

Converting Colors

$Yxy(78.2308, 0.2833, 0.3489)$

Have a look what the booklet for
Yxy(78.2308, 0.2833, 0.3489)
contains.

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Color

Yxy(78.3511, 0.2835, 0.3495)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B2F2E0 |
| RGB | 178, 242, 224 |
| RGB Percent | 70%, 95%, 88% |
| CMY | 0.3021, 0.0509, 0.1217 |
| CMYK | 0.26, 0.00, 0.07, 0.05 |
| HSL | 163°, 71%, 82% |
| HSV | 163°, 26%, 95% |
| XYZ | 63.5552, 78.3511, 82.2743 |
| YIQ | 220.8120, -32.3660, -19.1660 |

Conversions

Conversions Part 2

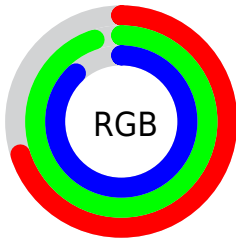
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 178, 215, 242 |
| Decimal | 11727584 |
| CIELab | 90.94, -23.72, 2.21 |
| CIElCh | 91, 23.823, 174.667 |
| Yxy | 78.3511, 0.2835, 0.3495 |
| Android (android.graphics.Color) | 4289917664 (0xFFB2F2E0) |
| YUV | 220.8120, 1.5717, -37.5461 |
| Hunter-Lab | 88.5162, -26.7391, 6.8523 |

Details

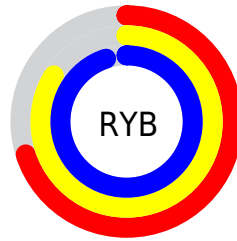
The Yxy color **78.3511, 0.2835, 0.3495** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **54.6876, 0.3538, 0.3095**, and the grayscale version is **72.1675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **42.2675, 0.2770, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **75.3781, 0.2739, 0.3586**, and if you desaturate by 10%, it is **81.8503, 0.2940, 0.3411**.

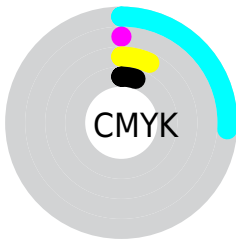
Distribution



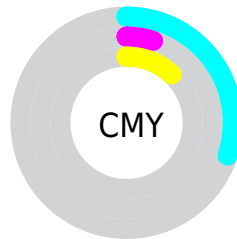
- Red (70%)
- Green (95%)
- Blue (88%)



- Red (70%)
- Yellow (84%)
- Blue (95%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)





- Cyan (30%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.3511, 0.2835, 0.3495 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 78.3511, 0.2835, 0.3495 by changing the saturation by 10% instead.


 78.3511, 0.2835,
0.3495

 78.3511, 0.2835,
0.3495

489.3584, 0.2969,
0.3401

 58.3624, 0.2805,
0.3516


 131.0449, 0.2881,
0.3462

 42.1001, 0.2768,
0.3543

164.5189, 0.2899,
0.3450

 29.1797, 0.2721,
0.3577


203.2568, 0.2915,
0.3439

 19.2168, 0.2660,
0.3620

247.6430, 0.2928,
0.3429

 11.8270, 0.2578,
0.3680

298.0618, 0.2940,
0.3421

 6.6260, 0.2462,
0.3765

354.8977, 0.2951,

 3.2293, 0.2284,

0.3413

0.3899

418.5351, 0.2960,
0.3407

1.2526, 0.1905,
0.4172

0.1041, 0.0000,
1.0000

78.3511, 0.2835,
0.3495

78.3511, 0.2835,
0.3495

75.3781, 0.2739,
0.3586

81.8503, 0.2940,
0.3411

72.8949, 0.2656,
0.3682

85.8909, 0.3052,
0.3335

70.8757, 0.2588,
0.3784

90.4991, 0.3168,
0.3267


69.2882, 0.2538,
0.3890

91.7547, 0.3156,
0.3201

 68.0957, 0.2508,
0.3997

 91.9946, 0.3133,
0.3166

 67.2557, 0.2498,
0.4105

 66.7145, 0.2507,
0.4211

 66.5648, 0.2513,
0.4248

Harmonies

Analogous

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



78.3511, 0.3096, 0.3707



78.3511, 0.2835, 0.3495



78.3511, 0.2656, 0.3229

Triad

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



78.3511, 0.2835, 0.3495



78.3511, 0.2869, 0.2831



78.3511, 0.3685, 0.3549

Complementary

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



78.3511, 0.2835, 0.3495



54.6876, 0.3538, 0.3095

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.



78.3511, 0.3620, 0.3319



78.3511, 0.2835, 0.3495



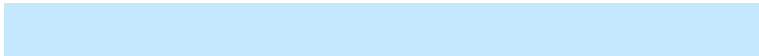
78.3511, 0.3139, 0.2918

Square

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



78.3511, 0.2835, 0.3495



78.3511, 0.2675, 0.2855



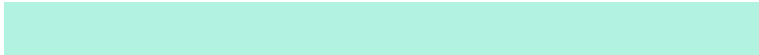
78.3511, 0.3417, 0.3093



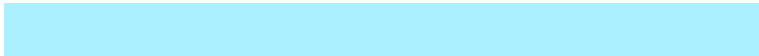
78.3511, 0.3592, 0.3725

Rectangle

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



78.3511, 0.2835, 0.3495



78.3511, 0.2604, 0.3065



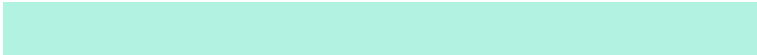
78.3511, 0.3417, 0.3093



78.3511, 0.3681, 0.3475

Sweetspot

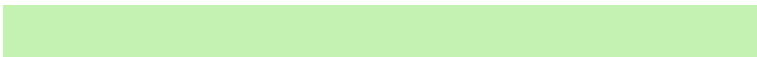
The Sweet Spot groups the original color and five complimentary colors.



