

Converting Colors

Yxy(68.4792, 0.3324, 0.4051)

Have a look what the booklet for
Yxy(68.4792, 0.3324, 0.4051)
contains.

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Color

Yxy(68.6034, 0.3321, 0.4052)

Conversions

Conversions Part 1

Format	Color
Hex	C3E2A2
RGB	195, 226, 162
RGB Percent	76%, 89%, 64%
CMY	0.2353, 0.1137, 0.3646
CMYK	0.14, 0.00, 0.28, 0.11
HSL	89°, 52%, 76%
HSV	89°, 28%, 89%
XYZ	56.2270, 68.6034, 44.4771
YIQ	209.4350, 2.0680, -26.4760

Conversions

Conversions Part 2

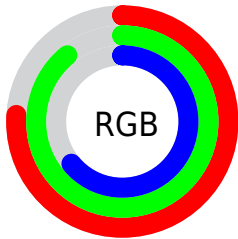
Format	Color
RYB	162, 226, 193
Decimal	12837538
CIELab	86.31, -21.25, 28.00
CIELCh	86, 35.146, 127.197
Yxy	68.6034, 0.3321, 0.4052
Android (android.graphics.Color)	4291027618 (0xFFC3E2A2)
YUV	209.4350, -23.3855, -12.6595
Hunter-Lab	82.8272, -23.7733, 26.1411

Details

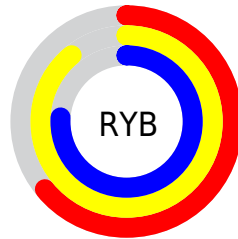
The Yxy color **68.6034, 0.3321, 0.4052** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.6867, 0.2880, 0.2526**, and the grayscale version is **64.2181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2252, 0.3332, 0.3663**, and **35.9143, 0.3358, 0.4252** is the 20% darker color. If you saturate the color by 10%, you get **66.4675, 0.3381, 0.4349**, and if you desaturate by 10%, it is **70.9968, 0.3255, 0.3766**.

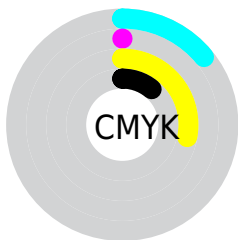
Distribution



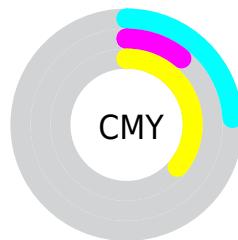
- Red (76%)
- Green (89%)
- Blue (64%)



- Red (64%)
- Yellow (89%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)




- Cyan (24%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6034, 0.3321, 0.4052 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 68.6034, 0.3321, 0.4052 by changing the saturation by 10% instead.

 68.6034, 0.3321,
0.4052


 68.6034, 0.3321,
0.4052


455.6309, 0.3239,
0.3683

 50.3888, 0.3337,
0.4140


 117.2149, 0.3294,
0.3921

 35.7224, 0.3356,
0.4250


 148.3806, 0.3283,
0.3871

 24.2199, 0.3378,
0.4392


184.6322, 0.3274,
0.3828

 15.4968, 0.3401,
0.4582

226.3539, 0.3265,
0.3791

 9.1688, 0.3423,
0.4847

273.9303, 0.3257,
0.3759

 4.8514, 0.3431,
0.5235


327.7456, 0.3250,

 2.1604, 0.3656,

0.3731

0.6320

388.1844, 0.3244,
0.3706


 0.6983, 0.1719,
0.8281

 0.0000, 0.0000,
0.0000


 68.6034, 0.3321,
0.4052


 68.6034, 0.3321,
0.4052


 66.4675, 0.3381,
0.4349


 70.9968, 0.3255,
0.3766


 64.5700, 0.3429,
0.4647


 73.6480, 0.3185,
0.3497


 62.9032, 0.3463,
0.4933


 76.5688, 0.3115,
0.3250

 61.4551, 0.3477,
0.5192


 79.7677, 0.3047,
0.3024


 60.2126, 0.3468,
0.5409

 81.8940, 0.3105,
0.3006

 59.1604, 0.3437,
0.5574

 82.8736, 0.3140,
0.3009

 58.2777, 0.3387,
0.5683

 58.1399, 0.3378,
0.5699

Harmonies

Analogous

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



68.6034, 0.3712, 0.4025



68.6034, 0.3321, 0.4052



68.6034, 0.2895, 0.3829

Triad

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



68.6034, 0.3321, 0.4052



68.6034, 0.2357, 0.2724



68.6034, 0.3728, 0.3122

Complementary

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



68.6034, 0.3321, 0.4052



42.6867, 0.2880, 0.2526

Split Complementary

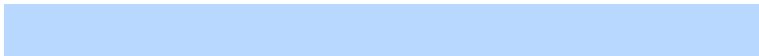
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.6034, 0.3324, 0.2827



