

Converting Colors

Yxy(78.9209, 0.3107, 0.3663)

Have a look what the booklet for
Yxy(78.9209, 0.3107, 0.3663)
contains.

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Color

Yxy(79.1199, 0.3109, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	CDEFCD
RGB	205, 239, 205
RGB Percent	80%, 94%, 80%
CMY	0.1962, 0.0627, 0.1959
CMYK	0.14, 0.00, 0.14, 0.06
HSL	120°, 52%, 87%
HSV	120°, 14%, 94%
XYZ	67.0621, 79.1199, 69.5211
YIQ	224.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

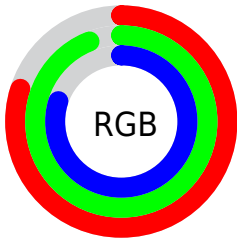
Format	Color
RYB	205, 239, 239
Decimal	13496269
CIELab	91.29, -17.32, 12.76
CIELCh	91, 21.517, 143.626
Yxy	79.1199, 0.3109, 0.3668
Android (android.graphics.Color)	4291686349 (0xFFCDEFCD)
YUV	224.9580, -9.8393, -17.5032
Hunter-Lab	88.9494, -21.0839, 15.9246

Details

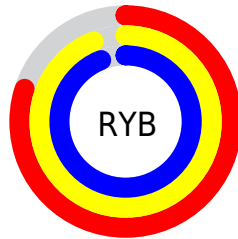
The Yxy color **79.1199, 0.3109, 0.3668** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.2329, 0.3144, 0.2939**, and the grayscale version is **75.3416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5854, 0.3097, 0.3758** is the 20% darker color. If you saturate the color by 10%, you get **74.9144, 0.3094, 0.3976**, and if you desaturate by 10%, it is **84.0269, 0.3122, 0.3395**.

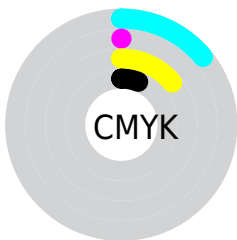
Distribution



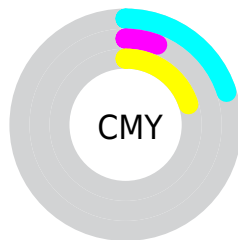
- Red (80%)
- Green (94%)
- Blue (80%)



- Red (80%)
- Yellow (94%)
- Blue (94%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)





- Cyan (20%)
- Magenta (6%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.1199, 0.3109, 0.3668 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 79.1199, 0.3109, 0.3668 by changing the saturation by 10% instead.

 79.1199, 0.3109,
0.3668

 79.1199, 0.3109,
0.3668


491.9619, 0.3120,
0.3491

 58.9944, 0.3106,
0.3709


132.1276, 0.3113,
0.3606

 42.6086, 0.3102,
0.3760

165.7787, 0.3115,
0.3582

 29.5781, 0.3097,
0.3824

204.7070, 0.3116,
0.3562

 19.5186, 0.3089,
0.3910

249.2970, 0.3117,
0.3544

 12.0456, 0.3077,
0.4027

299.9331, 0.3118,
0.3528

 6.7747, 0.3057,
0.4199

356.9997, 0.3118,

 3.3216, 0.3019,

0.3514

0.4473

420.8811, 0.3119,
0.3502

■ 1.3019, 0.3017,
0.5135

■ 0.1426, 0.0000,
1.0000

■ 79.1199, 0.3109,
0.3668

■ 79.1199, 0.3109,
0.3668

■ 74.9144, 0.3094,
0.3976

■ 84.0269, 0.3122,
0.3395

■ 71.3690, 0.3078,
0.4314

■ 89.6548, 0.3134,
0.3157

■ 68.4531, 0.3061,
0.4672

■ 90.2173, 0.3134,
0.3136

■ 66.1300, 0.3044,
0.5031

■ 64.3591, 0.3029,
0.5365

■ 63.0946, 0.3016,
0.5647

■ 62.2835, 0.3006,
0.5850

■ 61.8611, 0.3001,
0.5965

■ 61.7383, 0.3000,
0.5999

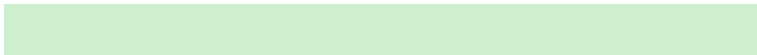
Harmonies

Analogous

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



79.1199, 0.3358, 0.3739



79.1199, 0.3109, 0.3668



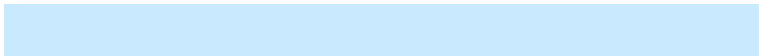
79.1199, 0.2871, 0.3482

Triad

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



79.1199, 0.3109, 0.3668



79.1199, 0.2714, 0.2901



79.1199, 0.3566, 0.3310

Complementary

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



79.1199, 0.3109, 0.3668



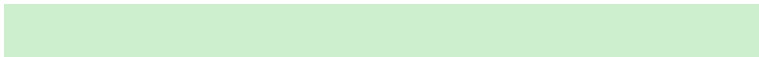
68.2329, 0.3144, 0.2939

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.



