

Converting Colors

$Yxy(81.1060, 0.3269, 0.4077)$

Have a look what the booklet for
Yxy(81.1060, 0.3269, 0.4077)
contains.

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Color

Yxy(81.0965, 0.3269, 0.4077)

Conversions

Conversions Part 1

Format	Color
Hex	CBF5AF
RGB	203, 245, 175
RGB Percent	80%, 96%, 69%
CMY	0.2038, 0.0392, 0.3137
CMYK	0.17, 0.00, 0.29, 0.04
HSL	96°, 78%, 82%
HSV	96°, 29%, 96%
XYZ	65.0244, 81.0965, 52.7913
YIQ	224.4620, -2.5620, -30.6740

Conversions

Conversions Part 2

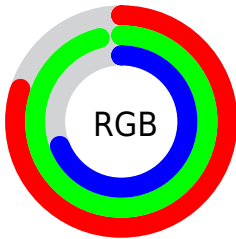
Format	Color
RYB	175, 245, 217
Decimal	13366703
CIELab	92.17, -25.70, 29.39
CIELCh	92, 39.040, 131.168
Yxy	81.0965, 0.3269, 0.4077
Android (android.graphics.Color)	4291556783 (0xFFCBF5AF)
YUV	224.4620, -24.3848, -18.8222
Hunter-Lab	90.0536, -28.7055, 28.2805

Details

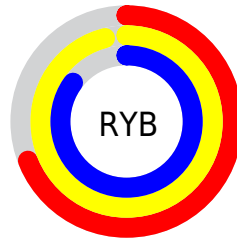
The Yxy color **81.0965, 0.3269, 0.4077** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.0102, 0.2938, 0.2529**, and the grayscale version is **75.0739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **44.0962, 0.3289, 0.4275** is the 20% darker color. If you saturate the color by 10%, you get **78.2561, 0.3309, 0.4388**, and if you desaturate by 10%, it is **84.3141, 0.3222, 0.3781**.

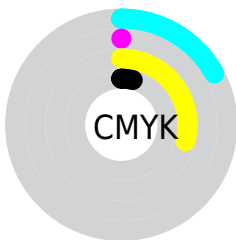
Distribution



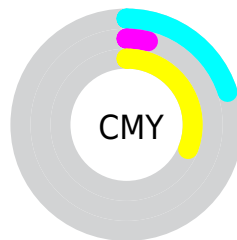
- Red (80%)
- Green (96%)
- Blue (69%)



- Red (69%)
- Yellow (96%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (4%)




- Cyan (20%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0965, 0.3269, 0.4077 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 81.0965, 0.3269, 0.4077 by changing the saturation by 10% instead.


 81.0965, 0.3269,
0.4077

 81.0965, 0.3269,
0.4077

498.6205, 0.3214,
0.3706

 60.6211, 0.3279,
0.4163


 134.9063, 0.3252,
0.3947

 43.9194, 0.3290,
0.4270


169.0094, 0.3245,
0.3897

 30.6072, 0.3301,
0.4406


208.4239, 0.3238,
0.3854

 20.2999, 0.3311,
0.4584

253.5341, 0.3232,
0.3816

 12.6132, 0.3317,
0.4826

304.7245, 0.3227,
0.3783

 7.1628, 0.3308,
0.5173

362.3794, 0.3222,

 3.5641, 0.3273,

0.3754

0.5732

426.8833, 0.3218,
0.3729

1.4328, 0.3133,
0.6867

0.2407, 0.0000,
1.0000

81.0965, 0.3269,
0.4077

81.0965, 0.3269,
0.4077

78.2561, 0.3309,
0.4388

84.3141, 0.3222,
0.3781

75.7677, 0.3339,
0.4703

87.9125, 0.3171,
0.3506

73.6186, 0.3355,
0.5009

91.9081, 0.3120,
0.3256

71.7914, 0.3353,
0.5286

93.7846, 0.3132,
0.3194

■ 70.2669, 0.3332,
0.5519

■ 69.0230, 0.3292,
0.5692

■ 68.0302, 0.3237,
0.5804

■ 67.9035, 0.3229,
0.5818

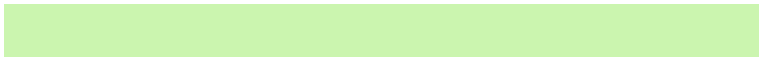
Harmonies

Analogous

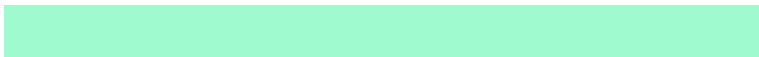
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0965, 0.3692, 0.4079



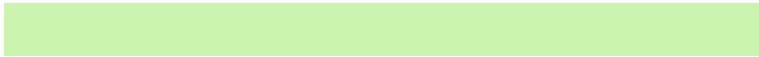
81.0965, 0.3269, 0.4077



81.0965, 0.2827, 0.3810

Triad

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



81.0965, 0.3269, 0.4077



81.0965, 0.2336, 0.2668



81.0965, 0.3804, 0.3158

Complementary

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



81.0965, 0.3269, 0.4077



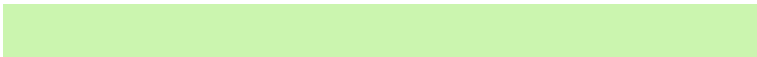
52.0102, 0.2938, 0.2529

Split Complementary

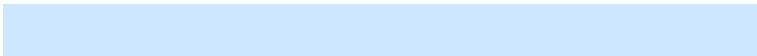
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0965, 0.3395, 0.2841



