

Converting Colors

$Yxy(69.8705, 0.3304, 0.3805)$

Have a look what the booklet for
Yxy(69.8705, 0.3304, 0.3805)
contains.

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Color

Yxy(69.9759, 0.3309, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	D0E0B3
RGB	208, 224, 179
RGB Percent	82%, 88%, 70%
CMY	0.1846, 0.1215, 0.2981
CMYK	0.07, 0.00, 0.20, 0.12
HSL	81°, 42%, 79%
HSV	81°, 20%, 88%
XYZ	60.7903, 69.9759, 52.9458
YIQ	214.0860, 4.9090, -17.3870

Conversions

Conversions Part 2

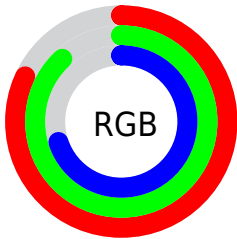
Format	Color
RYB	179, 224, 195
Decimal	13689011
CIELab	86.99, -13.11, 20.29
CIElCh	87, 24.154, 122.867
Yxy	69.9759, 0.3309, 0.3809
Android (android.graphics.Color)	4291879091 (0xFFD0E0B3)
YUV	214.0860, -17.2974, -5.3374
Hunter-Lab	83.6516, -16.6729, 21.0296

Details

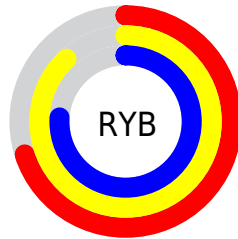
The Yxy color **69.9759, 0.3309, 0.3809** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2335, 0.2917, 0.2756**, and the grayscale version is **67.4170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **36.6546, 0.3346, 0.3945** is the 20% darker color. If you saturate the color by 10%, you get **68.0143, 0.3396, 0.4088**, and if you desaturate by 10%, it is **72.1494, 0.3218, 0.3542**.

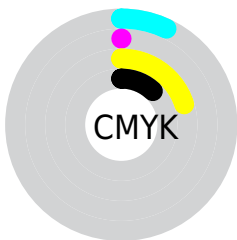
Distribution



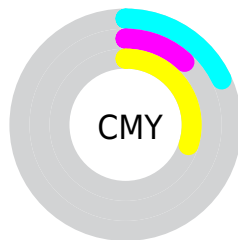
- Red (82%)
- Green (88%)
- Blue (70%)



- Red (70%)
- Yellow (88%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)





- Cyan (18%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9759, 0.3309, 0.3809 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 69.9759, 0.3309, 0.3809 by changing the saturation by 10% instead.

 69.9759, 0.3309,
0.3809

 69.9759, 0.3309,
0.3809

460.4654, 0.3228,
0.3562

 51.5069, 0.3327,
0.3867


 119.1744, 0.3281,
0.3722

 36.6122, 0.3348,
0.3940


150.6726, 0.3270,
0.3688

 24.9074, 0.3374,
0.4034


187.2828, 0.3261,
0.3659

 16.0080, 0.3407,
0.4158

229.3892, 0.3253,
0.3635

 9.5298, 0.3448,
0.4332

277.3763, 0.3245,
0.3613

 5.0884, 0.3499,
0.4588

331.6284, 0.3239,

 2.2992, 0.3583,

0.3594

392.5300, 0.3233,
0.3577

0.5039

0.7733, 0.3492,
0.6508

0.0000, 0.0000,
0.0000

69.9759, 0.3309,
0.3809

69.9759, 0.3309,
0.3809

68.0143, 0.3396,
0.4088

72.1494, 0.3218,
0.3542

66.2475, 0.3477,
0.4371

74.5332, 0.3128,
0.3292

64.6700, 0.3545,
0.4648

77.1372, 0.3040,
0.3062

63.2725, 0.3596,
0.4907


79.0608, 0.3039,
0.2980


 62.0446, 0.3626,
0.5135

 80.4924, 0.3093,
0.2985

 60.9747, 0.3631,
0.5321

 81.8041, 0.3141,
0.2990

 60.0491, 0.3611,
0.5456

 59.2519, 0.3572,
0.5546

Harmonies

Analogous

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



69.9759, 0.3564, 0.3780



69.9759, 0.3309, 0.3809



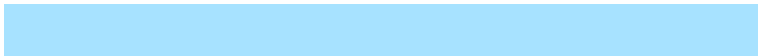
69.9759, 0.3014, 0.3680

Triad

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



69.9759, 0.3309, 0.3809



69.9759, 0.2581, 0.2928



69.9759, 0.3502, 0.3144

Complementary

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



69.9759, 0.3309, 0.3809



49.2335, 0.2917, 0.2756

Split Complementary

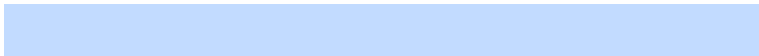
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.9759, 0.3222, 0.2941



