

Converting Colors

$Yxy(68.0307, 0.3439, 0.3997)$

Have a look what the booklet for
Yxy(68.0307, 0.3439, 0.3997)
contains.

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Color

Yxy(68.2257, 0.3433, 0.3999)

Conversions

Conversions Part 1

Format	Color
Hex	D0DEA1
RGB	208, 222, 161
RGB Percent	82%, 87%, 63%
CMY	0.1843, 0.1294, 0.3685
CMYK	0.06, 0.00, 0.27, 0.13
HSL	74°, 48%, 75%
HSV	74°, 27%, 87%
XYZ	58.5693, 68.2257, 43.8119
YIQ	210.8600, 11.2370, -21.9390

Conversions

Conversions Part 2

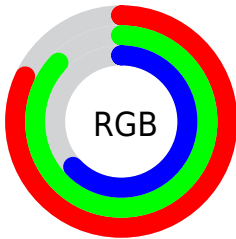
Format	Color
RYB	161, 222, 175
Decimal	13688481
CIELab	86.12, -14.69, 28.42
CIELCh	86, 31.987, 117.334
Yxy	68.2257, 0.3433, 0.3999
Android (android.graphics.Color)	4291878561 (0xFFD0DEA1)
YUV	210.8600, -24.5810, -2.5082
Hunter-Lab	82.5988, -17.9769, 26.3708

Details

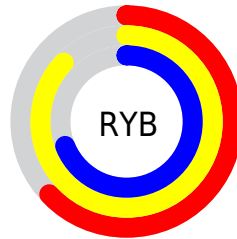
The Yxy color **68.2257, 0.3433, 0.3999** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.8903, 0.2760, 0.2524**, and the grayscale version is **65.2072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **35.5139, 0.3497, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **66.7866, 0.3538, 0.4268**, and if you desaturate by 10%, it is **69.8336, 0.3322, 0.3732**.

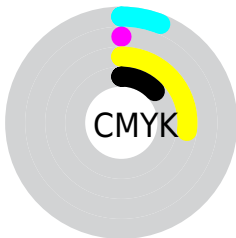
Distribution



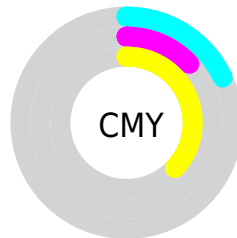
- Red (82%)
- Green (87%)
- Blue (63%)



- Red (63%)
- Yellow (87%)
- Blue (69%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (13%)





- Cyan (18%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.2257, 0.3433, 0.3999 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 68.2257, 0.3433, 0.3999 by changing the saturation by 10% instead.


 68.2257, 0.3433,
0.3999


 68.2257, 0.3433,
0.3999


454.2953, 0.3296,
0.3659

 50.0814, 0.3462,
0.4079


 116.6750, 0.3387,
0.3879

 35.4781, 0.3498,
0.4179


 147.7487, 0.3369,
0.3833

 24.0314, 0.3540,
0.4307


183.9010, 0.3353,
0.3794

 15.3569, 0.3592,
0.4476

225.5163, 0.3339,
0.3760

 9.0702, 0.3653,
0.4708

272.9790, 0.3326,
0.3730

 4.7870, 0.3720,
0.5042

326.6735, 0.3315,

 2.1229, 0.4044,

0.3703

0.5956

386.9841, 0.3305,
0.3680

0.6774, 0.2964,
0.7036

0.0000, 0.0000,
0.0000

68.2257, 0.3433,
0.3999

68.2257, 0.3433,
0.3999

66.7866, 0.3538,
0.4268

69.8336, 0.3322,
0.3732

65.4997, 0.3633,
0.4529

71.6084, 0.3210,
0.3474

64.3598, 0.3712,
0.4770

73.5596, 0.3100,
0.3230

63.3578, 0.3770,
0.4982

75.6934, 0.2994,
0.3003

■ 62.4832, 0.3803,
0.5153

■ 76.8698, 0.2996,
0.2955

■ 61.7241, 0.3810,
0.5278

■ 77.7424, 0.3030,
0.2958

■ 61.0642, 0.3794,
0.5358

■ 78.6400, 0.3065,
0.2962

■ 60.9061, 0.3788,
0.5374

■ 79.5628, 0.3099,
0.2965

■ 80.5111, 0.3134,
0.2969

Harmonies

Analogous

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



68.2257, 0.3755, 0.3910



68.2257, 0.3433, 0.3999



68.2257, 0.3042, 0.3868

Triad

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



68.2257, 0.3433, 0.3999



68.2257, 0.2400, 0.2848



68.2257, 0.3565, 0.3040

Complementary

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



68.2257, 0.3433, 0.3999



39.8903, 0.2760, 0.2524

Split Complementary

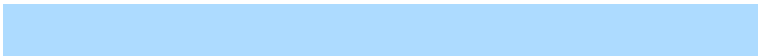
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.2257, 0.3175, 0.2795



