

Converting Colors

$Yxy(67.1686, 0.3380, 0.3995)$

Have a look what the booklet for
Yxy(67.1686, 0.3380, 0.3995)
contains.

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Color

Yxy(67.4077, 0.3381, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	CADEA2
RGB	202, 222, 162
RGB Percent	79%, 87%, 64%
CMY	0.2078, 0.1294, 0.3647
CMYK	0.09, 0.00, 0.27, 0.13
HSL	80°, 48%, 75%
HSV	80°, 27%, 87%
XYZ	57.0049, 67.4077, 44.1910
YIQ	209.1800, 7.3400, -22.9000

Conversions

Conversions Part 2

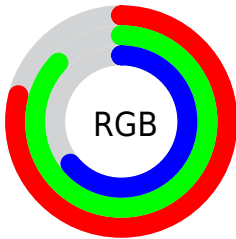
Format	Color
RYB	162, 222, 182
Decimal	13295266
CIELab	85.71, -16.74, 27.28
CIELCh	86, 32.012, 121.537
Yxy	67.4077, 0.3381, 0.3998
Android (android.graphics.Color)	4291485346 (0xFFCADEA2)
YUV	209.1800, -23.2597, -6.2969
Hunter-Lab	82.1022, -19.7434, 25.5591

Details

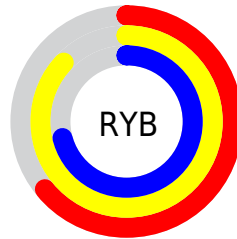
The Yxy color **67.4077, 0.3381, 0.3998** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.0597, 0.2818, 0.2549**, and the grayscale version is **64.0394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **34.9663, 0.3428, 0.4181** is the 20% darker color. If you saturate the color by 10%, you get **65.6828, 0.3468, 0.4278**, and if you desaturate by 10%, it is **69.3273, 0.3288, 0.3724**.

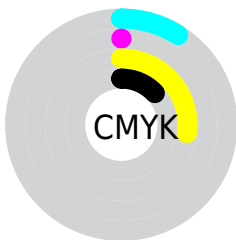
Distribution



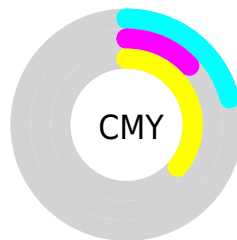
- Red (79%)
- Green (87%)
- Blue (64%)



- Red (64%)
- Yellow (87%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4077, 0.3381, 0.3998 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 67.4077, 0.3381, 0.3998 by changing the saturation by 10% instead.


 67.4077, 0.3381,
0.3998

 67.4077, 0.3381,
0.3998


451.3946, 0.3269,
0.3657

 49.4160, 0.3405,
0.4079


 115.5044, 0.3343,
0.3877

 34.9496, 0.3433,
0.4180


 146.3782, 0.3328,
0.3831

 23.6241, 0.3467,
0.4311


182.3149, 0.3315,
0.3791

 15.0550, 0.3507,
0.4485

223.6988, 0.3304,
0.3757

 8.8580, 0.3554,
0.4726

270.9143, 0.3293,
0.3727

 4.6487, 0.3600,
0.5078

324.3459, 0.3284,

 2.0426, 0.3911,

0.3701

0.6089

384.3778, 0.3276,
0.3678

0.6321, 0.2330,
0.7670

0.0000, 0.0000,
0.0000

67.4077, 0.3381,
0.3998

67.4077, 0.3381,
0.3998

65.6828, 0.3468,
0.4278

69.3273, 0.3288,
0.3724

64.1357, 0.3545,
0.4554

71.4402, 0.3193,
0.3463

62.7607, 0.3606,
0.4816

73.7562, 0.3100,
0.3219

61.5481, 0.3647,
0.5050

76.2822, 0.3009,
0.2995

■ 60.4873, 0.3664,
0.5245

■ 77.8097, 0.3033,
0.2959

■ 59.5656, 0.3655,
0.5392

■ 79.1226, 0.3083,
0.2964

■ 58.7671, 0.3623,
0.5490

■ 80.4888, 0.3134,
0.2969

■ 58.5454, 0.3612,
0.5514

■ 80.7220, 0.3142,
0.2970

Harmonies

Analogous

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



67.4077, 0.3720, 0.3937



67.4077, 0.3381, 0.3998



67.4077, 0.2987, 0.3835

Triad

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



67.4077, 0.3381, 0.3998



67.4077, 0.2403, 0.2812



67.4077, 0.3616, 0.3080

Complementary

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



67.4077, 0.3381, 0.3998



41.0597, 0.2818, 0.2549

Split Complementary

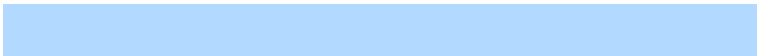
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.4077, 0.3232, 0.2822



