

Converting Colors

$Yxy(79.6799, 0.3097, 0.3827)$

Have a look what the booklet for
Yxy(79.6799, 0.3097, 0.3827)
contains.

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Color

Yxy(79.6888, 0.3096, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	C3F3C4
RGB	195, 243, 196
RGB Percent	76%, 95%, 77%
CMY	0.2353, 0.0470, 0.2315
CMYK	0.20, 0.00, 0.19, 0.05
HSL	121°, 67%, 86%
HSV	121°, 20%, 95%
XYZ	64.5179, 79.6888, 64.1845
YIQ	223.2900, -13.5210, -24.7930

Conversions

Conversions Part 2

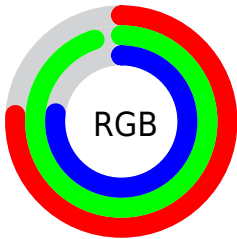
Format	Color
R _Y B	195, 242, 243
Decimal	12841924
CIE Lab	91.55, -24.13, 17.73
CIE LCh	92, 29.944, 143.699
Yxy	79.6888, 0.3096, 0.3824
Android (android.graphics.Color)	4291032004 (0xFFC3F3C4)
YUV	223.2900, -13.4540, -24.8103
Hunter-Lab	89.2686, -27.2110, 19.8582

Details

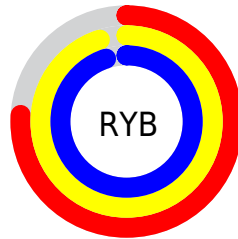
The Yxy color **79.6888, 0.3096, 0.3824** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.5028, 0.3157, 0.2808**, and the grayscale version is **74.1145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3073, 0.3120, 0.3309**, and **43.1564, 0.3088, 0.3961** is the 20% darker color. If you saturate the color by 10%, you get **75.7145, 0.3078, 0.4144**, and if you desaturate by 10%, it is **84.3687, 0.3113, 0.3537**.

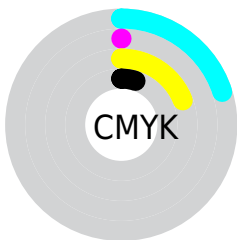
Distribution



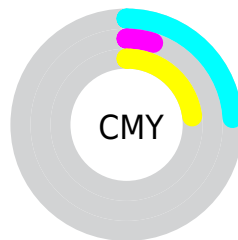
- Red (76%)
- Green (95%)
- Blue (77%)



- Red (76%)
- Yellow (95%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)





- Cyan (24%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.6888, 0.3096, 0.3824 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 79.6888, 0.3096, 0.3824 by changing the saturation by 10% instead.