68.2257, 0.3433, 0.3999



68.2257, 0.2518, 0.2676

Square

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



68.2257, 0.3433, 0.3999



68.2257, 0.2460, 0.3162



68.2257, 0.2794, 0.2663



68.2257, 0.3841, 0.3350

Rectangle

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



68.2257, 0.3433, 0.3999



68.2257, 0.2796, 0.3668



68.2257, 0.2794, 0.2663



68.2257, 0.3442, 0.2949

Sweetspot

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



68.2287, 0.3433, 0.3999



97.8776, 0.3216, 0.3489



48.4686, 0.3681, 0.3448



20.8682, 0.3233, 0.3527



0.0000, 0.0000, 0.0000



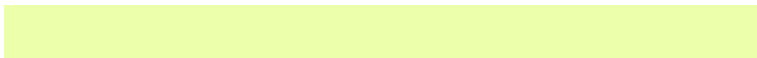
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2287, 0.3433, 0.3999



92.2329, 0.3495, 0.4155



64.3191, 0.3211, 0.4051



15.8627, 0.3232, 0.3524



36.2282, 0.3794, 0.5370



2.5503, 0.3858, 0.5318

Inverse Universe

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



39.8903, 0.2760, 0.2524



47.2581, 0.2666, 0.2339



43.7136, 0.3009, 0.2577



13.3943, 0.3016, 0.3050



3.5917, 0.1627, 0.0670



0.2891, 0.1779, 0.0754

Previews

White Background



This preview shows how the Yxy color 68.2257, 0.3433, 0.3999 looks on a white background.

Color Contrast Check

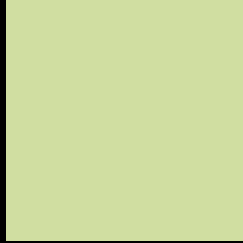
Large Text (above 18pt) WCAG AA × Fail

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 68.2257, 0.3433, 0.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

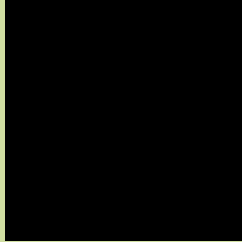
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

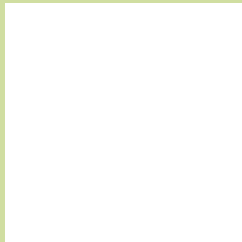
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2257, 0.3433, 0.3999

Background



This preview shows how black text looks on a background with the Yxy color 68.2257, 0.3433, 0.3999.

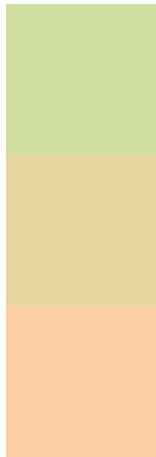


This preview shows how white text looks on a background with the Yxy color 68.2257, 0.3433, 0.3999.

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

68.2257, 0.3433, 0.3999

Protanopia

68.0584, 0.3653, 0.3920

Deuteranopia

67.7056, 0.3817, 0.3730



Tritanopia

68.0534, 0.3042, 0.3104

Trichromacy



Original Color

68.2257, 0.3433, 0.3999

Protanomaly

68.3340, 0.3573, 0.3954

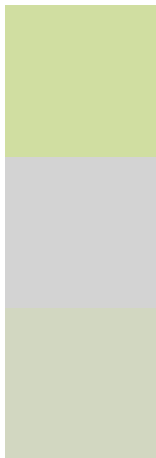
Deuteranomaly

67.7358, 0.3675, 0.3825

Tritanomaly

67.8157, 0.3187, 0.3414

Monochromacy



Original Color

68.2257, 0.3433, 0.3999

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.1528, 0.3241, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2257, 0.3433, 0.3999 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, 222, 161)` looks like.

```
.text, #text, p{  
    color:rgb(208, 222, 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(208, 222, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 222, 161) }
```

Border

The CSS property to change the border of an element to Yxy 68.2257, 0.3433, 0.3999 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, 222, 161) }
```

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

```
.border{ border-color:rgb(208, 222, 161) }
```

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

Here you see how a box with a 4 pixel rgb(208, 222, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 222, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 222, 161);  
box-shadow:4px 4px 4px 4px rgb(208, 222,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2257, 0.3433, 0.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 222, 161) }
```

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

```
.background{ background-color: rgb(208,  
222, 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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