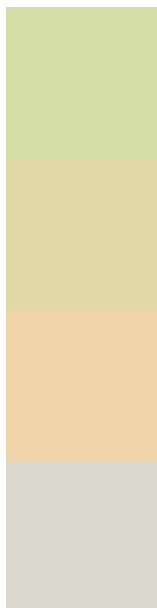




Tritanopia

68.6178, 0.3077, 0.3116

Trichromacy



Original Color

68.6122, 0.3440, 0.3922

Protanomaly

68.1896, 0.3542, 0.3874

Deuteranomaly

68.0913, 0.3646, 0.3769

Tritanomaly

68.4734, 0.3210, 0.3402

Monochromacy



Original Color

68.6122, 0.3440, 0.3922

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.5381, 0.3242, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6122, 0.3440, 0.3922 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(213, 221, 166)` looks like.

```
.text, #text, p{  
    color:rgb(213, 221, 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(213, 221, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 221, 166) }
```

Border

The CSS property to change the border of an element to Yxy 68.6122, 0.3440, 0.3922 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(213, 221, 166) }
```

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

```
.border{ border-color:rgb(213, 221, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 221, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 221, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 221, 166);  
box-shadow:4px 4px 4px 4px rgb(213, 221,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6122, 0.3440, 0.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 221, 166) }
```

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

```
.background{ background-color: rgb(213,  
221, 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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