

Converting Colors

$Yxy(81.1349, 0.3054, 0.3663)$

Have a look what the booklet for
Yxy(81.1349, 0.3054, 0.3663)
contains.

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Color

Yxy(81.1221, 0.3058, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	C9F3D1
RGB	201, 243, 209
RGB Percent	79%, 95%, 82%
CMY	0.2120, 0.0470, 0.1804
CMYK	0.17, 0.00, 0.14, 0.05
HSL	131°, 64%, 87%
HSV	131°, 17%, 95%
XYZ	67.6312, 81.1221, 72.4083
YIQ	226.5660, -14.1180, -19.4780

Conversions

Conversions Part 2

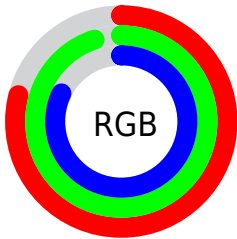
Format	Color
R _Y B	201, 236, 243
Decimal	13235153
CIE Lab	92.19, -19.94, 11.96
CIE LCh	92, 23.248, 149.049
Yxy	81.1221, 0.3058, 0.3668
Android (android.graphics.Color)	4291425233 (0xFFC9F3D1)
YUV	226.5660, -8.6600, -22.4214
Hunter-Lab	90.0678, -23.5844, 15.3824

Details

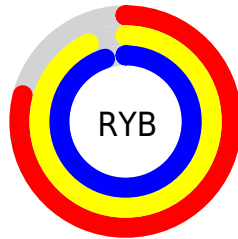
The Yxy color **81.1221, 0.3058, 0.3668** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.7952, 0.3205, 0.2939**, and the grayscale version is **76.5487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1102, 0.3041, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **77.1072, 0.3019, 0.3923**, and if you desaturate by 10%, it is **85.7966, 0.3098, 0.3440**.

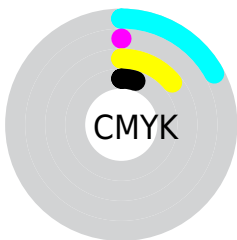
Distribution



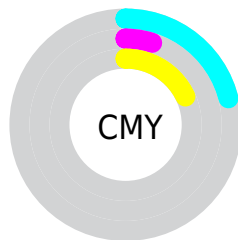
- Red (79%)
- Green (95%)
- Blue (82%)



- Red (79%)
- Yellow (93%)
- Blue (95%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)





- Cyan (21%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1221, 0.3058, 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 81.1221, 0.3058, 0.3668 by changing the saturation by 10% instead.

 81.1221, 0.3058,
0.3668

 81.1221, 0.3058,
0.3668


498.7064, 0.3092,
0.3492

 60.6422, 0.3050,
0.3709


134.9422, 0.3070,
0.3607

 43.9364, 0.3040,
0.3759


169.0512, 0.3075,
0.3583

 30.6205, 0.3026,
0.3823


208.4719, 0.3079,
0.3562

 20.3101, 0.3008,
0.3908

253.5888, 0.3082,
0.3544

 12.6206, 0.2983,
0.4023

304.7864, 0.3085,
0.3529

 7.1678, 0.2944,
0.4192


362.4489, 0.3087,


 3.5673, 0.2878,


0.3515


0.4460


426.9607, 0.3090,
0.3503

 1.4346, 0.2779,
0.5011


 0.2420, 0.0000,
1.0000


 81.1221, 0.3058,
0.3668


 81.1221, 0.3058,
0.3668

 77.1072, 0.3019,
0.3923


 85.7966, 0.3098,
0.3440

 73.7123, 0.2982,
0.4204

 91.1480, 0.3138,
0.3239

 70.9093, 0.2951,
0.4502

 92.5947, 0.3133,
0.3175

 68.6636, 0.2927,
0.4810

■ 66.9372, 0.2914,
0.5110

■ 65.6874, 0.2914,
0.5387

■ 64.8640, 0.2926,
0.5620

■ 64.4030, 0.2949,
0.5797

■ 64.3163, 0.2954,
0.5835

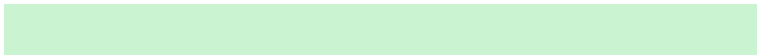
Harmonies

Analogous

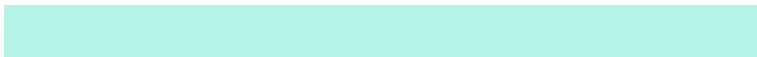
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1221, 0.3328, 0.3769



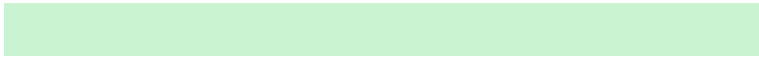
81.1221, 0.3058, 0.3668



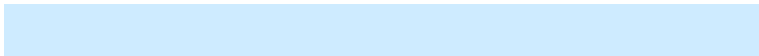
81.1221, 0.2814, 0.3451

Triad

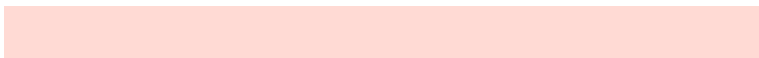
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1221, 0.3058, 0.3668



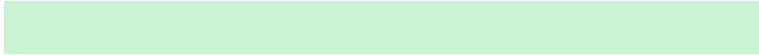
81.1221, 0.2711, 0.2860



81.1221, 0.3621, 0.3352

Complementary

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



81.1221, 0.3058, 0.3668



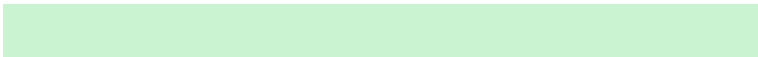
66.7952, 0.3205, 0.2939

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.



