

Converting Colors

Yxy(80.2022, 0.2957, 0.3551)

Have a look what the booklet for
Yxy(80.2022, 0.2957, 0.3551)
contains.

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Color

Yxy(80.0881, 0.2957, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	C2F2DB
RGB	194, 242, 219
RGB Percent	76%, 95%, 86%
CMY	0.2393, 0.0510, 0.1410
CMYK	0.20, 0.00, 0.09, 0.05
HSL	151°, 65%, 85%
HSV	151°, 20%, 95%
XYZ	66.7853, 80.0881, 78.9814
YIQ	225.0260, -21.2250, -17.3290

Conversions

Conversions Part 2

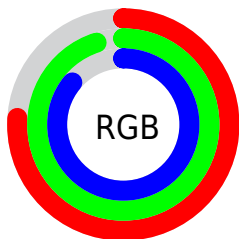
Format	Color
RYB	194, 226, 242
Decimal	12776155
CIELab	91.72, -19.82, 6.03
CIELCh	92, 20.714, 163.075
Yxy	80.0881, 0.2957, 0.3546
Android (android.graphics.Color)	4290966235 (0xFFC2F2DB)
YUV	225.0260, -2.9708, -27.2098
Hunter-Lab	89.4920, -23.4015, 10.3178

Details

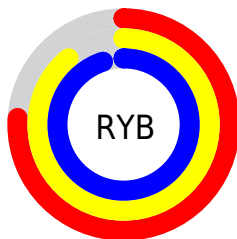
The Yxy color **80.0881, 0.2957, 0.3546** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.4582, 0.3339, 0.3048**, and the grayscale version is **75.3482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **43.3736, 0.2921, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **76.5576, 0.2878, 0.3696**, and if you desaturate by 10%, it is **84.1891, 0.3041, 0.3410**.

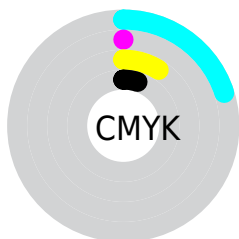
Distribution



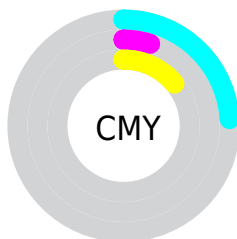
- Red (76%)
- Green (95%)
- Blue (86%)



- Red (76%)
- Yellow (89%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)





- Cyan (24%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.0881, 0.2957, 0.3546 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 80.0881, 0.2957, 0.3546 by changing the saturation by 10% instead.


 80.0881, 0.2957,
0.3546

 80.0881, 0.2957,
0.3546


495.2297, 0.3036,
0.3427

 59.7909, 0.2939,
0.3573

 133.4896, 0.2984,
0.3505

 43.2501, 0.2917,
0.3607


167.3626, 0.2995,
0.3489

 30.0814, 0.2889,
0.3650


206.5297, 0.3004,
0.3475

 19.9004, 0.2853,
0.3706

251.3752, 0.3012,
0.3463

 12.3226, 0.2803,
0.3783

302.2836, 0.3019,
0.3452

 6.9638, 0.2731,
0.3894


359.6392, 0.3025,


 3.4395, 0.2620,


0.3443


0.4070


423.8264, 0.3031,
0.3435


 1.3652, 0.2414,
0.4394


 0.1909, 0.0000,
1.0000


 80.0881, 0.2957,
0.3546


 80.0881, 0.2957,
0.3546


 76.5576, 0.2878,
0.3696


 84.1891, 0.3041,
0.3410


 73.5615, 0.2806,
0.3860

 88.8748, 0.3128,
0.3288

 71.0749, 0.2746,
0.4035

 91.9091, 0.3141,
0.3177

 69.0670, 0.2701,
0.4219

 91.9889, 0.3133,
0.3166

■ 67.5035, 0.2674,
0.4409

■ 66.3453, 0.2667,
0.4598

■ 65.5458, 0.2680,
0.4783

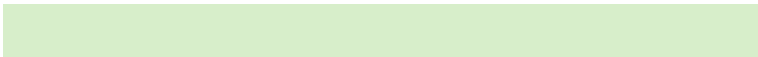
■ 65.0293, 0.2711,
0.4958

■ 65.0224, 0.2711,
0.4961

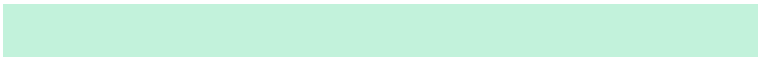
Harmonies

Analogous

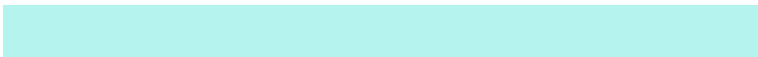
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0881, 0.3196, 0.3690



80.0881, 0.2957, 0.3546



80.0881, 0.2768, 0.3328

Triad

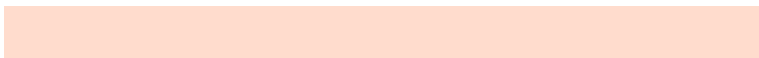
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0881, 0.2957, 0.3546



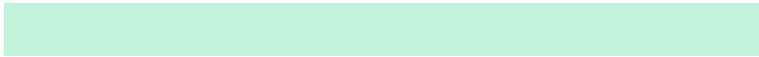
80.0881, 0.2828, 0.2888



80.0881, 0.3602, 0.3442

Complementary

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



80.0881, 0.2957, 0.3546



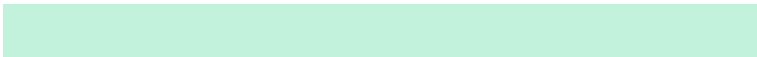
62.4582, 0.3339, 0.3048

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.