78.3543, 0.2835, 0.3495



95.9696, 0.3035, 0.3347



78.4768, 0.3209, 0.4024



20.3891, 0.3018, 0.3358



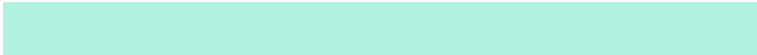
0.0000, 0.0000, 0.0000



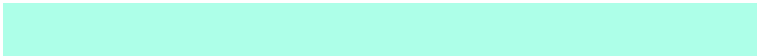
21.4041, 0.3127, 0.3290

Same Dimension

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



78.3543, 0.2835, 0.3495



86.2771, 0.2780, 0.3545



71.4332, 0.2725, 0.3131



17.8486, 0.3018, 0.3357



35.7779, 0.2509, 0.4231



2.9933, 0.2470, 0.4091

Inverse Universe

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



54.6876, 0.3538, 0.3095



55.3038, 0.3657, 0.3052



59.7188, 0.3659, 0.3443



15.8320, 0.3249, 0.3224



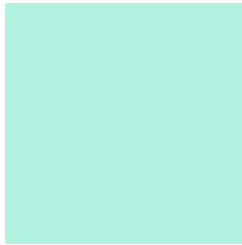
10.3864, 0.5825, 0.2983



0.8805, 0.5452, 0.2777

Previews

White Background



This preview shows how the Yxy color 78.3511, 0.2835, 0.3495 looks on a white background.

Color Contrast Check

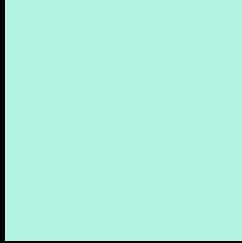
Large Text (above 18pt) WCAG AA × Fail

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 78.3511, 0.2835, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

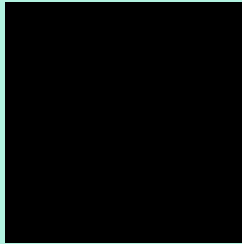
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

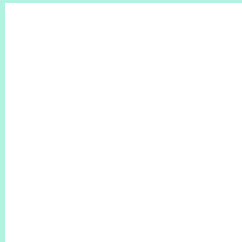
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.3511, 0.2835, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 78.3511, 0.2835, 0.3495.

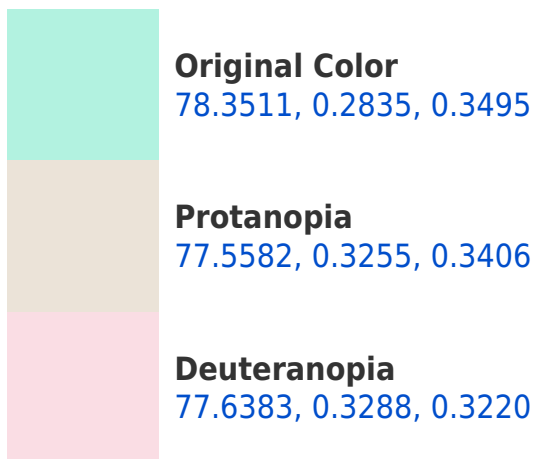


This preview shows how white text looks on a background with the Yxy color 78.3511, 0.2835, 0.3495.

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

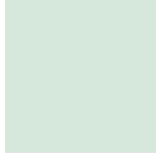
78.3532, 0.2717, 0.3093

Trichromacy



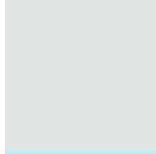
Original Color

78.3511, 0.2835, 0.3495



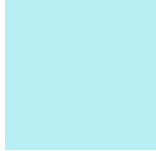
Protanomaly

77.1238, 0.3087, 0.3432



Deuteranomaly

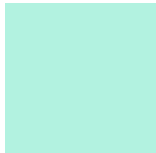
77.4320, 0.3106, 0.3311



Tritanomaly

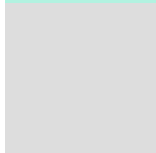
78.4550, 0.2760, 0.3234

Monochromacy



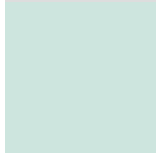
Original Color

78.3511, 0.2835, 0.3495



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

74.2917, 0.3009, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3511, 0.2835, 0.3495 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(178, 242, 224)` looks like.

```
.text, #text, p{  
    color:rgb(178, 242, 224)  
}
```

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(178, 242, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 242, 224) }
```

Border

The CSS property to change the border of an element to Yxy 78.3511, 0.2835, 0.3495 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(178, 242, 224) }
```

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

```
.border{ border-color:rgb(178, 242, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 242, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 242, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 242, 224);  
box-shadow:4px 4px 4px 4px rgb(178, 242,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3511, 0.2835, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 242, 224) }
```

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

```
.background{ background-color: rgb(178,  
242, 224) }
```

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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