

Converting Colors

Yxy(69.1582, 0.3351, 0.3939)

Have a look what the booklet for
Yxy(69.1582, 0.3351, 0.3939)
contains.

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Color

Yxy(69.0133, 0.3346, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	CCE0A9
RGB	204, 224, 169
RGB Percent	80%, 88%, 66%
CMY	0.2001, 0.1215, 0.3374
CMYK	0.09, 0.00, 0.25, 0.12
HSL	82°, 47%, 77%
HSV	82°, 25%, 88%
XYZ	58.7131, 69.0133, 47.7460
YIQ	211.7500, 5.7350, -21.3450

Conversions

Conversions Part 2

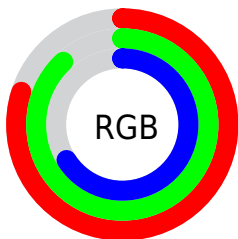
Format	Color
R _{YB}	169, 224, 189
Decimal	13426857
CIE Lab	86.51, -16.03, 24.80
CIE LCh	87, 29.525, 122.876
Yxy	69.0133, 0.3346, 0.3933
Android (android.graphics.Color)	4291616937 (0xFFCCE0A9)
YUV	211.7500, -21.0757, -6.7967
Hunter-Lab	83.0742, -19.2243, 24.0757

Details

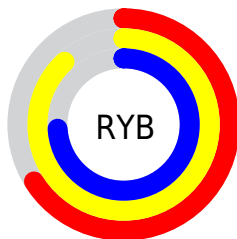
The Yxy color **69.0133, 0.3346, 0.3933** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.5651, 0.2864, 0.2625**, and the grayscale version is **65.8018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **36.0498, 0.3383, 0.4094** is the 20% darker color. If you saturate the color by 10%, you get **67.1242, 0.3430, 0.4215**, and if you desaturate by 10%, it is **71.1128, 0.3258, 0.3660**.

Distribution



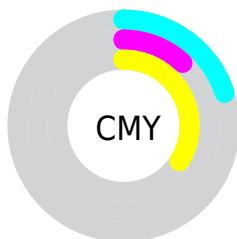
- Red (80%)
- Green (88%)
- Blue (66%)



- Red (66%)
- Yellow (88%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (25%)
- Black (12%)





- Cyan (20%)
- Magenta (12%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0133, 0.3346, 0.3933 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 69.0133, 0.3346, 0.3933 by changing the saturation by 10% instead.

 69.0133, 0.3346,
0.3933

 69.0133, 0.3346,
0.3933


457.0779, 0.3249,
0.3624

 50.7225, 0.3367,
0.4006

 117.8006, 0.3313,
0.3824

 35.9878, 0.3391,
0.4097


149.0659, 0.3301,
0.3782

 24.4248, 0.3421,
0.4215


185.4248, 0.3289,
0.3746

 15.6490, 0.3457,
0.4371

227.2618, 0.3279,
0.3715

 9.2762, 0.3499,
0.4588

274.9612, 0.3270,
0.3688

 4.9217, 0.3544,
0.4908

328.9074, 0.3263,

 2.2014, 0.3716,

0.3664

0.5628

389.4848, 0.3256,
0.3643

0.7208, 0.2896,
0.7104

0.0000, 0.0000,
0.0000

69.0133, 0.3346,
0.3933

69.0133, 0.3346,
0.3933

67.1242, 0.3430,
0.4215

71.1128, 0.3258,
0.3660

65.4283, 0.3504,
0.4498

73.4214, 0.3168,
0.3402


63.9196, 0.3564,
0.4770

75.9494, 0.3080,
0.3162

62.5884, 0.3605,
0.5018


78.4714, 0.3017,
0.2978

 61.4237, 0.3623,
0.5230


 79.9033, 0.3071,
0.2983

 60.4129, 0.3616,
0.5395

 81.3997, 0.3127,
0.2988

 59.5411, 0.3585,
0.5508

 81.7978, 0.3141,
0.2990

 59.1132, 0.3561,
0.5554

Harmonies

Analogous

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



69.0133, 0.3660, 0.3890



69.0133, 0.3346, 0.3933



69.0133, 0.2985, 0.3775

Triad

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



69.0133, 0.3346, 0.3933



69.0133, 0.2463, 0.2844



69.0133, 0.3588, 0.3110

Complementary

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



69.0133, 0.3346, 0.3933



44.5651, 0.2864, 0.2625

Split Complementary

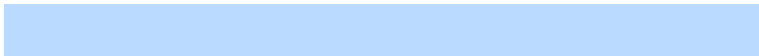
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0133, 0.3241, 0.2867