 79.6888, 0.3096,
0.3824

 79.6888, 0.3096,
0.3824


493.8835, 0.3115,
0.3572

 59.4623, 0.3091,
0.3883

 132.9281, 0.3103,
0.3736

 42.9854, 0.3084,
0.3956


166.7097, 0.3106,
0.3702

 29.8736, 0.3074,
0.4049


205.7785, 0.3108,
0.3672

 19.7427, 0.3059,
0.4173

250.5188, 0.3110,
0.3647

 12.2082, 0.3037,
0.4343

301.3150, 0.3111,
0.3625

 6.8856, 0.2998,
0.4594

358.5516, 0.3113,

 3.3907, 0.2924,

0.3605

422.6130, 0.3114,
0.3588

0.4994

1.3389, 0.2956,
0.6325

0.1710, 0.0000,
1.0000

79.6888, 0.3096,
0.3824

79.6888, 0.3096,
0.3824

75.7145, 0.3078,
0.4144

84.3687, 0.3113,
0.3537

72.4022, 0.3060,
0.4489

89.7754, 0.3128,
0.3284

69.7189, 0.3042,
0.4846

92.5852, 0.3133,
0.3175

67.6248, 0.3025,
0.5192

■ 66.0757, 0.3012,
0.5502

■ 65.0209, 0.3003,
0.5747

■ 64.4006, 0.2999,
0.5910

■ 64.1210, 0.2998,
0.5990

■ 64.1158, 0.2998,
0.5991

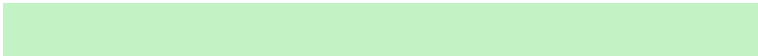
Harmonies

Analogous

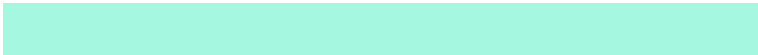
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6888, 0.3442, 0.3918



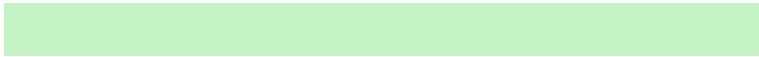
79.6888, 0.3096, 0.3824



79.6888, 0.2771, 0.3558

Triad

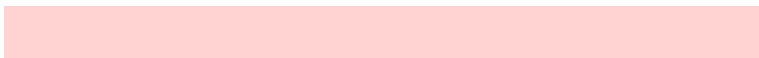
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6888, 0.3096, 0.3824



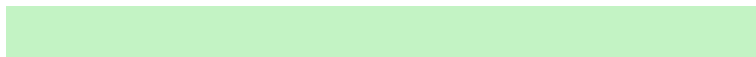
79.6888, 0.2562, 0.2753



79.6888, 0.3740, 0.3312

Complementary

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



79.6888, 0.3096, 0.3824



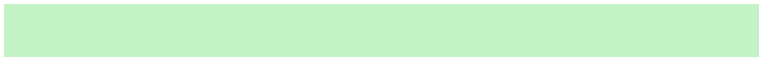
64.5028, 0.3157, 0.2808

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.



79.6888, 0.3478, 0.3036



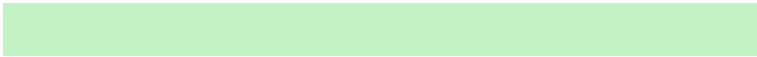
79.6888, 0.3096, 0.3824



79.6888, 0.2794, 0.2722

Square

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



79.6888, 0.3096, 0.3824



79.6888, 0.2474, 0.2926



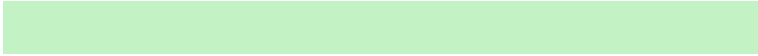
79.6888, 0.3128, 0.2826



79.6888, 0.3826, 0.3597

Rectangle

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



79.6888, 0.3096, 0.3824



79.6888, 0.2607, 0.3332



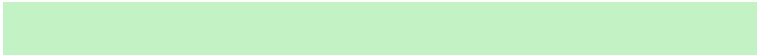
79.6888, 0.3128, 0.2826



79.6888, 0.3669, 0.3216

Sweetspot

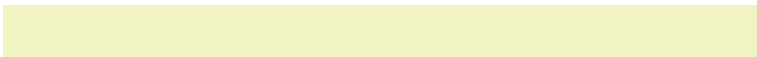
The Sweet Spot groups the original color and five complimentary colors.



79.6922, 0.3096, 0.3824



96.2844, 0.3118, 0.3438



86.9594, 0.3420, 0.3784



20.5261, 0.3117, 0.3455



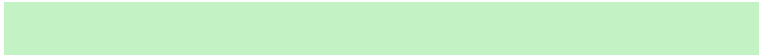
0.0000, 0.0000, 0.0000



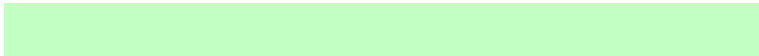
21.4041, 0.3127, 0.3290

Same Dimension

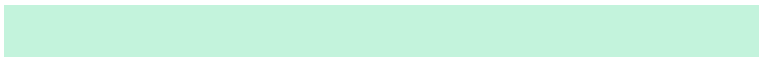
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6922, 0.3096, 0.3824