79.1199, 0.3380, 0.3106



79.1199, 0.3109, 0.3668



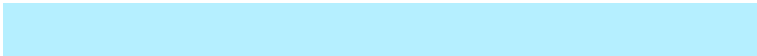
79.1199, 0.2887, 0.2874

Square

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



79.1199, 0.3109, 0.3668



79.1199, 0.2650, 0.3032



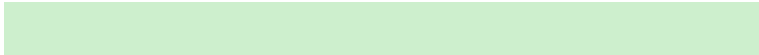
79.1199, 0.3130, 0.2949



79.1199, 0.3629, 0.3519

Rectangle

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



79.1199, 0.3109, 0.3668



79.1199, 0.2750, 0.3324



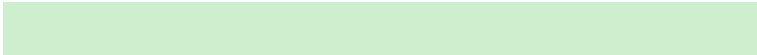
79.1199, 0.3130, 0.2949



79.1199, 0.3516, 0.3239

Sweetspot

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



79.1233, 0.3109, 0.3668



97.4781, 0.3122, 0.3389



84.4961, 0.3341, 0.3643



20.7661, 0.3121, 0.3409



0.0000, 0.0000, 0.0000



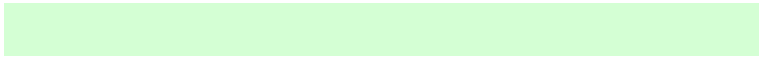
21.4041, 0.3127, 0.3290

Same Dimension

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



79.1233, 0.3109, 0.3668



90.2051, 0.3105, 0.3751



79.9869, 0.3008, 0.3476



17.6569, 0.3115, 0.3534



34.1158, 0.3000, 0.5999



2.8383, 0.2999, 0.5996

Inverse Universe

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



68.2329, 0.3144, 0.2939



75.3868, 0.3148, 0.2868



67.2779, 0.3265, 0.3111



16.0309, 0.3138, 0.3058



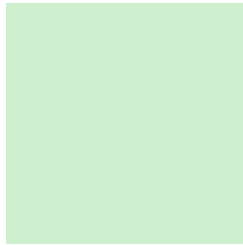
13.5703, 0.3214, 0.1544



1.1291, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 79.1199, 0.3109, 0.3668 looks on a white background.

Color Contrast Check

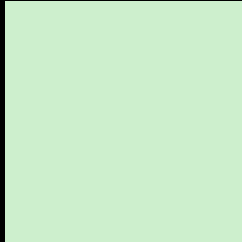
Large Text (above 18pt) WCAG AA × Fail

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 79.1199, 0.3109, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

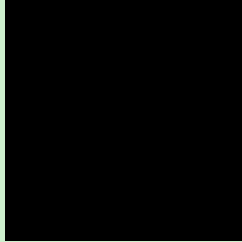
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

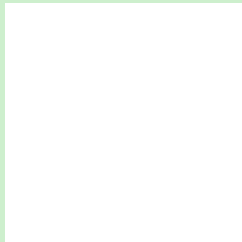
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1199, 0.3109, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 79.1199, 0.3109, 0.3668.

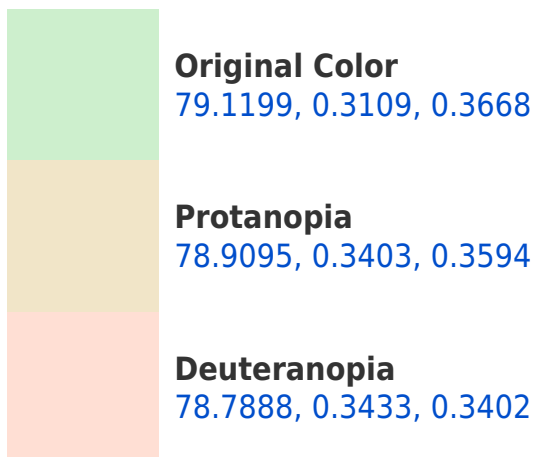


This preview shows how white text looks on a background with the Yxy color 79.1199, 0.3109, 0.3668.

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

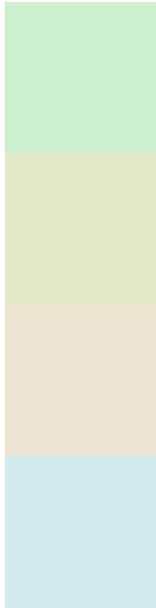




Tritanopia

78.8244, 0.2889, 0.3090

Trichromacy



Original Color

79.1199, 0.3109, 0.3668

Protanomaly

79.0361, 0.3291, 0.3623

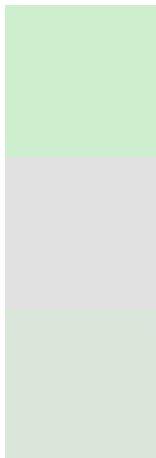
Deuteranomaly

78.6466, 0.3314, 0.3500

Tritanomaly

79.0588, 0.2970, 0.3300

Monochromacy



Original Color

79.1199, 0.3109, 0.3668

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.5610, 0.3121, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1199, 0.3109, 0.3668 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(205, 239, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 239, 205)  
}
```

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(205, 239, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 239, 205) }
```

Border

The CSS property to change the border of an element to Yxy 79.1199, 0.3109, 0.3668 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(205, 239, 205) }
```

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

```
.border{ border-color:rgb(205, 239, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 239, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 239, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 239, 205);  
box-shadow:4px 4px 4px 4px rgb(205, 239,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1199, 0.3109, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 239, 205) }
```

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

```
.background{ background-color: rgb(205,  
239, 205) }
```

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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