

Converting Colors

$Yxy(68.7274, 0.3399, 0.3947)$

Have a look what the booklet for
Yxy(68.7274, 0.3399, 0.3947)
contains.

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Color

Yxy(68.9384, 0.3398, 0.3951)

Conversions

Conversions Part 1

Format	Color
Hex	D0DFA6
RGB	208, 223, 166
RGB Percent	82%, 87%, 65%
CMY	0.1842, 0.1255, 0.3490
CMYK	0.07, 0.00, 0.26, 0.13
HSL	76°, 47%, 76%
HSV	76°, 26%, 87%
XYZ	59.2895, 68.9384, 46.2556
YIQ	212.0170, 9.3570, -20.9070

Conversions

Conversions Part 2

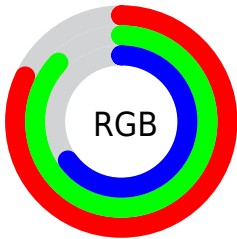
Format	Color
RYB	166, 223, 181
Decimal	13688742
CIELab	86.47, -14.48, 26.33
CIELCh	86, 30.048, 118.805
Yxy	68.9384, 0.3398, 0.3951
Android (android.graphics.Color)	4291878822 (0xFFD0DFA6)
YUV	212.0170, -22.6864, -3.5229
Hunter-Lab	83.0292, -17.8377, 25.0899

Details

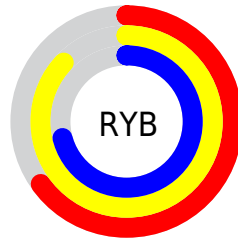
The Yxy color **68.9384, 0.3398, 0.3951** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.4179, 0.2805, 0.2587**, and the grayscale version is **66.0038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **35.9925, 0.3451, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **67.3596, 0.3499, 0.4223**, and if you desaturate by 10%, it is **70.6965, 0.3292, 0.3683**.

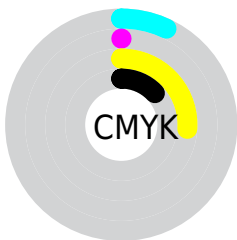
Distribution



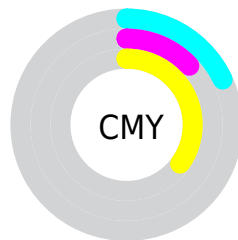
- Red (82%)
- Green (87%)
- Blue (65%)



- Red (65%)
- Yellow (87%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9384, 0.3398, 0.3951 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 68.9384, 0.3398, 0.3951 by changing the saturation by 10% instead.


 68.9384, 0.3398,
0.3951

 68.9384, 0.3398,
0.3951


456.8137, 0.3277,
0.3635

 50.6615, 0.3424,
0.4025


 117.6936, 0.3357,
0.3839

 35.9393, 0.3455,
0.4119


 148.9407, 0.3341,
0.3797

 24.3873, 0.3493,
0.4238


185.2800, 0.3327,
0.3760

 15.6212, 0.3540,
0.4396

227.0960, 0.3314,
0.3728

 9.2565, 0.3596,
0.4614

274.7729, 0.3303,
0.3700

 4.9089, 0.3660,
0.4930

328.6953, 0.3294,

 2.1939, 0.3912,

0.3676

0.5711

389.2474, 0.3285,
0.3654

0.7167, 0.3138,
0.6862

0.0000, 0.0000,
0.0000

68.9384, 0.3398,
0.3951

68.9384, 0.3398,
0.3951

67.3596, 0.3499,
0.4223

70.6965, 0.3292,
0.3683

65.9433, 0.3590,
0.4491


72.6319, 0.3186,
0.3426

64.6843, 0.3667,
0.4744

74.7544, 0.3081,
0.3185

63.5733, 0.3723,
0.4969


77.0575, 0.2982,
0.2964


 62.6001, 0.3755,
0.5155


 78.0506, 0.3021,
0.2968


 61.7528, 0.3762,
0.5296


 79.0765, 0.3061,
0.2972

 61.0167, 0.3744,
0.5389

 80.1357, 0.3101,
0.2976

 60.7147, 0.3731,
0.5420

 81.2284, 0.3141,
0.2979

 81.2537, 0.3142,
0.2980

Harmonies

Analogous

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



68.9384, 0.3704, 0.3880



68.9384, 0.3398, 0.3951



68.9384, 0.3031, 0.3817

Triad

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



68.9384, 0.3398, 0.3951



68.9384, 0.2446, 0.2865



68.9384, 0.3554, 0.3069

Complementary

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



68.9384, 0.3398, 0.3951



42.4179, 0.2805, 0.2587

Split Complementary

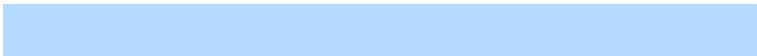
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.9384, 0.3191, 0.2834