81.0965, 0.3269, 0.4077



81.0965, 0.2555, 0.2561

Square

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



81.0965, 0.3269, 0.4077



81.0965, 0.2309, 0.2954



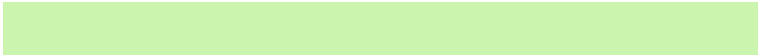
81.0965, 0.2934, 0.2628



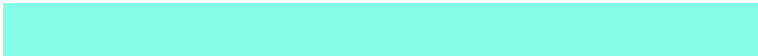
81.0965, 0.4021, 0.3522

Rectangle

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



81.0965, 0.3269, 0.4077



81.0965, 0.2580, 0.3529



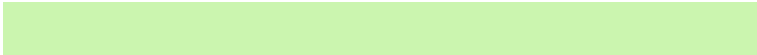
81.0965, 0.2934, 0.2628



81.0965, 0.3683, 0.3044

Sweetspot

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



81.1000, 0.3269, 0.4077



96.0910, 0.3174, 0.3518



71.5382, 0.3639, 0.3723



20.4393, 0.3181, 0.3557



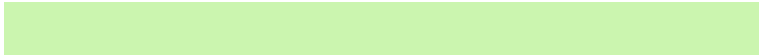
0.0000, 0.0000, 0.0000



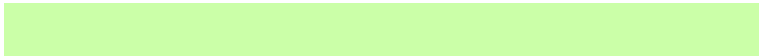
21.4041, 0.3127, 0.3290

Same Dimension

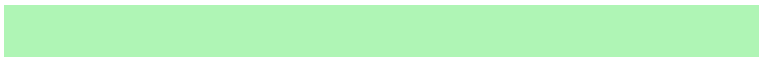
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1000, 0.3269, 0.4077



87.0541, 0.3292, 0.4247



77.7506, 0.3056, 0.4050



18.7956, 0.3176, 0.3530



36.6565, 0.3241, 0.5809



3.2798, 0.3338, 0.5731

Inverse Universe

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



52.0102, 0.2938, 0.2529



50.5995, 0.2892, 0.2371



56.3211, 0.3206, 0.2632



16.4183, 0.3074, 0.3052



6.9740, 0.2231, 0.1003



0.6726, 0.2351, 0.1069

Previews

White Background



This preview shows how the Yxy color 81.0965, 0.3269, 0.4077 looks on a white background.

Color Contrast Check

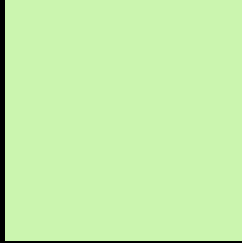
Large Text (above 18pt) WCAG AA × Fail

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 81.0965, 0.3269, 0.4077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

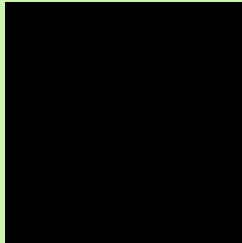
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

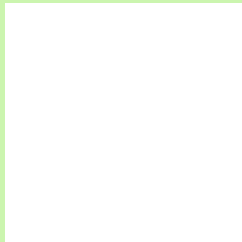
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0965, 0.3269, 0.4077

Background



This preview shows how black text looks on a background with the Yxy color 81.0965, 0.3269, 0.4077.

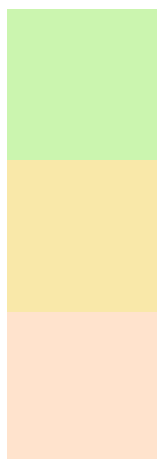


This preview shows how white text looks on a background with the Yxy color 81.0965, 0.3269, 0.4077.

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

81.0965, 0.3269, 0.4077

Protanopia

80.7175, 0.3663, 0.3938

Deuteranopia

80.6059, 0.3475, 0.3513



Tritanopia

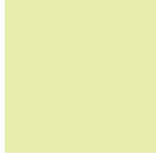
81.0195, 0.2886, 0.3092

Trichromacy



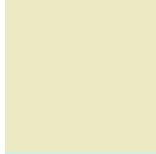
Original Color

81.0965, 0.3269, 0.4077



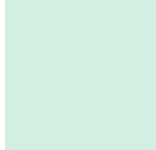
Protanomaly

80.6645, 0.3512, 0.3995



Deuteranomaly

80.5735, 0.3398, 0.3713



Tritanomaly

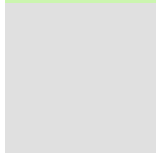
81.0181, 0.3029, 0.3441

Monochromacy



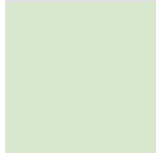
Original Color

81.0965, 0.3269, 0.4077



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

76.7684, 0.3182, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0965, 0.3269, 0.4077 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(203, 245, 175)` looks like.

```
.text, #text, p{  
    color:rgb(203, 245, 175)  
}
```

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(203, 245, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 245, 175) }
```

Border

The CSS property to change the border of an element to Yxy 81.0965, 0.3269, 0.4077 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(203, 245, 175) }
```

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

```
.border{ border-color:rgb(203, 245, 175) }
```

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

Here you see how a box with a 4 pixel rgb(203, 245, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 245, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 245, 175);  
box-shadow:4px 4px 4px 4px rgb(203, 245,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0965, 0.3269, 0.4077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 245, 175) }
```

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

```
.background{ background-color: rgb(203,  
245, 175) }
```

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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