

Converting Colors

Yxy(78.4604, 0.2835, 0.3652)

Have a look what the booklet for
Yxy(78.4604, 0.2835, 0.3652)
contains.

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Color

Yxy(78.4847, 0.2835, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	A8F5D6
RGB	168, 245, 214
RGB Percent	66%, 96%, 84%
CMY	0.3410, 0.0392, 0.1609
CMYK	0.31, 0.00, 0.13, 0.04
HSL	156°, 79%, 81%
HSV	156°, 31%, 96%
XYZ	60.9433, 78.4847, 75.5396
YIQ	218.4430, -35.9410, -25.9650

Conversions

Conversions Part 2

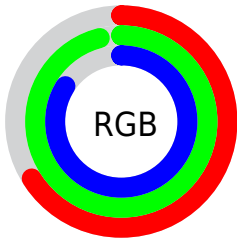
Format	Color
R _{YB}	168, 216, 245
Decimal	11072982
CIE Lab	91.00, -30.06, 7.43
CIE LCh	91, 30.961, 166.112
Yxy	78.4847, 0.2835, 0.3651
Android (android.graphics.Color)	4289263062 (0xFFA8F5D6)
YUV	218.4430, -2.1904, -44.2385
Hunter-Lab	88.5916, -32.2428, 11.4591

Details

The Yxy color **78.4847, 0.2835, 0.3651** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.5620, 0.3556, 0.2958**, and the grayscale version is **70.4742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **41.9804, 0.2765, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **75.5571, 0.2757, 0.3789**, and if you desaturate by 10%, it is **81.9559, 0.2922, 0.3524**.

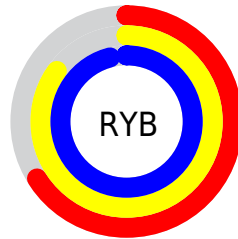
Distribution



Red (66%)

Green (96%)

Blue (84%)



Red (66%)

Yellow (85%)

Blue (96%)

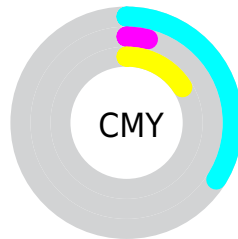


Cyan (31%)

Magenta (0%)

Yellow (13%)

Black (4%)



Cyan (34%)


Magenta (4%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.4847, 0.2835, 0.3651 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 78.4847, 0.2835, 0.3651 by changing the saturation by 10% instead.


 78.4847, 0.2835,
0.3651

 78.4847, 0.2835,
0.3651


489.8114, 0.2970,
0.3482

 58.4722, 0.2804,
0.3690


 131.2332, 0.2882,
0.3592

 42.1884, 0.2766,
0.3739

164.7380, 0.2900,
0.3569

 29.2489, 0.2717,
0.3801


203.5090, 0.2916,
0.3549

 19.2692, 0.2654,
0.3883

247.9306, 0.2930,
0.3532

 11.8649, 0.2568,
0.3996

298.3873, 0.2942,
0.3517

 6.6518, 0.2443,
0.4161


355.2634, 0.2952,


 3.2453, 0.2249,

0.3504

0.4427


418.9433, 0.2962,
0.3492


 1.2611, 0.1701,
0.5062


 0.1108, 0.0000,
1.0000


 78.4847, 0.2835,
0.3651


 78.4847, 0.2835,
0.3651


 75.5571, 0.2757,
0.3789


 81.9559, 0.2922,
0.3524

 73.1344, 0.2692,
0.3936

 85.9880, 0.3016,
0.3408

 71.1880, 0.2644,
0.4090

 90.6090, 0.3113,
0.3304

 69.6822, 0.2613,
0.4248

 93.6866, 0.3141,
0.3209

■ 68.5762, 0.2604,
0.4407

■ 93.7838, 0.3132,
0.3194

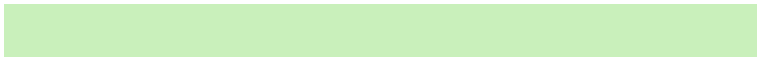
■ 67.8210, 0.2615,
0.4564

■ 67.3865, 0.2637,
0.4694

Harmonies

Analogous

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



78.4847, 0.3187, 0.3890



78.4847, 0.2835, 0.3651



78.4847, 0.2571, 0.3304

Triad

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



78.4847, 0.2835, 0.3651



78.4847, 0.2708, 0.2696



78.4847, 0.3851, 0.3535

Complementary

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



78.4847, 0.2835, 0.3651



51.5620, 0.3556, 0.2958

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.