86.9041, 0.3088, 0.3958



80.8653, 0.2959, 0.3548



18.4774, 0.3113, 0.3530



35.1892, 0.2997, 0.5988



3.0946, 0.2988, 0.5955

Inverse Universe

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



64.5028, 0.3157, 0.2808



66.8960, 0.3164, 0.2702



63.1620, 0.3336, 0.3046



16.7622, 0.3141, 0.3061



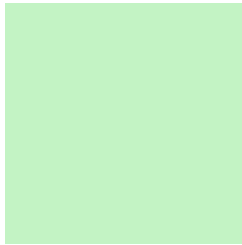
13.8530, 0.3260, 0.1569



1.2193, 0.3253, 0.1566

Previews

White Background



This preview shows how the Yxy color 79.6888, 0.3096, 0.3824 looks on a white background.

Color Contrast Check

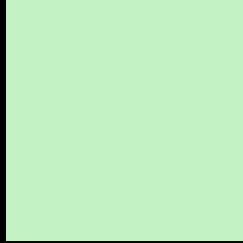
Large Text (above 18pt) WCAG AA × Fail

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 79.6888, 0.3096, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

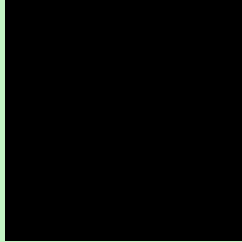
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

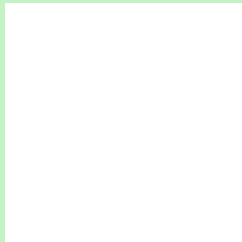
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6888, 0.3096, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 79.6888, 0.3096, 0.3824.

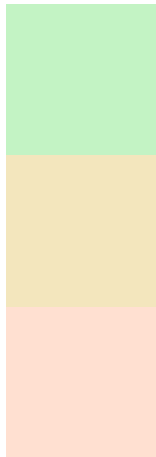


This preview shows how white text looks on a background with the Yxy color 79.6888, 0.3096, 0.3824.

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

79.6888, 0.3096, 0.3824

Protanopia

79.3224, 0.3490, 0.3719

Deuteranopia

79.1748, 0.3452, 0.3442



Tritanopia

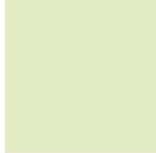
79.5516, 0.2825, 0.3088

Trichromacy



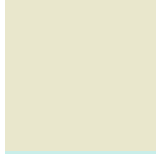
Original Color

79.6888, 0.3096, 0.3824



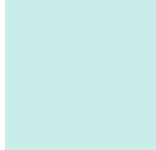
Protanomaly

79.3912, 0.3338, 0.3755



Deuteranomaly

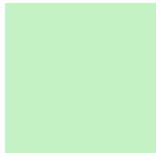
78.8351, 0.3316, 0.3577



Tritanomaly

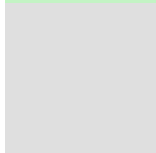
79.4498, 0.2920, 0.3344

Monochromacy



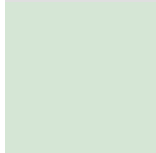
Original Color

79.6888, 0.3096, 0.3824



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

75.5439, 0.3118, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6888, 0.3096, 0.3824 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(195, 243, 196)` looks like.

```
.text, #text, p{  
    color:rgb(195, 243, 196)  
}
```

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(195, 243, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 243, 196) }
```

Border

The CSS property to change the border of an element to Yxy 79.6888, 0.3096, 0.3824 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(195, 243, 196) }
```

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

```
.border{ border-color:rgb(195, 243, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 243, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 243, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 243, 196);  
box-shadow:4px 4px 4px 4px rgb(195, 243,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6888, 0.3096, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 243, 196) }
```

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

```
.background{ background-color: rgb(195,  
243, 196) }
```

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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