

Converting Colors

Yxy(67.2615, 0.3324, 0.3948)

Have a look what the booklet for
Yxy(67.2615, 0.3324, 0.3948)
contains.

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Color

Yxy(67.1747, 0.3325, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	C7DEA7
RGB	199, 222, 167
RGB Percent	78%, 87%, 65%
CMY	0.2197, 0.1294, 0.3451
CMYK	0.10, 0.00, 0.25, 0.13
HSL	85°, 45%, 76%
HSV	85°, 25%, 87%
XYZ	56.6462, 67.1747, 46.5436
YIQ	208.8530, 3.9470, -21.9810

Conversions

Conversions Part 2

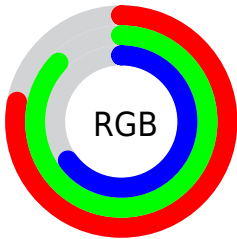
Format	Color
RYB	167, 222, 190
Decimal	13098663
CIELab	85.59, -17.12, 24.50
CIELCh	86, 29.891, 124.953
Yxy	67.1747, 0.3325, 0.3943
Android (android.graphics.Color)	4291288743 (0xFFC7DEA7)
YUV	208.8530, -20.6335, -8.6411
Hunter-Lab	81.9602, -20.0613, 23.7025

Details

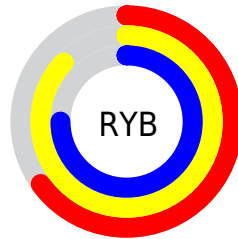
The Yxy color **67.1747, 0.3325, 0.3943** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.8678, 0.2887, 0.2624**, and the grayscale version is **63.7948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **34.8950, 0.3366, 0.4109** is the 20% darker color. If you saturate the color by 10%, you get **65.1928, 0.3399, 0.4230**, and if you desaturate by 10%, it is **69.3811, 0.3246, 0.3667**.

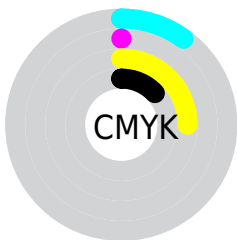
Distribution



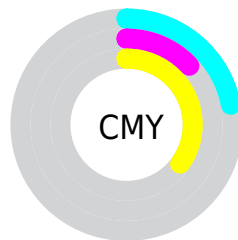
- Red (78%)
- Green (87%)
- Blue (65%)



- Red (65%)
- Yellow (87%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (25%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1747, 0.3325, 0.3943 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 67.1747, 0.3325, 0.3943 by changing the saturation by 10% instead.


 67.1747, 0.3325,
0.3943

 67.1747, 0.3325,
0.3943

450.5664, 0.3238,
0.3628

 49.2266, 0.3343,
0.4018

 115.1707, 0.3296,
0.3831

 34.7993, 0.3365,
0.4113

 145.9874, 0.3284,
0.3788

 23.5083, 0.3391,
0.4235


181.8624, 0.3274,
0.3752

 14.9693, 0.3422,
0.4398

223.1802, 0.3265,
0.3720

 8.7978, 0.3458,
0.4626

270.3251, 0.3257,
0.3693

 4.6095, 0.3492,
0.4965

323.6815, 0.3250,

 2.0200, 0.3698,

0.3668

0.5822

383.6338, 0.3244,
0.3647

0.6191, 0.2158,
0.7842

0.0000, 0.0000,
0.0000

67.1747, 0.3325,
0.3943

67.1747, 0.3325,
0.3943

65.1928, 0.3399,
0.4230

69.3811, 0.3246,
0.3667

63.4181, 0.3463,
0.4520

71.8112, 0.3165,
0.3407

61.8442, 0.3513,
0.4801

74.4755, 0.3086,
0.3167

60.4610, 0.3545,
0.5059

77.3288, 0.3014,
0.2957

■ 59.2572, 0.3554,
0.5281

■ 78.9631, 0.3077,
0.2963

■ 58.2201, 0.3539,
0.5454

■ 80.6815, 0.3141,
0.2970

■ 57.3343, 0.3501,
0.5575

■ 80.7278, 0.3142,
0.2970

■ 56.9189, 0.3476,
0.5622

Harmonies

Analogous

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



67.1747, 0.3653, 0.3912



67.1747, 0.3325, 0.3943



67.1747, 0.2957, 0.3767

Triad

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



67.1747, 0.3325, 0.3943



67.1747, 0.2454, 0.2820



67.1747, 0.3619, 0.3126

Complementary

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



67.1747, 0.3325, 0.3943



43.8678, 0.2887, 0.2624

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.