80.0881, 0.3497, 0.3238



80.0881, 0.2957, 0.3546



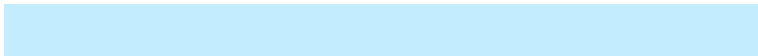
80.0881, 0.3043, 0.2926

Square

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



80.0881, 0.2957, 0.3546



80.0881, 0.2696, 0.2950



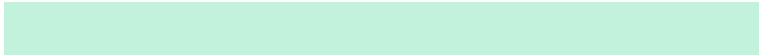
80.0881, 0.3289, 0.3053



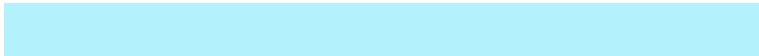
80.0881, 0.3574, 0.3618

Rectangle

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



80.0881, 0.2957, 0.3546



80.0881, 0.2693, 0.3177



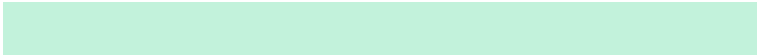
80.0881, 0.3289, 0.3053



80.0881, 0.3581, 0.3375

Sweetspot

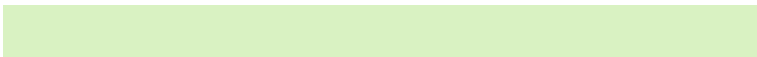
The Sweet Spot groups the original color and five complimentary colors.



80.0914, 0.2957, 0.3546



96.7505, 0.3075, 0.3362



82.1838, 0.3255, 0.3813



20.6360, 0.3069, 0.3370



0.0000, 0.0000, 0.0000



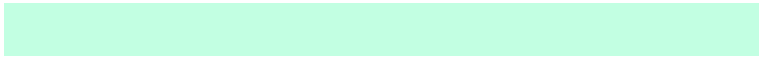
21.4041, 0.3127, 0.3290

Same Dimension

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



80.0914, 0.2957, 0.3546



88.4392, 0.2923, 0.3608



80.9107, 0.2829, 0.3280



17.7942, 0.3045, 0.3405



34.9559, 0.2703, 0.4932



2.9281, 0.2639, 0.4699

Inverse Universe

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



62.4582, 0.3339, 0.3048



65.0859, 0.3395, 0.2993



61.7025, 0.3520, 0.3300



15.8848, 0.3218, 0.3178



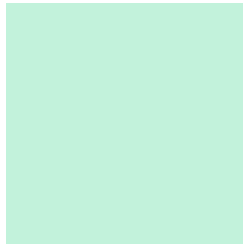
10.8423, 0.5051, 0.2556



0.9220, 0.4744, 0.2387

Previews

White Background



This preview shows how the Yxy color 80.0881, 0.2957, 0.3546 looks on a white background.

Color Contrast Check

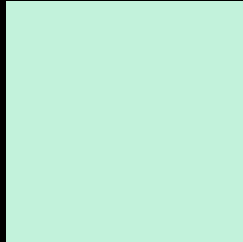
Large Text (above 18pt) WCAG AA × Fail

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 80.0881, 0.2957, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

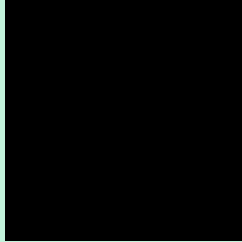
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

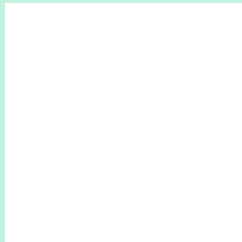
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.0881, 0.2957, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 80.0881, 0.2957, 0.3546.

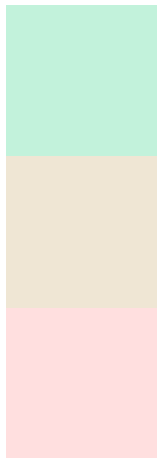


This preview shows how white text looks on a background with the Yxy color 80.0881, 0.2957, 0.3546.

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

80.0881, 0.2957, 0.3546

Protanopia

79.6978, 0.3307, 0.3478

Deuteranopia

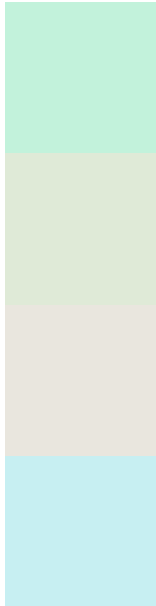
79.3631, 0.3356, 0.3291



Tritanopia

80.3449, 0.2803, 0.3098

Trichromacy



Original Color

80.0881, 0.2957, 0.3546

Protanomaly

79.4399, 0.3172, 0.3494

Deuteranomaly

79.1912, 0.3199, 0.3374

Tritanomaly

80.2859, 0.2858, 0.3257

Monochromacy



Original Color

80.0881, 0.2957, 0.3546

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.7757, 0.3062, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.0881, 0.2957, 0.3546 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(194, 242, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 242, 219) }
```

Border

The CSS property to change the border of an element to Yxy 80.0881, 0.2957, 0.3546 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, 219) }
```

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

```
.border{ border-color:rgb(194, 242, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 242, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 242, 219);  
box-shadow:4px 4px 4px 4px rgb(194, 242,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 80.0881, 0.2957, 0.3546 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, 219) }
```

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

```
.background{ background-color: rgb(194,  
242, 219) }
```

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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