68.6034, 0.3321, 0.4052



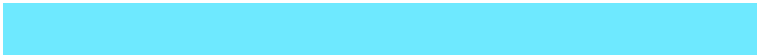
68.6034, 0.2544, 0.2598

Square

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



68.6034, 0.3321, 0.4052



68.6034, 0.2357, 0.3019



68.6034, 0.2889, 0.2640



68.6034, 0.3964, 0.3467

Rectangle

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



68.6034, 0.3321, 0.4052



68.6034, 0.2648, 0.3573



68.6034, 0.2889, 0.2640



68.6034, 0.3606, 0.3015

Sweetspot

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



68.6064, 0.3321, 0.4052



96.9281, 0.3183, 0.3491



56.8983, 0.3650, 0.3647



20.6285, 0.3194, 0.3530



0.0000, 0.0000, 0.0000



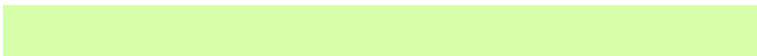
21.4041, 0.3127, 0.3290

Same Dimension

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



68.6064, 0.3321, 0.4052



88.5025, 0.3357, 0.4227



64.8010, 0.3096, 0.4107



15.6828, 0.3193, 0.3527



33.2393, 0.3390, 0.5691



2.3572, 0.3505, 0.5599

Inverse Universe

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



42.6867, 0.2880, 0.2526



49.0839, 0.2814, 0.2350



47.3421, 0.3151, 0.2586



13.5676, 0.3056, 0.3053



5.0762, 0.1997, 0.0874



0.4050, 0.2166, 0.0967

Previews

White Background



This preview shows how the Yxy color 68.6034, 0.3321, 0.4052 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 68.6034, 0.3321, 0.4052 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 68.6034, 0.3321, 0.4052

Background



This preview shows how black text looks on a background with the Yxy color 68.6034, 0.3321, 0.4052.

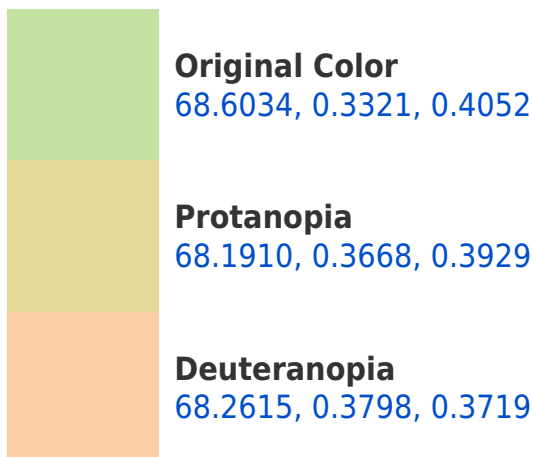


This preview shows how white text looks on a background with the Yxy color 68.6034, 0.3321, 0.4052.

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

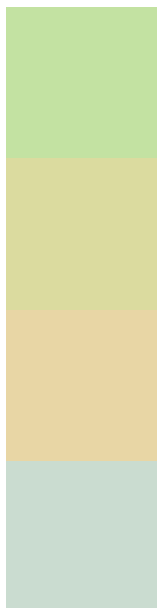




Tritanopia

68.6880, 0.2940, 0.3101

Trichromacy



Original Color

68.6034, 0.3321, 0.4052

Protanomaly

68.2263, 0.3539, 0.3971

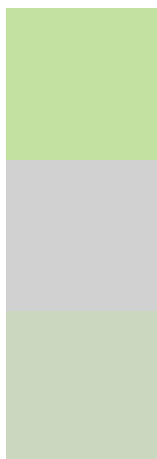
Deuteranomaly

67.9656, 0.3614, 0.3831

Tritanomaly

68.2970, 0.3078, 0.3428

Monochromacy



Original Color

68.6034, 0.3321, 0.4052

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.2440, 0.3203, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6034, 0.3321, 0.4052 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(195, 226, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 226, 162)  
}
```

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(195, 226, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 226, 162) }
```

Border

The CSS property to change the border of an element to Yxy 68.6034, 0.3321, 0.4052 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(195, 226, 162) }
```

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

```
.border{ border-color:rgb(195, 226, 162) }
```

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

Here you see how a box with a 4 pixel rgb(195, 226, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 226, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 226, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 226,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6034, 0.3321, 0.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 226, 162) }
```

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

```
.background{ background-color: rgb(195,  
226, 162) }
```

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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