

Converting Colors

Yxy(67.9954, 0.3347, 0.3849)

Have a look what the booklet for
Yxy(67.9954, 0.3347, 0.3849)
contains.

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Color

Yxy(67.9954, 0.3347, 0.3849)

Conversions

Conversions Part 1

Format	Color
Hex	CFDDAD
RGB	207, 221, 173
RGB Percent	81%, 87%, 68%
CMY	0.1883, 0.1333, 0.3216
CMYK	0.06, 0.00, 0.22, 0.13
HSL	78°, 41%, 77%
HSV	78°, 22%, 87%
XYZ	59.1272, 67.9954, 49.5347
YIQ	211.3420, 7.0640, -17.8960

Conversions

Conversions Part 2

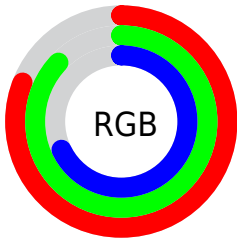
Format	Color
RYB	173, 221, 187
Decimal	13622701
CIELab	86.00, -12.84, 22.05
CIELCh	86, 25.518, 120.223
Yxy	67.9954, 0.3347, 0.3849
Android (android.graphics.Color)	4291812781 (0xFFCFDDAD)
YUV	211.3420, -18.9026, -3.8079
Hunter-Lab	82.4593, -16.3109, 22.1050

Details

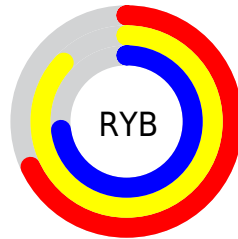
The Yxy color **67.9954, 0.3347, 0.3849** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.6683, 0.2872, 0.2705**, and the grayscale version is **65.5027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **35.3039, 0.3395, 0.3999** is the 20% darker color. If you saturate the color by 10%, you get **66.3018, 0.3445, 0.4123**, and if you desaturate by 10%, it is **69.8744, 0.3246, 0.3583**.

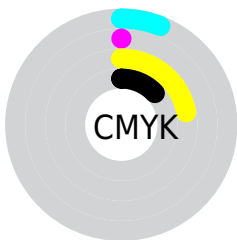
Distribution



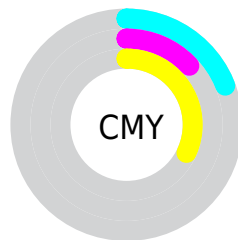
- Red (81%)
- Green (87%)
- Blue (68%)



- Red (68%)
- Yellow (87%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (13%)





- Cyan (19%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9954, 0.3347, 0.3849 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 67.9954, 0.3347, 0.3849 by changing the saturation by 10% instead.


 67.9954, 0.3347,
0.3849

 67.9954, 0.3347,
0.3849


453.4797, 0.3248,
0.3581

 49.8940, 0.3369,
0.3912


 116.3456, 0.3313,
0.3754

 35.3292, 0.3395,
0.3992


147.3631, 0.3300,
0.3718

 23.9166, 0.3427,
0.4094


183.4548, 0.3288,
0.3687

 15.2717, 0.3468,
0.4229

225.0051, 0.3278,
0.3660

 9.0103, 0.3518,
0.4419

272.3983, 0.3269,
0.3637

 4.7479, 0.3581,
0.4698

326.0189, 0.3261,

 2.1001, 0.3744,

0.3616

0.5281

386.2512, 0.3254,
0.3598

0.6647, 0.3237,
0.6763

0.0000, 0.0000,
0.0000

67.9954, 0.3347,
0.3849

67.9954, 0.3347,
0.3849

66.3018, 0.3445,
0.4123

69.8744, 0.3246,
0.3583

64.7774, 0.3535,
0.4397


71.9369, 0.3144,
0.3332

63.4171, 0.3613,
0.4662

74.1924, 0.3046,
0.3098

62.2122, 0.3672,
0.4904


76.2285, 0.2991,
0.2944

 61.1529, 0.3709,
0.5113


 77.3334, 0.3035,
0.2949


 60.2281, 0.3720,
0.5278

 78.4784, 0.3079,
0.2953

 59.4246, 0.3707,
0.5394

 79.6640, 0.3123,
0.2958

 58.8337, 0.3681,
0.5460

 80.1983, 0.3143,
0.2960

Harmonies

Analogous

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



67.9954, 0.3611, 0.3802



67.9954, 0.3347, 0.3849



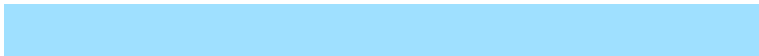
67.9954, 0.3033, 0.3726

Triad

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



67.9954, 0.3347, 0.3849



67.9954, 0.2542, 0.2920



67.9954, 0.3504, 0.3113

Complementary

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



67.9954, 0.3347, 0.3849



45.6683, 0.2872, 0.2705

Split Complementary

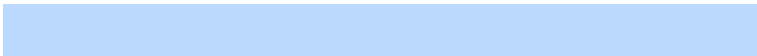
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.9954, 0.3199, 0.2904