78.4847, 0.3710, 0.3236



78.4847, 0.2835, 0.3651



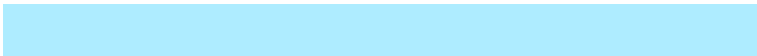
78.4847, 0.3034, 0.2770

Square

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



78.4847, 0.2835, 0.3651



78.4847, 0.2502, 0.2764



78.4847, 0.3404, 0.2963



78.4847, 0.3783, 0.3794

Rectangle

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



78.4847, 0.2835, 0.3651



78.4847, 0.2475, 0.3078



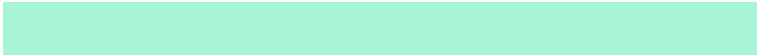
78.4847, 0.3404, 0.2963



78.4847, 0.3827, 0.3436

Sweetspot

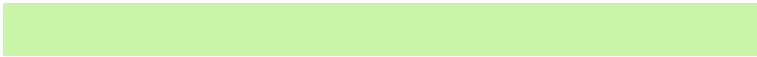
The Sweet Spot groups the original color and five complimentary colors.



78.4879, 0.2835, 0.3651



95.3226, 0.3039, 0.3382



80.4274, 0.3290, 0.4162



20.2519, 0.3025, 0.3398



0.0000, 0.0000, 0.0000



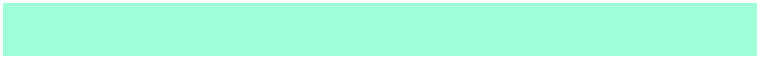
21.4041, 0.3127, 0.3290

Same Dimension

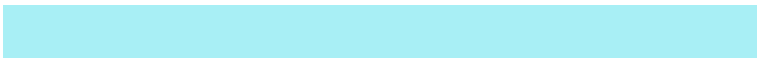
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4879, 0.2835, 0.3651



83.7539, 0.2782, 0.3742



76.4134, 0.2668, 0.3216



18.6381, 0.3034, 0.3387



36.3312, 0.2631, 0.4670



3.2135, 0.2577, 0.4478

Inverse Universe

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



51.5620, 0.3556, 0.2958



49.7865, 0.3685, 0.2885



52.6916, 0.3825, 0.3362



16.5932, 0.3230, 0.3195



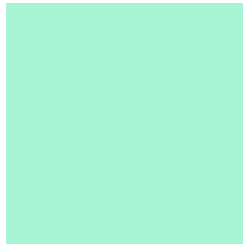
10.9665, 0.5367, 0.2730



0.9836, 0.5037, 0.2548

Previews

White Background



This preview shows how the Yxy color 78.4847, 0.2835, 0.3651 looks on a white background.

Color Contrast Check

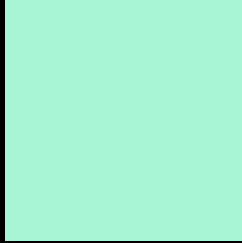
Large Text (above 18pt) WCAG AA × Fail

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 78.4847, 0.2835, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

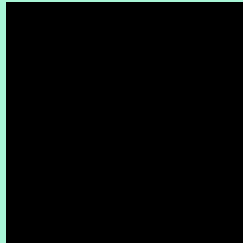
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.4847, 0.2835, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 78.4847, 0.2835, 0.3651.

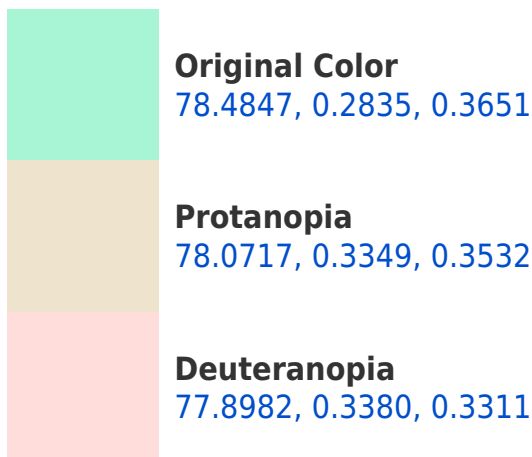


This preview shows how white text looks on a background with the Yxy color 78.4847, 0.2835, 0.3651.

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

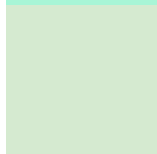
78.5594, 0.2702, 0.3104

Trichromacy



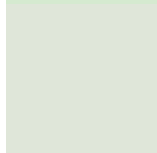
Original Color

78.4847, 0.2835, 0.3651



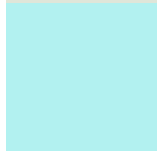
Protanomaly

77.5458, 0.3147, 0.3576



Deuteranomaly

77.2914, 0.3162, 0.3430



Tritanomaly

78.6668, 0.2750, 0.3300

Monochromacy



Original Color

78.4847, 0.2835, 0.3651



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

72.7759, 0.3006, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4847, 0.2835, 0.3651 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(168, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(168, 245, 214)  
}
```

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(168, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 245, 214) }
```

Border

The CSS property to change the border of an element to Yxy 78.4847, 0.2835, 0.3651 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(168, 245, 214) }
```

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

```
.border{ border-color:rgb(168, 245, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 245, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(168, 245,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4847, 0.2835, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 245, 214) }
```

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

```
.background{ background-color: rgb(168,  
245, 214) }
```

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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