67.1747, 0.3270, 0.2873



67.1747, 0.3325, 0.3943



67.1747, 0.2607, 0.2694

Square

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



67.1747, 0.3325, 0.3943



67.1747, 0.2468, 0.3086



67.1747, 0.2899, 0.2718



67.1747, 0.3834, 0.3426

Rectangle

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



67.1747, 0.3325, 0.3943



67.1747, 0.2738, 0.3559



67.1747, 0.2899, 0.2718



67.1747, 0.3512, 0.3034

Sweetspot

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



67.1776, 0.3325, 0.3943



97.5131, 0.3184, 0.3465



55.1167, 0.3583, 0.3558



20.8275, 0.3189, 0.3480



0.0000, 0.0000, 0.0000



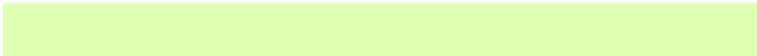
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1776, 0.3325, 0.3943



90.4374, 0.3366, 0.4099



63.7629, 0.3126, 0.3985



15.7287, 0.3203, 0.3526



33.8721, 0.3485, 0.5615



2.4001, 0.3592, 0.5530

Inverse Universe

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



43.8678, 0.2887, 0.2624



53.0399, 0.2822, 0.2461



47.7327, 0.3117, 0.2669



13.5223, 0.3046, 0.3052



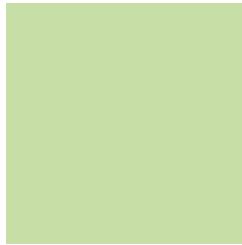
4.5755, 0.1879, 0.0809



0.3689, 0.2053, 0.0904

Previews

White Background



This preview shows how the Yxy color 67.1747, 0.3325, 0.3943 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 67.1747, 0.3325, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

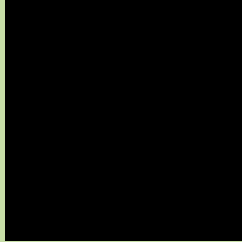
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

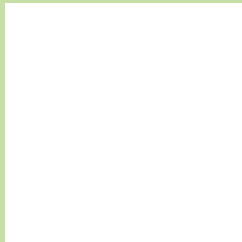
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1747, 0.3325, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 67.1747, 0.3325, 0.3943.

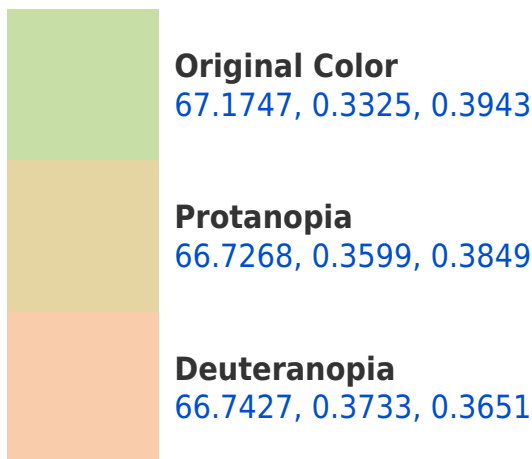


This preview shows how white text looks on a background with the Yxy color 67.1747, 0.3325, 0.3943.

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

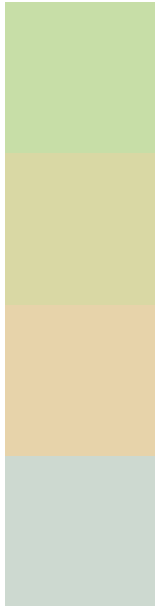




Tritanopia

67.2726, 0.2972, 0.3101

Trichromacy



Original Color

67.1747, 0.3325, 0.3943

Protanomaly

66.5438, 0.3497, 0.3886

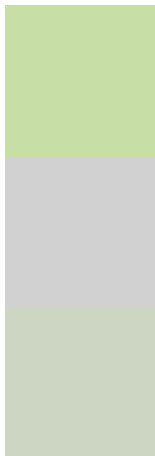
Deuteranomaly

66.4797, 0.3578, 0.3745

Tritanomaly

67.1589, 0.3101, 0.3393

Monochromacy



Original Color

67.1747, 0.3325, 0.3943

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.9673, 0.3197, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1747, 0.3325, 0.3943 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(199, 222, 167)` looks like.

```
.text, #text, p{  
    color:rgb(199, 222, 167)  
}
```

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(199, 222, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 222, 167) }
```

Border

The CSS property to change the border of an element to Yxy 67.1747, 0.3325, 0.3943 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(199, 222, 167) }
```

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

```
.border{ border-color:rgb(199, 222, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 222, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 222, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 222, 167);  
box-shadow:4px 4px 4px 4px rgb(199, 222,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1747, 0.3325, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 222, 167) }
```

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

```
.background{ background-color: rgb(199,  
222, 167) }
```

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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