

Converting Colors

$Yxy(80.5588, 0.3088, 0.3914)$

Have a look what the booklet for
Yxy(80.5588, 0.3088, 0.3914)
contains.

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Color

Yxy(80.6203, 0.3091, 0.3919)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BEF6BF |
| RGB | 190, 246, 191 |
| RGB Percent | 75%, 96%, 75% |
| CMY | 0.2551, 0.0352, 0.2509 |
| CMYK | 0.23, 0.00, 0.22, 0.04 |
| HSL | 121°, 76%, 85% |
| HSV | 121°, 23%, 96% |
| XYZ | 63.5870, 80.6203, 61.5092 |
| YIQ | 222.9860, -15.7210, -28.9770 |

Conversions

Conversions Part 2

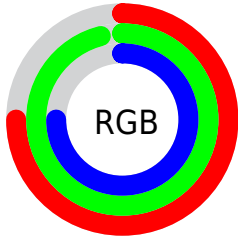
| Format | Color |
|-------------------------------------|--|
| RYB | 190, 245, 246 |
| Decimal | 12515007 |
| CIELab | 91.96, -28.06, 20.81 |
| CIELCh | 92, 34.931, 143.433 |
| Yxy | 80.6203, 0.3091, 0.3919 |
| Android (android.graphics.Color) | 4290705087 (0xFFBEF6BF) |
| YUV | 222.9860, -15.7691, -28.9287 |
| Hunter-Lab | 89.7888, -30.7196, 22.2359 |

Details

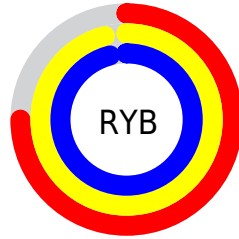
The Yxy color **80.6203, 0.3091, 0.3919** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.9904, 0.3162, 0.2732**, and the grayscale version is **73.9001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0715, 0.3118, 0.3358**, and **43.4356, 0.3083, 0.4074** is the 20% darker color. If you saturate the color by 10%, you get **76.7431, 0.3073, 0.4248**, and if you desaturate by 10%, it is **85.2140, 0.3108, 0.3621**.

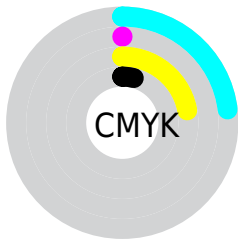
Distribution



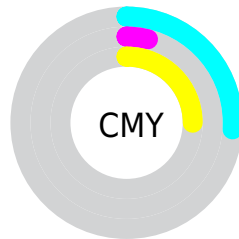
- Red (75%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (96%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)





- Cyan (26%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.6203, 0.3091, 0.3919 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 80.6203, 0.3091, 0.3919 by changing the saturation by 10% instead.


 80.6203, 0.3091,
0.3919

 80.6203, 0.3091,
0.3919


497.0208, 0.3114,
0.3621

 60.2289, 0.3084,
0.3988


 134.2375, 0.3100,
0.3815

 43.6032, 0.3075,
0.4075

168.2321, 0.3103,
0.3774

 30.3587, 0.3063,
0.4186


207.5299, 0.3106,
0.3740

 20.1110, 0.3044,
0.4332

252.5153, 0.3108,
0.3710

 12.4757, 0.3015,
0.4534

303.5727, 0.3110,
0.3684

 7.0686, 0.2965,
0.4831

361.0865, 0.3111,


 3.5050, 0.2866,


0.3660


0.5302


425.4411, 0.3112,
0.3640


 1.4007, 0.2906,
0.7094


 0.2173, 0.0000,
1.0000


 80.6203, 0.3091,
0.3919

 80.6203, 0.3091,
0.3919


 76.7431, 0.3073,
0.4248


 85.2140, 0.3108,
0.3621

 73.5368, 0.3055,
0.4599

 90.5468, 0.3123,
0.3357

 70.9663, 0.3037,
0.4956

 94.4005, 0.3131,
0.3204

 68.9894, 0.3021,
0.5294

■ 67.5585, 0.3009,
0.5587

■ 66.6190, 0.3002,
0.5808

■ 66.1049, 0.2999,
0.5944

■ 65.9308, 0.2998,
0.5992

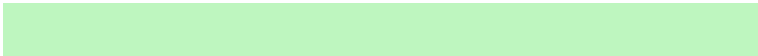
Harmonies

Analogous

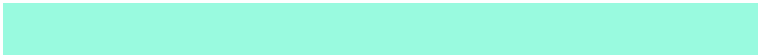
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6203, 0.3492, 0.4023



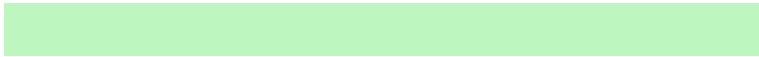
80.6203, 0.3091, 0.3919



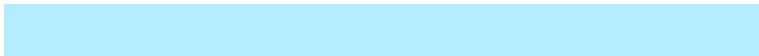
80.6203, 0.2716, 0.3606

Triad

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



80.6203, 0.3091, 0.3919



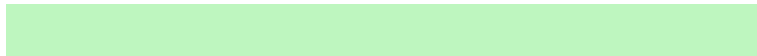
80.6203, 0.2473, 0.2671



80.6203, 0.3839, 0.3307

Complementary

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



80.6203, 0.3091, 0.3919



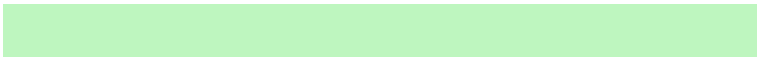
62.9904, 0.3162, 0.2732

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.



