

Converting Colors

Yxy(80.1486, 0.3138, 0.3807)

Have a look what the booklet for
Yxy(80.1486, 0.3138, 0.3807)
contains.

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Color

Yxy(80.0463, 0.3142, 0.3806)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CAF2C4 |
| RGB | 202, 242, 196 |
| RGB Percent | 79%, 95%, 77% |
| CMY | 0.2077, 0.0510, 0.2314 |
| CMYK | 0.17, 0.00, 0.19, 0.05 |
| HSL | 112°, 64%, 86% |
| HSV | 112°, 19%, 95% |
| XYZ | 66.0813, 80.0463, 64.1885 |
| YIQ | 224.7960, -9.0740, -22.7860 |

Conversions

Conversions Part 2

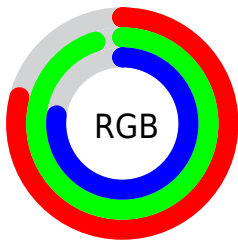
| Format | Color |
|-------------------------------------|--|
| RYB | 196, 242, 236 |
| Decimal | 13300420 |
| CIELab | 91.71, -21.30, 18.00 |
| CIELCh | 92, 27.890, 139.802 |
| Yxy | 80.0463, 0.3142, 0.3806 |
| Android (android.graphics.Color) | 4291490500 (0xFFCAF2C4) |
| YUV | 224.7960, -14.1964, -19.9921 |
| Hunter-Lab | 89.4686, -24.7303, 20.0909 |

Details

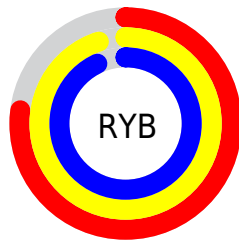
The Yxy color **80.0463, 0.3142, 0.3806** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.7121, 0.3104, 0.2811**, and the grayscale version is **75.2567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **43.2738, 0.3138, 0.3938** is the 20% darker color. If you saturate the color by 10%, you get **76.2994, 0.3146, 0.4122**, and if you desaturate by 10%, it is **84.3771, 0.3135, 0.3520**.

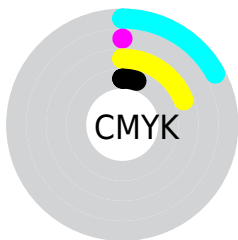
Distribution



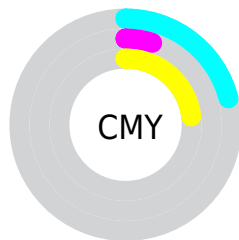
- Red (79%)
- Green (95%)
- Blue (77%)



- Red (77%)
- Yellow (95%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.0463, 0.3142, 0.3806 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 80.0463, 0.3142, 0.3806 by changing the saturation by 10% instead.

80.0463, 0.3142,
0.3806

80.0463, 0.3142,
0.3806

495.0889, 0.3139,
0.3563

59.7565, 0.3142,
0.3862

133.4308, 0.3142,
0.3721

43.2224, 0.3141,
0.3932

167.2943, 0.3142,
0.3688

30.0596, 0.3138,
0.4021

206.4511, 0.3141,
0.3660

19.8838, 0.3134,
0.4139

251.2856, 0.3141,
0.3636

12.3106, 0.3125,
0.4301

302.1823, 0.3140,
0.3614

6.9556, 0.3107,
0.4538


359.5254, 0.3140,


3.4344, 0.3064,


0.3595


0.4913


423.6995, 0.3140,
0.3579


 1.3625, 0.3196,
0.6119


 0.1888, 0.0000,
1.0000

 80.0463, 0.3142,
0.3806

 80.0463, 0.3142,
0.3806


 76.2994, 0.3146,
0.4122


 84.3771, 0.3135,
0.3520

 73.1016, 0.3146,
0.4460

 89.3045, 0.3126,
0.3266

 70.4300, 0.3140,
0.4809

 91.9815, 0.3133,
0.3165

 68.2561, 0.3129,
0.5148

■ 66.5487, 0.3110,
0.5455

■ 65.2729, 0.3086,
0.5704

■ 64.3889, 0.3059,
0.5876

■ 63.8453, 0.3031,
0.5970

■ 63.8058, 0.3029,
0.5977

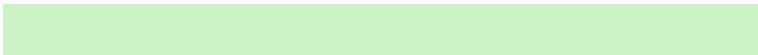
Harmonies

Analogous

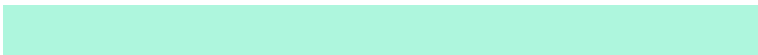
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0463, 0.3460, 0.3871



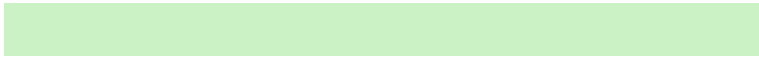
80.0463, 0.3142, 0.3806



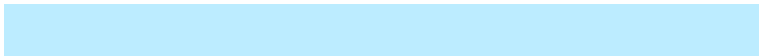
80.0463, 0.2831, 0.3577

Triad

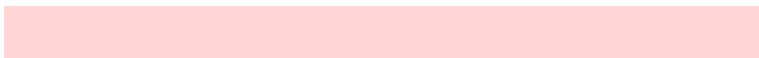
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0463, 0.3142, 0.3806



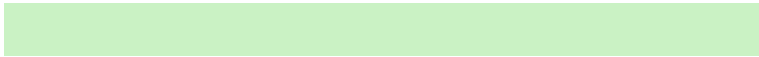
80.0463, 0.2580, 0.2803



80.0463, 0.3673, 0.3277

Complementary

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



80.0463, 0.3142, 0.3806



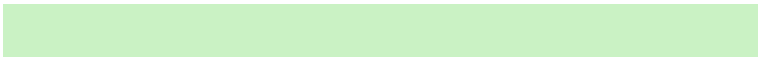
63.7121, 0.3104, 0.2811

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.



80.0463, 0.3414, 0.3024



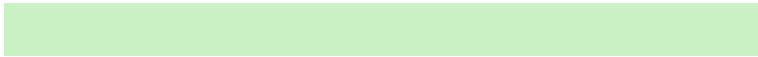
80.0463, 0.3142, 0.3806



80.0463, 0.2783, 0.2756

Square

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



80.0463, 0.3142, 0.3806



80.0463, 0.2518, 0.2983



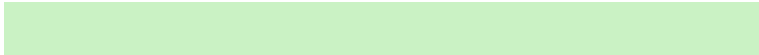
80.0463, 0.3085, 0.2837



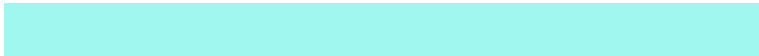
80.0463, 0.3777, 0.3545

Rectangle

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



80.0463, 0.3142, 0.3806



80.0463, 0.2668, 0.3372



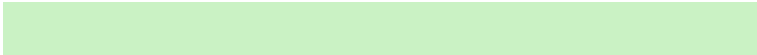
80.0463, 0.3085, 0.2837



80.0463, 0.3601, 0.3188

Sweetspot

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



80.0497, 0.3142, 0.3806



96.6198, 0.3133, 0.3441



82.7733, 0.3425, 0.3704



20.6051, 0.3133, 0.3458



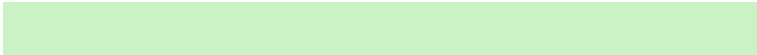
0.0000, 0.0000, 0.0000



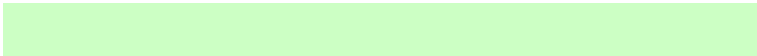
21.4041, 0.3127, 0.3290

Same Dimension

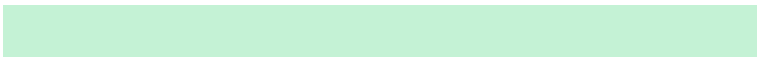
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0497, 0.3142, 0.3806