67.4077, 0.3381, 0.3998



67.4077, 0.2545, 0.2662

Square

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



67.4077, 0.3381, 0.3998



67.4077, 0.2438, 0.3110



67.4077, 0.2841, 0.2671



67.4077, 0.3868, 0.3396

Rectangle

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



67.4077, 0.3381, 0.3998



67.4077, 0.2748, 0.3620



67.4077, 0.2841, 0.2671



67.4077, 0.3497, 0.2985

Sweetspot

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



67.4107, 0.3381, 0.3998



97.4895, 0.3203, 0.3490



51.1877, 0.3651, 0.3515



20.7700, 0.3217, 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.



67.4107, 0.3381, 0.3998



91.0188, 0.3428, 0.4144



63.7357, 0.3167, 0.4047



15.7890, 0.3216, 0.3525



34.8383, 0.3620, 0.5507



2.4631, 0.3710, 0.5436

Inverse Universe

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



41.0597, 0.2818, 0.2549



49.6188, 0.2745, 0.2387



44.9657, 0.3063, 0.2600



13.4639, 0.3032, 0.3051



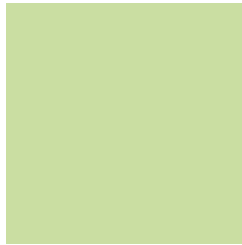
4.0498, 0.1748, 0.0737



0.3285, 0.1918, 0.0830

Previews

White Background



This preview shows how the Yxy color 67.4077, 0.3381, 0.3998 looks on a white background.

Color Contrast Check

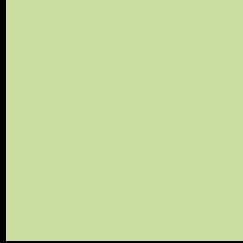
Large Text (above 18pt) WCAG AA × Fail

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 67.4077, 0.3381, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

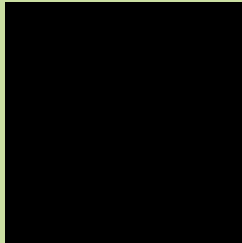
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

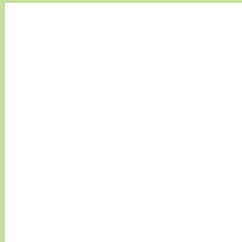
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4077, 0.3381, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 67.4077, 0.3381, 0.3998.



This preview shows how white text looks on a background with the Yxy color 67.4077, 0.3381, 0.3998.

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

67.4077, 0.3381, 0.3998

Protanopia

67.3848, 0.3648, 0.3911

Deuteranopia

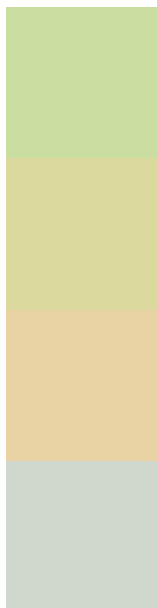
66.9250, 0.3788, 0.3701



Tritanopia

67.2987, 0.3007, 0.3102

Trichromacy



Original Color

67.4077, 0.3381, 0.3998

Protanomaly

67.3446, 0.3553, 0.3949

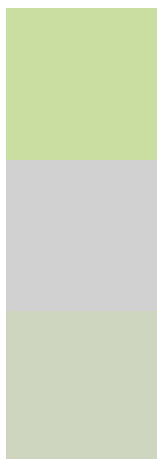
Deuteranomaly

66.6288, 0.3631, 0.3798

Tritanomaly

66.9294, 0.3143, 0.3416

Monochromacy



Original Color

67.4077, 0.3381, 0.3998

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.0207, 0.3219, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4077, 0.3381, 0.3998 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(202, 222, 162)` looks like.

```
.text, #text, p{  
    color:rgb(202, 222, 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(202, 222, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 222, 162) }
```

Border

The CSS property to change the border of an element to Yxy 67.4077, 0.3381, 0.3998 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(202, 222, 162) }
```

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

```
.border{ border-color:rgb(202, 222, 162) }
```

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

Here you see how a box with a 4 pixel rgb(202, 222, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 222, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 222, 162);  
box-shadow:4px 4px 4px 4px rgb(202, 222,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4077, 0.3381, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 222, 162) }
```

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

```
.background{ background-color: rgb(202,  
222, 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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