69.0133, 0.3346, 0.3933



69.0133, 0.2602, 0.2710

Square

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



69.0133, 0.3346, 0.3933



69.0133, 0.2488, 0.3113



69.0133, 0.2880, 0.2723



69.0133, 0.3810, 0.3403

Rectangle

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



69.0133, 0.3346, 0.3933



69.0133, 0.2767, 0.3576



69.0133, 0.2880, 0.2723



69.0133, 0.3481, 0.3021

Sweetspot

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



69.0163, 0.3346, 0.3933



97.6921, 0.3190, 0.3464



54.7790, 0.3589, 0.3515



20.8690, 0.3195, 0.3480



0.0000, 0.0000, 0.0000



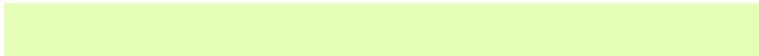
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0163, 0.3346, 0.3933



91.3674, 0.3386, 0.4063



65.5548, 0.3152, 0.3973



15.7672, 0.3212, 0.3526



34.4712, 0.3571, 0.5547



2.4394, 0.3667, 0.5470

Inverse Universe

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



44.5651, 0.2864, 0.2625



53.6918, 0.2804, 0.2485



48.3084, 0.3086, 0.2667



13.4848, 0.3037, 0.3052



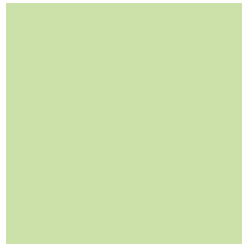
4.2233, 0.1792, 0.0761



0.3422, 0.1965, 0.0856

Previews

White Background



This preview shows how the Yxy color 69.0133, 0.3346, 0.3933 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 69.0133, 0.3346, 0.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

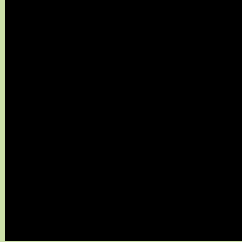
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

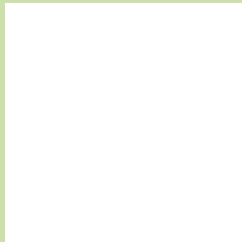
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0133, 0.3346, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 69.0133, 0.3346, 0.3933.

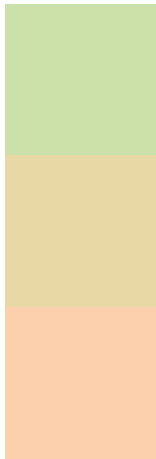


This preview shows how white text looks on a background with the Yxy color 69.0133, 0.3346, 0.3933.

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

69.0133, 0.3346, 0.3933

Protanopia

68.8173, 0.3600, 0.3853

Deuteranopia

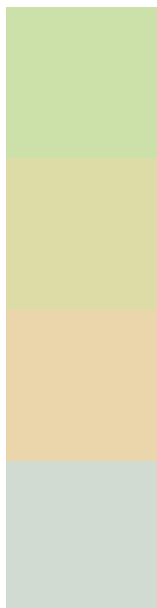
68.7858, 0.3740, 0.3668



Tritanopia

69.1411, 0.2994, 0.3104

Trichromacy



Original Color

69.0133, 0.3346, 0.3933

Protanomaly

68.7884, 0.3507, 0.3888

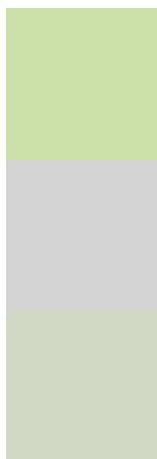
Deuteranomaly

68.6956, 0.3594, 0.3760

Tritanomaly

69.0178, 0.3122, 0.3391

Monochromacy



Original Color

69.0133, 0.3346, 0.3933

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.6526, 0.3212, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0133, 0.3346, 0.3933 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(204, 224, 169)` looks like.

```
.text, #text, p{  
    color:rgb(204, 224, 169)  
}
```

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(204, 224, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 224, 169) }
```

Border

The CSS property to change the border of an element to Yxy 69.0133, 0.3346, 0.3933 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(204, 224, 169) }
```

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

```
.border{ border-color:rgb(204, 224, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 224, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 224, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 224, 169); box-shadow:4px 4px 4px 4px rgb(204, 224, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0133, 0.3346, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 224, 169) }
```

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

```
.background{ background-color: rgb(204,  
224, 169) }
```

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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