80.6203, 0.3531, 0.2994



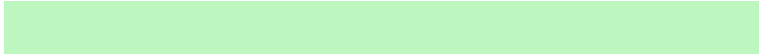
80.6203, 0.3091, 0.3919



80.6203, 0.2738, 0.2637

Square

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



80.6203, 0.3091, 0.3919



80.6203, 0.2376, 0.2867



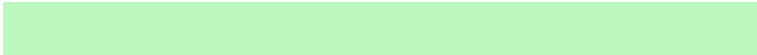
80.6203, 0.3122, 0.2755



80.6203, 0.3940, 0.3635

Rectangle

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



80.6203, 0.3091, 0.3919



80.6203, 0.2528, 0.3339



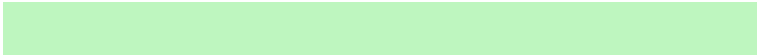
80.6203, 0.3122, 0.2755



80.6203, 0.3755, 0.3198

Sweetspot

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



80.6237, 0.3091, 0.3919



95.6935, 0.3117, 0.3464



89.0630, 0.3465, 0.3861



20.4070, 0.3116, 0.3480



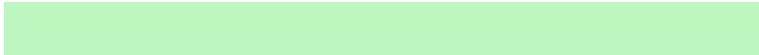
0.0000, 0.0000, 0.0000



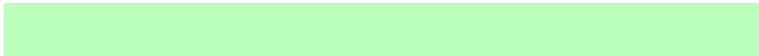
21.4041, 0.3127, 0.3290

Same Dimension

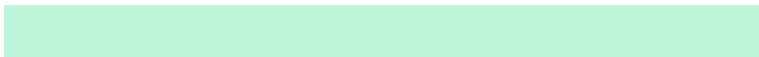
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6237, 0.3091, 0.3919



85.5855, 0.3083, 0.4056



81.9715, 0.2934, 0.3592



18.4771, 0.3113, 0.3530



35.1888, 0.2997, 0.5988



3.0945, 0.2988, 0.5958

Inverse Universe

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



62.9904, 0.3162, 0.2732



63.5769, 0.3168, 0.2627



61.4133, 0.3375, 0.3007



16.7625, 0.3141, 0.3061



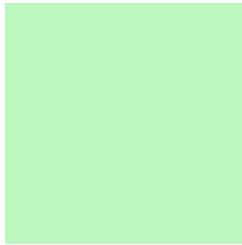
13.8604, 0.3257, 0.1568



1.2199, 0.3251, 0.1564

Previews

White Background



This preview shows how the Yxy color 80.6203, 0.3091, 0.3919 looks on a white background.

Color Contrast Check

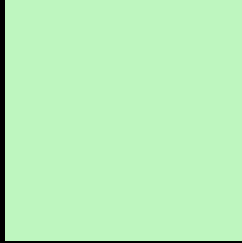
Large Text (above 18pt) WCAG AA × Fail

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 80.6203, 0.3091, 0.3919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

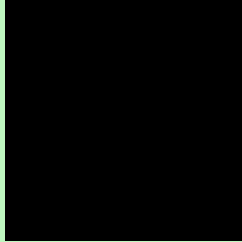
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

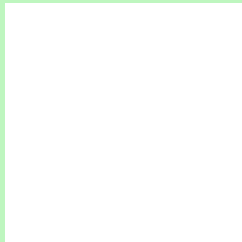
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.6203, 0.3091, 0.3919

Background



This preview shows how black text looks on a background with the Yxy color 80.6203, 0.3091, 0.3919.

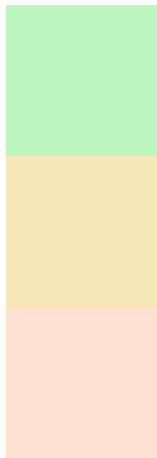


This preview shows how white text looks on a background with the Yxy color 80.6203, 0.3091, 0.3919.

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

80.6203, 0.3091, 0.3919

Protanopia

80.2053, 0.3544, 0.3778

Deuteranopia

79.7139, 0.3451, 0.3452



Tritanopia

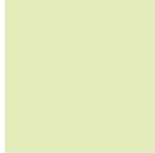
80.4849, 0.2809, 0.3099

Trichromacy



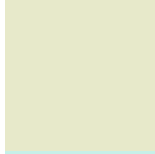
Original Color

80.6203, 0.3091, 0.3919



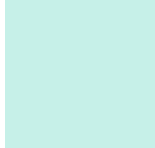
Protanomaly

79.7475, 0.3369, 0.3820



Deuteranomaly

79.5310, 0.3312, 0.3620



Tritanomaly

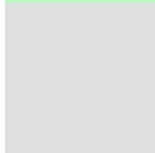
80.1521, 0.2908, 0.3377

Monochromacy



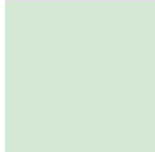
Original Color

80.6203, 0.3091, 0.3919



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

75.7039, 0.3117, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.6203, 0.3091, 0.3919 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(190, 246, 191)` looks like.

```
.text, #text, p{  
    color:rgb(190, 246, 191)  
}
```

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(190, 246, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 246, 191) }
```

Border

The CSS property to change the border of an element to Yxy 80.6203, 0.3091, 0.3919 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(190, 246, 191) }
```

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

```
.border{ border-color:rgb(190, 246, 191) }
```

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

Here you see how a box with a 4 pixel rgb(190, 246, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 246, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 246, 191);  
box-shadow:4px 4px 4px 4px rgb(190, 246,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 80.6203, 0.3091, 0.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 246, 191) }
```

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

```
.background{ background-color: rgb(190,  
246, 191) }
```

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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