69.9759, 0.3309, 0.3809



69.9759, 0.2696, 0.2814

Square

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



69.9759, 0.3309, 0.3809



69.9759, 0.2602, 0.3150



69.9759, 0.2927, 0.2822



69.9759, 0.3682, 0.3388

Rectangle

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



69.9759, 0.3309, 0.3809



69.9759, 0.2834, 0.3522



69.9759, 0.2927, 0.2822



69.9759, 0.3416, 0.3070

Sweetspot

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



69.9790, 0.3309, 0.3809



98.0314, 0.3182, 0.3439



58.0254, 0.3491, 0.3472



20.9383, 0.3188, 0.3455



0.0000, 0.0000, 0.0000



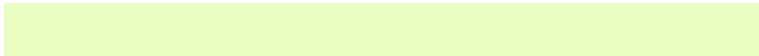
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9790, 0.3309, 0.3809



92.7523, 0.3345, 0.3921



66.9860, 0.3148, 0.3835



15.7719, 0.3213, 0.3525



34.5474, 0.3581, 0.5539



2.4444, 0.3676, 0.5463

Inverse Universe

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



49.2335, 0.2917, 0.2756



60.2627, 0.2866, 0.2637



52.4135, 0.3095, 0.2784



13.4804, 0.3036, 0.3052



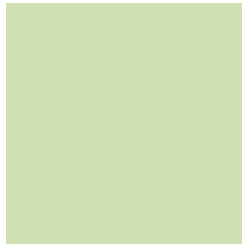
4.1849, 0.1782, 0.0755



0.3392, 0.1955, 0.0850

Previews

White Background



This preview shows how the Yxy color 69.9759, 0.3309, 0.3809 looks on a white background.

Color Contrast Check

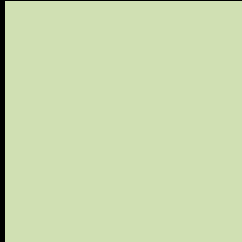
Large Text (above 18pt) WCAG AA × Fail

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 69.9759, 0.3309, 0.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

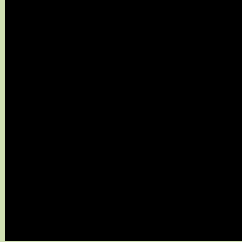
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

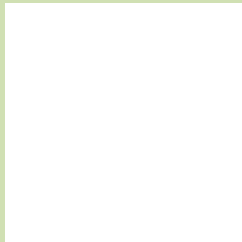
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9759, 0.3309, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 69.9759, 0.3309, 0.3809.

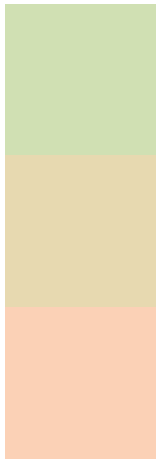


This preview shows how white text looks on a background with the Yxy color 69.9759, 0.3309, 0.3809.

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

69.9759, 0.3309, 0.3809

Protanopia

69.7492, 0.3519, 0.3741

Deuteranopia

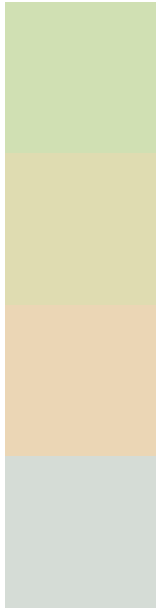
69.4876, 0.3653, 0.3574



Tritanopia

70.1652, 0.3009, 0.3105

Trichromacy



Original Color

69.9759, 0.3309, 0.3809

Protanomaly

70.0487, 0.3443, 0.3771

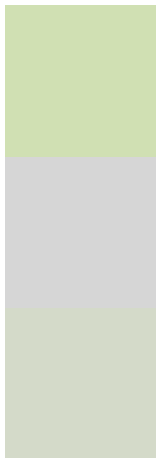
Deuteranomaly

69.0915, 0.3521, 0.3650

Tritanomaly

70.1876, 0.3117, 0.3357

Monochromacy



Original Color

69.9759, 0.3309, 0.3809

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.3569, 0.3198, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9759, 0.3309, 0.3809 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(208, 224, 179)` looks like.

```
.text, #text, p{  
    color:rgb(208, 224, 179)  
}
```

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(208, 224, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 224, 179) }
```

Border

The CSS property to change the border of an element to Yxy 69.9759, 0.3309, 0.3809 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(208, 224, 179) }
```

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

```
.border{ border-color:rgb(208, 224, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 224, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 224, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 224, 179);  
box-shadow:4px 4px 4px 4px rgb(208, 224,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9759, 0.3309, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 224, 179) }
```

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

```
.background{ background-color: rgb(208,  
224, 179) }
```

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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