

Converting Colors

$Yxy(79.7960, 0.3099, 0.3610)$

Have a look what the booklet for
Yxy(79.7960, 0.3099, 0.3610)
contains.

Yxy(79.7960, 0.3099, 0.3610)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.7960, 0.3099, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	D0EFD2
RGB	208, 239, 210
RGB Percent	82%, 94%, 82%
CMY	0.1845, 0.0627, 0.1766
CMYK	0.13, 0.00, 0.12, 0.06
HSL	124°, 49%, 88%
HSV	124°, 13%, 94%
XYZ	68.5008, 79.7960, 72.7448
YIQ	226.4250, -9.1670, -15.5910

Conversions

Conversions Part 2

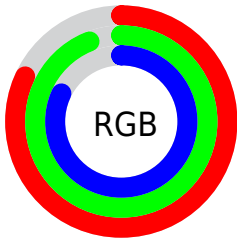
Format	Color
R _Y B	208, 237, 239
Decimal	13692882
CIE Lab	91.59, -15.48, 10.66
CIE LCh	92, 18.796, 145.432
Yxy	79.7960, 0.3099, 0.3610
Android (android.graphics.Color)	4291882962 (0xFFD0EFD2)
YUV	226.4250, -8.0975, -16.1587
Hunter-Lab	89.3286, -19.4441, 14.2472

Details

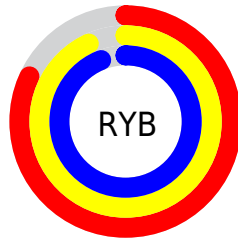
The Yxy color **79.7960, 0.3099, 0.3610** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.5625, 0.3156, 0.2990**, and the grayscale version is **76.4378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0396, 0.3084, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **75.5553, 0.3076, 0.3894**, and if you desaturate by 10%, it is **84.7211, 0.3121, 0.3359**.

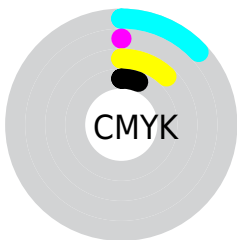
Distribution



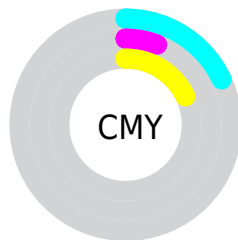
- Red (82%)
- Green (94%)
- Blue (82%)



- Red (82%)
- Yellow (93%)
- Blue (94%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (6%)



- Cyan (18%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7960, 0.3099, 0.3610 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 79.7960, 0.3099, 0.3610 by changing the saturation by 10% instead.

■ 79.7960, 0.3099,
0.3610

■ 79.7960, 0.3099,
0.3610

494.2451, 0.3113,
0.3461

■ 59.5505, 0.3095,
0.3644

133.0789, 0.3104,
0.3558

■ 43.0564, 0.3091,
0.3687

166.8850, 0.3106,
0.3538

■ 29.9294, 0.3084,
0.3741

205.9802, 0.3108,
0.3521

■ 19.7850, 0.3076,
0.3812

250.7488, 0.3109,
0.3506

■ 12.2389, 0.3063,
0.3909

301.5752, 0.3111,
0.3492

■ 6.9066, 0.3043,
0.4051

358.8438, 0.3112,

■ 3.4037, 0.3008,

0.3481

0.4277

422.9389, 0.3113,
0.3470

■ 1.3460, 0.2965,
0.4740

■ 0.1764, 0.0000,
1.0000

■ 79.7960, 0.3099,
0.3610

■ 79.7960, 0.3099,
0.3610

■ 75.5553, 0.3076,
0.3894

■ 84.7211, 0.3121,
0.3359

■ 71.9592, 0.3053,
0.4207

■ 90.2027, 0.3136,
0.3139

■ 68.9792, 0.3031,
0.4543

■ 90.2231, 0.3134,
0.3137

■ 66.5807, 0.3011,
0.4887

■ 64.7255, 0.2996,
0.5219

■ 63.3712, 0.2986,
0.5514

■ 62.4689, 0.2984,
0.5749

■ 61.9596, 0.2988,
0.5905

■ 61.7789, 0.2991,
0.5969

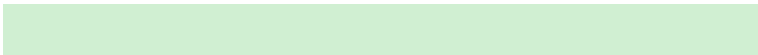
Harmonies

Analogous

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



79.7960, 0.3317, 0.3679



79.7960, 0.3099, 0.3610



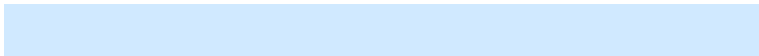
79.7960, 0.2894, 0.3445

Triad

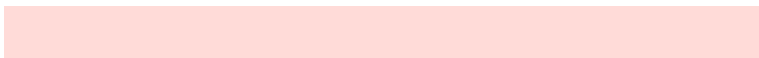
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7960, 0.3099, 0.3610



79.7960, 0.2773, 0.2946



79.7960, 0.3516, 0.3321

Complementary

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



79.7960, 0.3099, 0.3610



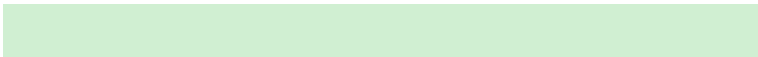
69.5625, 0.3156, 0.2990

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.



