

Converting Colors

$Yxy(80.1167, 0.2966, 0.3570)$

Have a look what the booklet for
Yxy(80.1167, 0.2966, 0.3570)
contains.

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Color

Yxy(79.9833, 0.2969, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	C2F2D9
RGB	194, 242, 217
RGB Percent	76%, 95%, 85%
CMY	0.2390, 0.0510, 0.1490
CMYK	0.20, 0.00, 0.10, 0.05
HSL	149°, 65%, 86%
HSV	149°, 20%, 95%
XYZ	66.5370, 79.9833, 77.5854
YIQ	224.7980, -20.5830, -17.9510

Conversions

Conversions Part 2

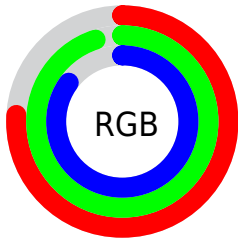
Format	Color
RYB	194, 226, 242
Decimal	12776153
CIELab	91.68, -20.17, 7.01
CIELCh	92, 21.351, 160.821
Yxy	79.9833, 0.2969, 0.3569
Android (android.graphics.Color)	4290966233 (0xFFC2F2D9)
YUV	224.7980, -3.8444, -27.0098
Hunter-Lab	89.4334, -23.7074, 11.1680

Details

The Yxy color **79.9833, 0.2969, 0.3569** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.6023, 0.3322, 0.3027**, and the grayscale version is **75.1916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **43.3019, 0.2935, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **76.4085, 0.2895, 0.3733**, and if you desaturate by 10%, it is **84.1364, 0.3048, 0.3420**.

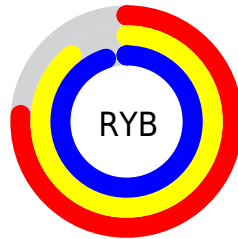
Distribution



Red (76%)

Green (95%)

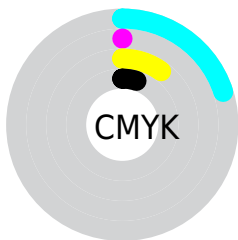
Blue (85%)



Red (76%)

Yellow (89%)

Blue (95%)

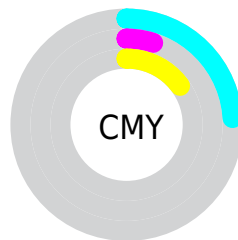


Cyan (20%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (24%)


Magenta (5%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9833, 0.2969, 0.3569 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 79.9833, 0.2969, 0.3569 by changing the saturation by 10% instead.


 79.9833, 0.2969,
0.3569

 79.9833, 0.2969,
0.3569


494.8766, 0.3042,
0.3439

 59.7046, 0.2952,
0.3599


 133.3423, 0.2994,
0.3524

 43.1806, 0.2931,
0.3636


167.1913, 0.3004,
0.3506

 30.0268, 0.2905,
0.3683

206.3326, 0.3013,
0.3491

 19.8590, 0.2871,
0.3744

251.1505, 0.3020,
0.3478

 12.2926, 0.2824,
0.3829

302.0295, 0.3027,
0.3467

 6.9433, 0.2755,
0.3952


359.3539, 0.3033,


 3.4266, 0.2648,


0.3457


0.4147


423.5081, 0.3038,
0.3447


 1.3583, 0.2445,
0.4510


 0.1857, 0.0000,
1.0000

 79.9833, 0.2969,
0.3569


 79.9833, 0.2969,
0.3569


 76.4085, 0.2895,
0.3733


 84.1364, 0.3048,
0.3420


 73.3756, 0.2828,
0.3913

 88.8822, 0.3129,
0.3288

 70.8594, 0.2772,
0.4105

 91.9689, 0.3134,
0.3167

 68.8290, 0.2731,
0.4307

 91.9789, 0.3133,
0.3165

■ 67.2497, 0.2707,
0.4514

■ 66.0821, 0.2703,
0.4719

■ 65.2795, 0.2719,
0.4918

■ 64.7659, 0.2751,
0.5103

■ 64.7573, 0.2752,
0.5107

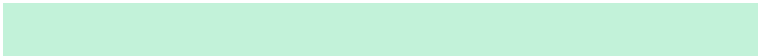
Harmonies

Analogous

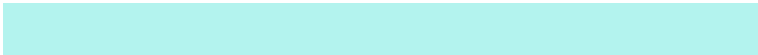
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9833, 0.3217, 0.3709



79.9833, 0.2969, 0.3569



79.9833, 0.2769, 0.3346

Triad

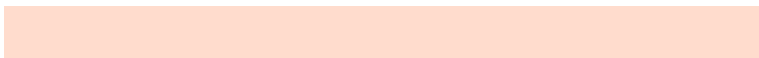
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9833, 0.2969, 0.3569



79.9833, 0.2806, 0.2877



79.9833, 0.3614, 0.3431

Complementary

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



79.9833, 0.2969, 0.3569



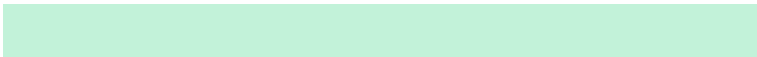
62.6023, 0.3322, 0.3027

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.



79.9833, 0.3495, 0.3221



79.9833, 0.2969, 0.3569



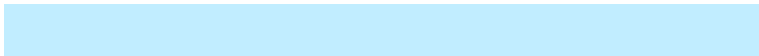
79.9833, 0.3022, 0.2909

Square

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



79.9833, 0.2969, 0.3569



79.9833, 0.2677, 0.2948



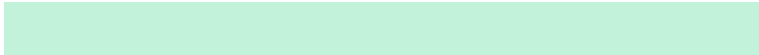
79.9833, 0.3275, 0.3033



79.9833, 0.3595, 0.3616

Rectangle

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



79.9833, 0.2969, 0.3569



79.9833, 0.2686, 0.3190



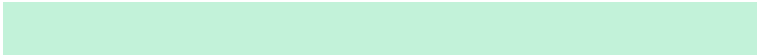
79.9833, 0.3275, 0.3033



79.9833, 0.3589, 0.3361

Sweetspot

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



79.9866, 0.2969, 0.3569



96.7099, 0.3078, 0.3368



82.5535, 0.3271, 0.3809



20.6264, 0.3073, 0.3377



0.0000, 0.0000, 0.0000



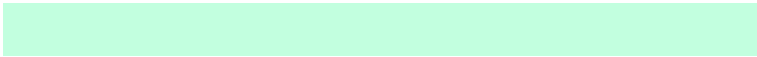
21.4041, 0.3127, 0.3290

Same Dimension

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



79.9866, 0.2969, 0.3569



88.2965, 0.2937, 0.3637



81.2908, 0.2839, 0.3307



17.7825, 0.3051, 0.3416



34.8184, 0.2744, 0.5077



2.9166, 0.2675, 0.4830

Inverse Universe

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



62.6023, 0.3322, 0.3027



65.2287, 0.3374, 0.2967



61.4559, 0.3508, 0.3274



15.8964, 0.3212, 0.3168



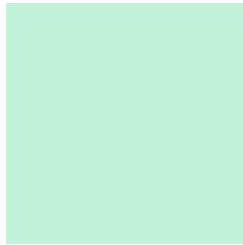
10.9796, 0.4869, 0.2456



0.9335, 0.4590, 0.2302

Previews

White Background



This preview shows how the Yxy color 79.9833, 0.2969, 0.3569 looks on a white background.

Color Contrast Check

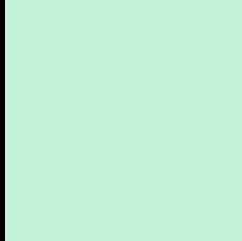
Large Text (above 18pt) WCAG AA × Fail

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 79.9833, 0.2969, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

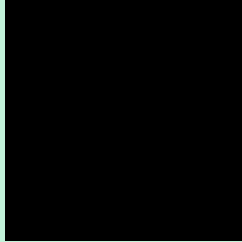
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

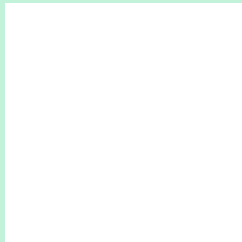
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.9833, 0.2969, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 79.9833, 0.2969, 0.3569.

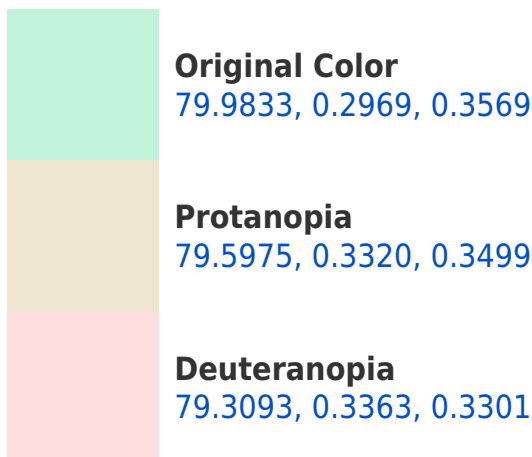


This preview shows how white text looks on a background with the Yxy color 79.9833, 0.2969, 0.3569.

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

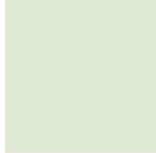
79.6284, 0.2797, 0.3087

Trichromacy



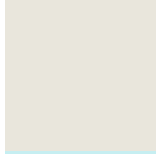
Original Color

79.9833, 0.2969, 0.3569



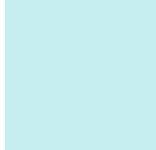
Protanomaly

79.3377, 0.3184, 0.3516



Deuteranomaly

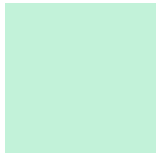
79.0846, 0.3212, 0.3395



Tritanomaly

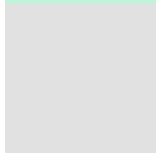
79.5057, 0.2857, 0.3257

Monochromacy



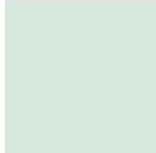
Original Color

79.9833, 0.2969, 0.3569



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

76.7219, 0.3069, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9833, 0.2969, 0.3569 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(194, 242, 217)` looks like.

```
.text, #text, p{  
    color:rgb(194, 242, 217)  
}
```

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(194, 242, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 242, 217) }
```

Border

The CSS property to change the border of an element to Yxy 79.9833, 0.2969, 0.3569 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(194, 242, 217) }
```

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

```
.border{ border-color:rgb(194, 242, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 242, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 242, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 242, 217);  
box-shadow:4px 4px 4px 4px rgb(194, 242,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9833, 0.2969, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 242, 217) }
```

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

```
.background{ background-color: rgb(194,  
242, 217) }
```

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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