88.3678, 0.3144, 0.3931



80.0338, 0.3005, 0.3616



17.7560, 0.3135, 0.3533



34.3110, 0.3035, 0.5972



2.8857, 0.3101, 0.5920

Inverse Universe

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



63.7121, 0.3104, 0.2811



66.6843, 0.3097, 0.2706



63.7977, 0.3274, 0.2985



15.9198, 0.3117, 0.3056



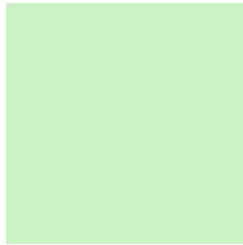
10.8614, 0.2879, 0.1360



0.9326, 0.2925, 0.1385

Previews

White Background



This preview shows how the Yxy color 80.0463, 0.3142, 0.3806 looks on a white background.

Color Contrast Check

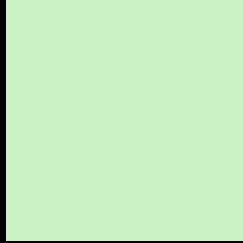
Large Text (above 18pt) WCAG AA × Fail

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 80.0463, 0.3142, 0.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

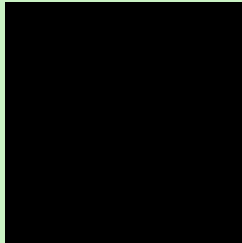
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

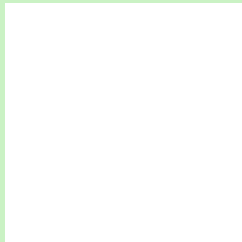
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.0463, 0.3142, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 80.0463, 0.3142, 0.3806.

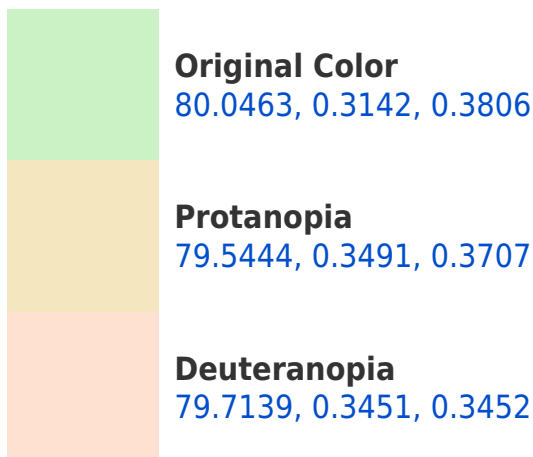


This preview shows how white text looks on a background with the Yxy color 80.0463, 0.3142, 0.3806.

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

79.7864, 0.2866, 0.3090

Trichromacy



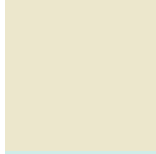
Original Color

80.0463, 0.3142, 0.3806



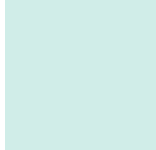
Protanomaly

79.3094, 0.3361, 0.3741



Deuteranomaly

79.3443, 0.3337, 0.3575



Tritanomaly

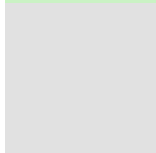
79.8045, 0.2969, 0.3344

Monochromacy



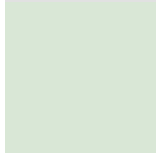
Original Color

80.0463, 0.3142, 0.3806



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

76.7586, 0.3139, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.0463, 0.3142, 0.3806 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(202, 242, 196)` looks like.

```
.text, #text, p{  
    color:rgb(202, 242, 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(202, 242, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 242, 196) }
```

Border

The CSS property to change the border of an element to Yxy 80.0463, 0.3142, 0.3806 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(202, 242, 196) }
```

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

```
.border{ border-color:rgb(202, 242, 196) }
```

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

Here you see how a box with a 4 pixel rgb(202, 242, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 242, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 242, 196);  
box-shadow:4px 4px 4px 4px rgb(202, 242,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 80.0463, 0.3142, 0.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 242, 196) }
```

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

```
.background{ background-color: rgb(202,  
242, 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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