79.7960, 0.3360, 0.3139



79.7960, 0.3099, 0.3610



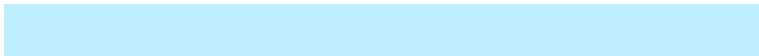
79.7960, 0.2929, 0.2927

Square

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



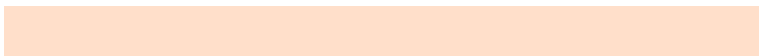
79.7960, 0.3099, 0.3610



79.7960, 0.2710, 0.3057



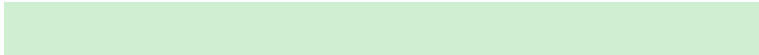
79.7960, 0.3144, 0.2997



79.7960, 0.3563, 0.3501

Rectangle

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



79.7960, 0.3099, 0.3610



79.7960, 0.2790, 0.3308



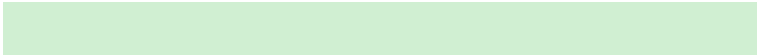
79.7960, 0.3144, 0.2997



79.7960, 0.3474, 0.3258

Sweetspot

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



79.7994, 0.3099, 0.3610



97.5172, 0.3119, 0.3383



84.3800, 0.3311, 0.3613



20.7759, 0.3117, 0.3401



0.0000, 0.0000, 0.0000



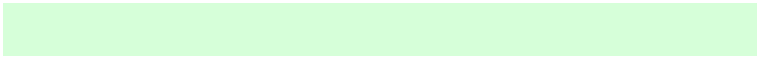
21.4041, 0.3127, 0.3290

Same Dimension

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



79.7994, 0.3099, 0.3610



90.8476, 0.3092, 0.3694



80.5863, 0.3009, 0.3441



17.6730, 0.3107, 0.3518



34.1413, 0.2989, 0.5959



2.8460, 0.2959, 0.5853

Inverse Universe

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



69.5625, 0.3156, 0.2990



76.5056, 0.3163, 0.2917



68.7181, 0.3263, 0.3143



16.0127, 0.3148, 0.3072



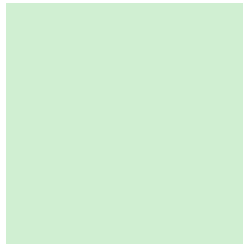
13.1091, 0.3378, 0.1635



1.0958, 0.3354, 0.1621

Previews

White Background



This preview shows how the Yxy color 79.7960, 0.3099, 0.3610 looks on a white background.

Color Contrast Check

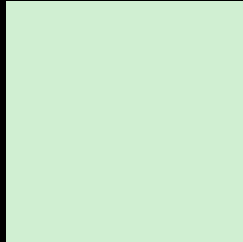
Large Text (above 18pt) WCAG AA × Fail

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 79.7960, 0.3099, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

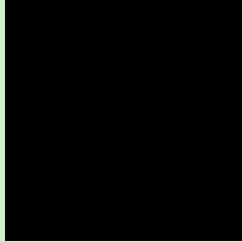
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

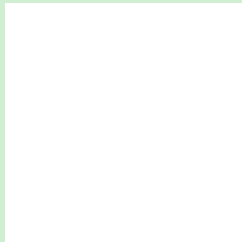
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7960, 0.3099, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 79.7960, 0.3099, 0.3610.

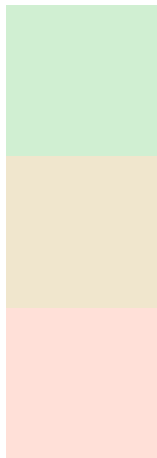


This preview shows how white text looks on a background with the Yxy color 79.7960, 0.3099, 0.3610.

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

79.7960, 0.3099, 0.3610

Protanopia

79.5267, 0.3361, 0.3552

Deuteranopia

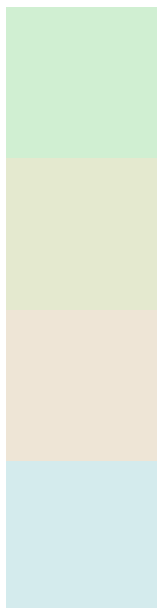
79.5292, 0.3404, 0.3371



Tritanopia

79.7532, 0.2896, 0.3091

Trichromacy



Original Color

79.7960, 0.3099, 0.3610

Protanomaly

79.2768, 0.3258, 0.3568

Deuteranomaly

79.0708, 0.3288, 0.3447

Tritanomaly

79.5281, 0.2965, 0.3268

Monochromacy



Original Color

79.7960, 0.3099, 0.3610

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.3792, 0.3115, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7960, 0.3099, 0.3610 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, 239, 210)` looks like.

```
.text, #text, p{  
    color:rgb(208, 239, 210)  
}
```

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, 239, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 239, 210) }
```

Border

The CSS property to change the border of an element to Yxy 79.7960, 0.3099, 0.3610 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, 239, 210) }
```

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

```
.border{ border-color:rgb(208, 239, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 239, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 239, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 239, 210);  
box-shadow:4px 4px 4px 4px rgb(208, 239,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7960, 0.3099, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 239, 210) }
```

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

```
.background{ background-color: rgb(208,  
239, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor