

Converting Colors

$Yxy(80.7390, 0.3107, 0.3804)$

Have a look what the booklet for
Yxy(80.7390, 0.3107, 0.3804)
contains.

Yxy(80.9207, 0.3109, 0.3807)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(80.9207, 0.3109, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	C7F4C6
RGB	199, 244, 198
RGB Percent	78%, 96%, 78%
CMY	0.2198, 0.0431, 0.2236
CMYK	0.18, 0.00, 0.19, 0.04
HSL	119°, 68%, 87%
HSV	119°, 19%, 96%
XYZ	66.0842, 80.9207, 65.5528
YIQ	225.3010, -12.0540, -23.8460

Conversions

Conversions Part 2

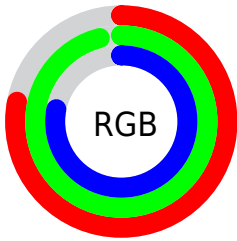
Format	Color
R_{YB}	198, 244, 243
Decimal	13104326
CIE _{Lab}	92.10, -22.98, 17.49
CIE _{LCh}	92, 28.882, 142.719
Yxy	80.9207, 0.3109, 0.3807
Android (android.graphics.Color)	4291294406 (0xFFC7F4C6)
YUV	225.3010, -13.4594, -23.0660
Hunter-Lab	89.9559, -26.2917, 19.7633

Details

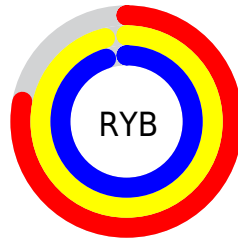
The Yxy color **80.9207, 0.3109, 0.3807** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.9804, 0.3142, 0.2820**, and the grayscale version is **75.6221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9093, 0.3097, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **76.8726, 0.3097, 0.4130**, and if you desaturate by 10%, it is **85.6702, 0.3119, 0.3517**.

Distribution



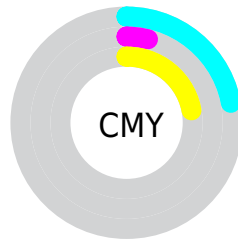
- Red (78%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (95%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)




- Cyan (22%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.9207, 0.3109, 0.3807 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 80.9207, 0.3109, 0.3807 by changing the saturation by 10% instead.


 80.9207, 0.3109,
0.3807

 80.9207, 0.3109,
0.3807


498.0303, 0.3121,
0.3564

 60.4763, 0.3105,
0.3863


134.6594, 0.3114,
0.3722

 43.8027, 0.3100,
0.3933


168.7225, 0.3116,
0.3689

 30.5154, 0.3093,
0.4023


208.0940, 0.3117,
0.3661

 20.2301, 0.3081,
0.4140

253.1581, 0.3118,
0.3637

 12.5624, 0.3064,
0.4303

304.2995, 0.3119,
0.3615

 7.1279, 0.3033,
0.4539


361.9023, 0.3120,


 3.5422, 0.2972,


0.3596


0.4915


426.3511, 0.3121,
0.3579


 1.4209, 0.3006,
0.6001


 0.2321, 0.0000,
1.0000


 80.9207, 0.3109,
0.3807

 80.9207, 0.3109,
0.3807


 76.8726, 0.3097,
0.4130

 85.6702, 0.3119,
0.3517

 73.4831, 0.3083,
0.4478

 91.1411, 0.3128,
0.3263

 70.7203, 0.3067,
0.4838

 93.1931, 0.3132,
0.3185

 68.5459, 0.3051,
0.5188

■ 66.9172, 0.3035,
0.5501

■ 65.7859, 0.3021,
0.5749

■ 65.0951, 0.3010,
0.5912

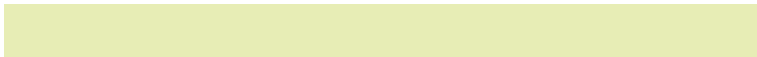
■ 64.7694, 0.3003,
0.5991

■ 64.7459, 0.3003,
0.5998

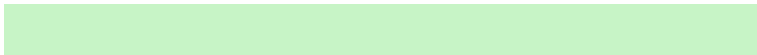
Harmonies

Analogous

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



80.9207, 0.3440, 0.3892



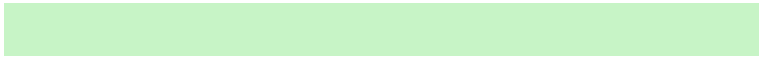
80.9207, 0.3109, 0.3807



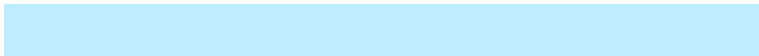
80.9207, 0.2794, 0.3557

Triad

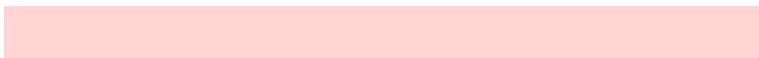
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9207, 0.3109, 0.3807



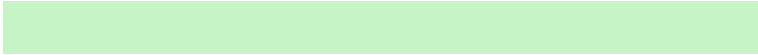
80.9207, 0.2578, 0.2778



80.9207, 0.3709, 0.3303

Complementary

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



80.9207, 0.3109, 0.3807



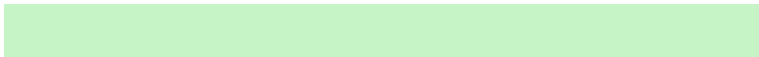
65.9804, 0.3142, 0.2820

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.