68.9384, 0.3398, 0.3951



68.9384, 0.2565, 0.2710

Square

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



68.9384, 0.3398, 0.3951



68.9384, 0.2494, 0.3155



68.9384, 0.2831, 0.2704



68.9384, 0.3803, 0.3363

Rectangle

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



68.9384, 0.3398, 0.3951



68.9384, 0.2802, 0.3627



68.9384, 0.2831, 0.2704



68.9384, 0.3440, 0.2981

Sweetspot

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



68.9414, 0.3398, 0.3951



97.7534, 0.3212, 0.3489



51.1829, 0.3628, 0.3458



20.8368, 0.3228, 0.3528



0.0000, 0.0000, 0.0000



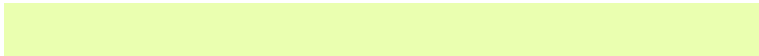
21.4041, 0.3127, 0.3290

Same Dimension

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



68.9414, 0.3398, 0.3951



92.1870, 0.3456, 0.4106



65.2597, 0.3193, 0.3996



15.8391, 0.3227, 0.3524



35.7579, 0.3738, 0.5414



2.5211, 0.3811, 0.5356

Inverse Universe

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



42.4179, 0.2805, 0.2587



50.0812, 0.2718, 0.2409



46.1173, 0.3035, 0.2632



13.4164, 0.3021, 0.3050



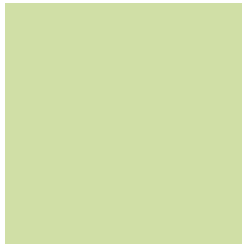
3.7179, 0.1661, 0.0689



0.3006, 0.1820, 0.0776

Previews

White Background



This preview shows how the Yxy color 68.9384, 0.3398, 0.3951 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 68.9384, 0.3398, 0.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

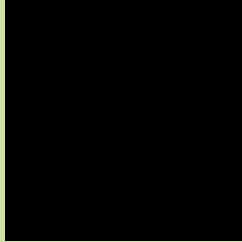
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

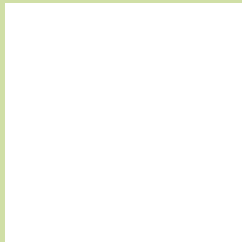
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9384, 0.3398, 0.3951

Background



This preview shows how black text looks on a background with the Yxy color 68.9384, 0.3398, 0.3951.



This preview shows how white text looks on a background with the Yxy color 68.9384, 0.3398, 0.3951.

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

68.9384, 0.3398, 0.3951

Protanopia

68.7450, 0.3614, 0.3875

Deuteranopia

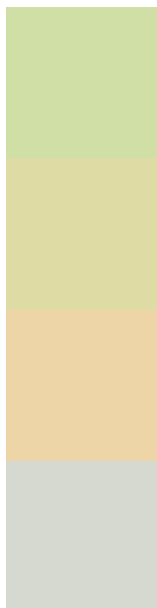
68.3729, 0.3775, 0.3688



Tritanopia

68.6144, 0.3035, 0.3105

Trichromacy



Original Color

68.9384, 0.3398, 0.3951

Protanomaly

69.0313, 0.3536, 0.3908

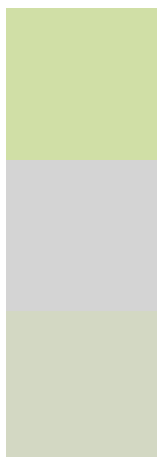
Deuteranomaly

68.4202, 0.3635, 0.3780

Tritanomaly

68.4268, 0.3173, 0.3402

Monochromacy



Original Color

68.9384, 0.3398, 0.3951

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.9007, 0.3234, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9384, 0.3398, 0.3951 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(208, 223, 166)` looks like.

```
.text, #text, p{  
    color:rgb(208, 223, 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(208, 223, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 223, 166) }
```

Border

The CSS property to change the border of an element to Yxy 68.9384, 0.3398, 0.3951 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(208, 223, 166) }
```

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

```
.border{ border-color:rgb(208, 223, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 223, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 223, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 223, 166);  
box-shadow:4px 4px 4px 4px rgb(208, 223,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9384, 0.3398, 0.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 223, 166) }
```

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

```
.background{ background-color: rgb(208,  
223, 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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