81.1221, 0.3442, 0.3129



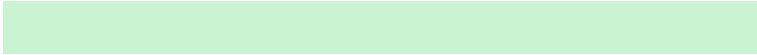
81.1221, 0.3058, 0.3668



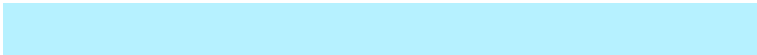
81.1221, 0.2913, 0.2852

Square

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



81.1221, 0.3058, 0.3668



81.1221, 0.2620, 0.2980



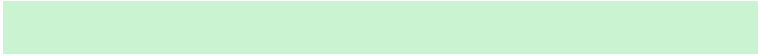
81.1221, 0.3179, 0.2950



81.1221, 0.3661, 0.3570

Rectangle

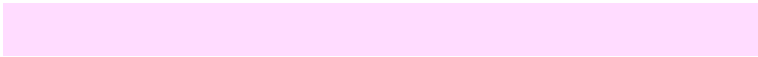
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1221, 0.3058, 0.3668



81.1221, 0.2697, 0.3279



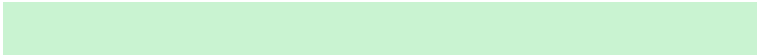
81.1221, 0.3179, 0.2950



81.1221, 0.3575, 0.3276

Sweetspot

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



81.1255, 0.3058, 0.3668



97.0153, 0.3107, 0.3391



86.0427, 0.3335, 0.3729



20.6788, 0.3105, 0.3406



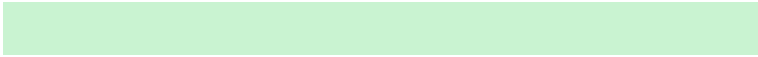
0.0000, 0.0000, 0.0000



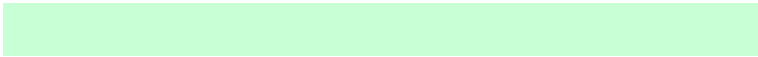
21.4041, 0.3127, 0.3290

Same Dimension

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



81.1255, 0.3058, 0.3668



88.7386, 0.3043, 0.3760



82.2185, 0.2939, 0.3435



18.5239, 0.3089, 0.3487



35.3063, 0.2948, 0.5814



3.1168, 0.2889, 0.5601

Inverse Universe

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



66.7952, 0.3205, 0.2939



69.8204, 0.3224, 0.2861



65.6676, 0.3359, 0.3150



16.7107, 0.3167, 0.3101



12.6760, 0.3762, 0.1846



1.1278, 0.3680, 0.1801

Previews

White Background



This preview shows how the Yxy color 81.1221, 0.3058, 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 81.1221, 0.3058, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

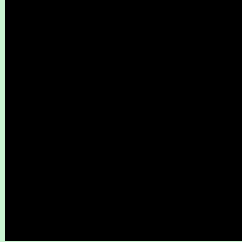
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

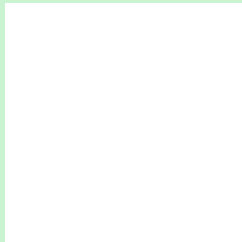
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1221, 0.3058, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 81.1221, 0.3058, 0.3668.

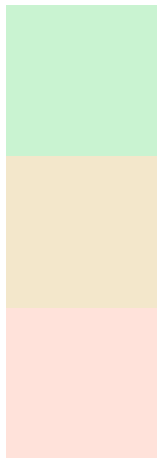


This preview shows how white text looks on a background with the Yxy color 81.1221, 0.3058, 0.3668.

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



Original Color

81.1221, 0.3058, 0.3668

Protanopia

80.5183, 0.3394, 0.3581

Deuteranopia

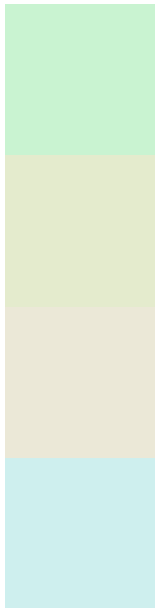
80.7147, 0.3387, 0.3371



Tritanopia

80.7662, 0.2844, 0.3090

Trichromacy



Original Color

81.1221, 0.3058, 0.3668

Protanomaly

80.3184, 0.3269, 0.3610

Deuteranomaly

80.2817, 0.3257, 0.3468

Tritanomaly

81.0279, 0.2922, 0.3300

Monochromacy



Original Color

81.1221, 0.3058, 0.3668

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

78.3506, 0.3107, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1221, 0.3058, 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(201, 243, 209)` looks like.

```
.text, #text, p{  
    color:rgb(201, 243, 209)  
}
```

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(201, 243, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 243, 209) }
```

Border

The CSS property to change the border of an element to Yxy 81.1221, 0.3058, 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(201, 243, 209) }
```

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

```
.border{ border-color:rgb(201, 243, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 243, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 243, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 243, 209);  
box-shadow:4px 4px 4px 4px rgb(201, 243,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1221, 0.3058, 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(201, 243, 209) }
```

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

```
.background{ background-color: rgb(201,  
243, 209) }
```

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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