80.9207, 0.3454, 0.3039



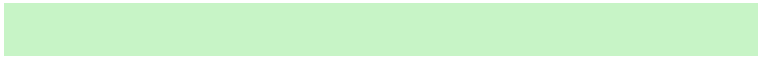
80.9207, 0.3109, 0.3807



80.9207, 0.2799, 0.2743

Square

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



80.9207, 0.3109, 0.3807



80.9207, 0.2499, 0.2949



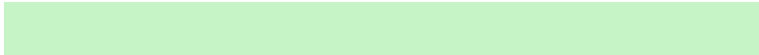
80.9207, 0.3117, 0.2838



80.9207, 0.3798, 0.3577

Rectangle

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



80.9207, 0.3109, 0.3807



80.9207, 0.2634, 0.3342



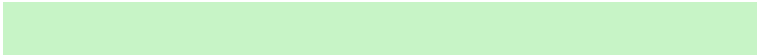
80.9207, 0.3117, 0.2838



80.9207, 0.3639, 0.3211

Sweetspot

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



80.9241, 0.3109, 0.3807



96.3219, 0.3122, 0.3441



87.1066, 0.3414, 0.3746



20.5350, 0.3121, 0.3459



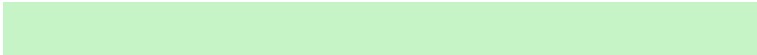
0.0000, 0.0000, 0.0000



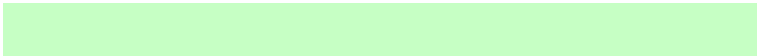
21.4041, 0.3127, 0.3290

Same Dimension

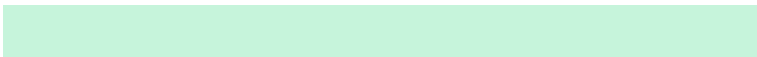
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9241, 0.3109, 0.3807



87.4689, 0.3104, 0.3938



81.8562, 0.2979, 0.3561



18.4884, 0.3119, 0.3534



35.2060, 0.3004, 0.5997



3.0999, 0.3016, 0.5988

Inverse Universe

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



65.9804, 0.3142, 0.2820



67.8872, 0.3145, 0.2714



64.9213, 0.3307, 0.3034



16.7497, 0.3135, 0.3057



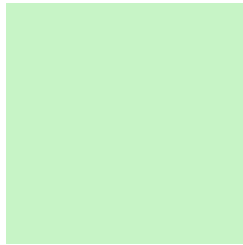
13.5304, 0.3157, 0.1513



1.1947, 0.3164, 0.1517

Previews

White Background



This preview shows how the Yxy color 80.9207, 0.3109, 0.3807 looks on a white background.

Color Contrast Check

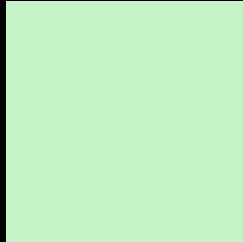
Large Text (above 18pt) WCAG AA × Fail

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 80.9207, 0.3109, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

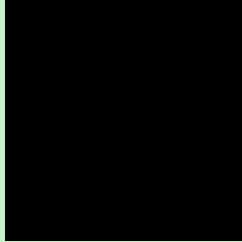
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

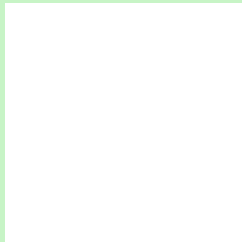
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.9207, 0.3109, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 80.9207, 0.3109, 0.3807.

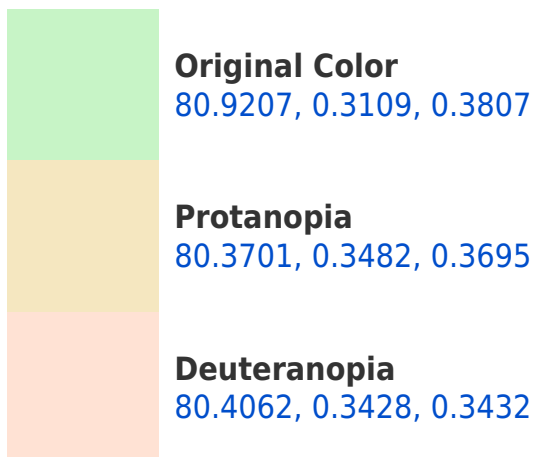


This preview shows how white text looks on a background with the Yxy color 80.9207, 0.3109, 0.3807.

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

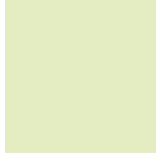
80.7662, 0.2844, 0.3090

Trichromacy



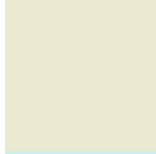
Original Color

80.9207, 0.3109, 0.3807



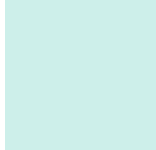
Protanomaly

80.3799, 0.3338, 0.3741



Deuteranomaly

80.4450, 0.3308, 0.3564



Tritanomaly

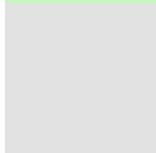
80.6527, 0.2939, 0.3344

Monochromacy



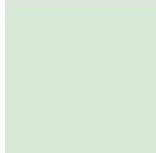
Original Color

80.9207, 0.3109, 0.3807



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.2185, 0.3125, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9207, 0.3109, 0.3807 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(199, 244, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 244, 198)  
}
```

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(199, 244, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 244, 198) }
```

Border

The CSS property to change the border of an element to Yxy 80.9207, 0.3109, 0.3807 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(199, 244, 198) }
```

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

```
.border{ border-color:rgb(199, 244, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 244, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 244, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 244, 198); box-shadow:4px 4px 4px 4px rgb(199, 244, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9207, 0.3109, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 244, 198) }
```

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

```
.background{ background-color: rgb(199,  
244, 198) }
```

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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