67.9954, 0.3347, 0.3849



67.9954, 0.2652, 0.2789

Square

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



67.9954, 0.3347, 0.3849



67.9954, 0.2578, 0.3165



67.9954, 0.2888, 0.2787



67.9954, 0.3709, 0.3369

Rectangle

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



67.9954, 0.3347, 0.3849



67.9954, 0.2838, 0.3563



67.9954, 0.2888, 0.2787



67.9954, 0.3409, 0.3035

Sweetspot

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



67.9984, 0.3347, 0.3849



97.9280, 0.3198, 0.3464



53.7582, 0.3533, 0.3450



20.9237, 0.3204, 0.3479



0.0000, 0.0000, 0.0000



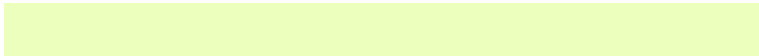
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9984, 0.3347, 0.3849



92.9524, 0.3392, 0.3971



64.8501, 0.3173, 0.3880



15.0630, 0.3222, 0.3524



34.2345, 0.3688, 0.5453



2.2613, 0.3773, 0.5386

Inverse Universe

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



45.6683, 0.2872, 0.2705



56.9048, 0.2810, 0.2570



48.8930, 0.3065, 0.2738



12.8005, 0.3026, 0.3051



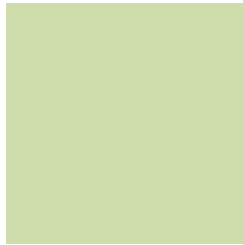
3.7270, 0.1696, 0.0708



0.2851, 0.1872, 0.0805

Previews

White Background



This preview shows how the Yxy color 67.9954, 0.3347, 0.3849 looks on a white background.

Color Contrast Check

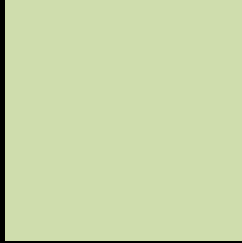
Large Text (above 18pt) WCAG AA × Fail

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 67.9954, 0.3347, 0.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

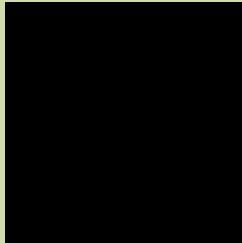
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

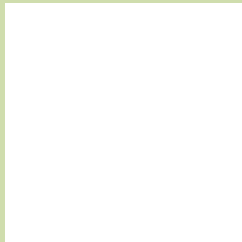
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9954, 0.3347, 0.3849

Background



This preview shows how black text looks on a background with the Yxy color 67.9954, 0.3347, 0.3849.

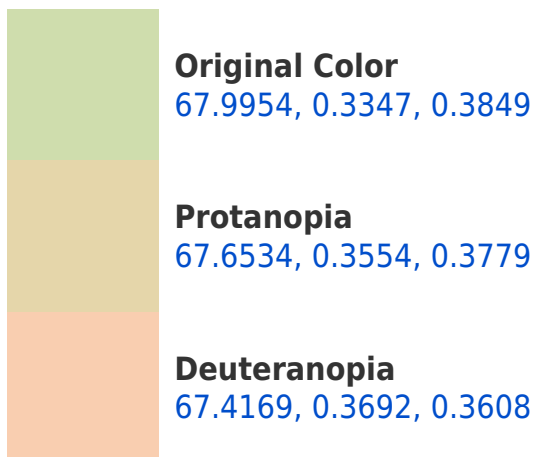


This preview shows how white text looks on a background with the Yxy color 67.9954, 0.3347, 0.3849.

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

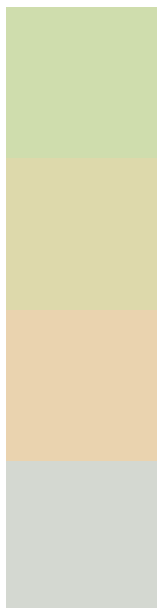




Tritanopia

67.7487, 0.3028, 0.3103

Trichromacy



Original Color

67.9954, 0.3347, 0.3849

Protanomaly

67.9381, 0.3476, 0.3810

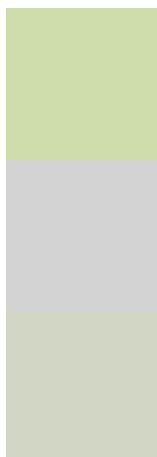
Deuteranomaly

67.1761, 0.3565, 0.3686

Tritanomaly

67.7122, 0.3145, 0.3369

Monochromacy



Original Color

67.9954, 0.3347, 0.3849

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.3337, 0.3213, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9954, 0.3347, 0.3849 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(207, 221, 173)` looks like.

```
.text, #text, p{  
    color:rgb(207, 221, 173)  
}
```

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(207, 221, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 221, 173) }
```

Border

The CSS property to change the border of an element to Yxy 67.9954, 0.3347, 0.3849 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(207, 221, 173) }
```

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

```
.border{ border-color:rgb(207, 221, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 221, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 221, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 221, 173);  
box-shadow:4px 4px 4px 4px rgb(207, 221,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9954, 0.3347, 0.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 221, 173) }
```

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

```
.background{ background-color: rgb(207,  
221, 173) }
```

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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