

Converting Colors

$Yxy(82.5343, 0.2893, 0.3712)$

Have a look what the booklet for
Yxy(82.5343, 0.2893, 0.3712)
contains.

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Color

Yxy(82.5224, 0.2893, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	B1FAD5
RGB	177, 250, 213
RGB Percent	69%, 98%, 84%
CMY	0.3061, 0.0195, 0.1648
CMYK	0.29, 0.00, 0.15, 0.02
HSL	150°, 88%, 84%
HSV	150°, 29%, 98%
XYZ	64.3150, 82.5224, 75.4751
YIQ	223.9550, -31.6310, -26.9830

Conversions

Conversions Part 2

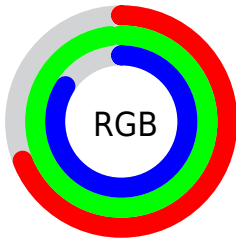
Format	Color
RYB	177, 226, 250
Decimal	11664085
CIELab	92.80, -30.02, 10.59
CIElCh	93, 31.838, 160.566
Yxy	82.5224, 0.2893, 0.3712
Android (android.graphics.Color)	4289854165 (0xFFB1FAD5)
YUV	223.9550, -5.4008, -41.1795
Hunter-Lab	90.8418, -32.5972, 14.3287

Details

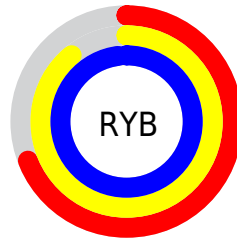
The Yxy color **82.5224, 0.2893, 0.3712** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.6028, 0.3452, 0.2905**, and the grayscale version is **74.5563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **44.7461, 0.2837, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **79.2366, 0.2824, 0.3886**, and if you desaturate by 10%, it is **86.4030, 0.2969, 0.3553**.

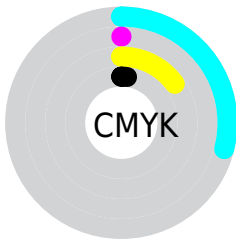
Distribution



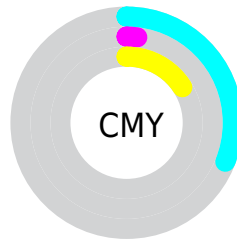
- Red (69%)
- Green (98%)
- Blue (84%)



- Red (69%)
- Yellow (89%)
- Blue (98%)



- Cyan (29%)
- Magenta (0%)
- Yellow (15%)
- Black (2%)




- Cyan (31%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5224, 0.2893, 0.3712 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 82.5224, 0.2893, 0.3712 by changing the saturation by 10% instead.


 82.5224, 0.2893,
0.3712

 82.5224, 0.2893,
0.3712


503.3934, 0.3002,
0.3515

 61.7962, 0.2868,
0.3757


 136.9063, 0.2931,
0.3643

 44.8681, 0.2837,
0.3814

171.3329, 0.2946,
0.3617

 31.3535, 0.2798,
0.3886

211.0951, 0.2958,
0.3594

 20.8682, 0.2746,
0.3980

256.5772, 0.2969,
0.3574

 13.0277, 0.2676,
0.4110

308.1637, 0.2979,
0.3556

 7.4476, 0.2574,
0.4299


366.2390, 0.2987,


 3.7436, 0.2415,

0.3541

431.1874, 0.2995,
0.3527


0.4599


 1.5312, 0.2084,
0.5193


 0.3105, 0.0000,
1.0000


 82.5224, 0.2893,
0.3712


 82.5224, 0.2893,
0.3712


 79.2366, 0.2824,
0.3886


 86.4030, 0.2969,
0.3553


 76.5049, 0.2766,
0.4072

 90.8966, 0.3050,
0.3409

 74.2972, 0.2723,
0.4268

 96.0328, 0.3134,
0.3281

 72.5765, 0.2697,
0.4469

 96.8624, 0.3129,
0.3243

■ 71.3005, 0.2691,
0.4670

■ 70.4191, 0.2705,
0.4865

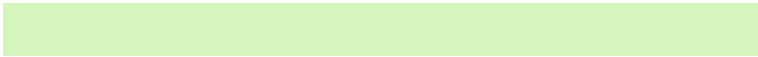
■ 69.8571, 0.2737,
0.5048

■ 69.8199, 0.2739,
0.5062

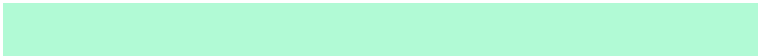
Harmonies

Analogous

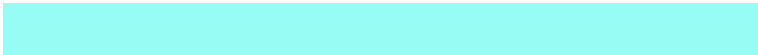
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5224, 0.3255, 0.3922



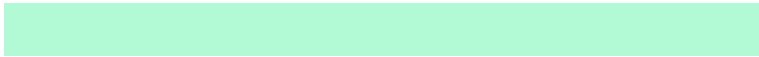
82.5224, 0.2893, 0.3712



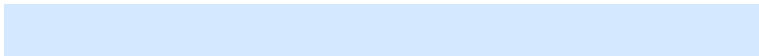
82.5224, 0.2605, 0.3371

Triad

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



82.5224, 0.2893, 0.3712



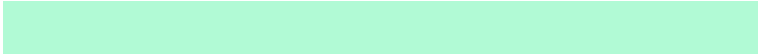
82.5224, 0.2654, 0.2691



82.5224, 0.3848, 0.3482

Complementary

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



82.5224, 0.2893, 0.3712



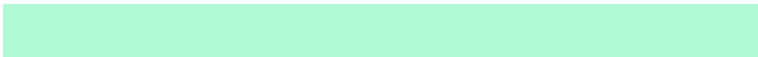
56.6028, 0.3452, 0.2905

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.



82.5224, 0.3670, 0.3181



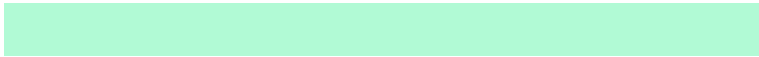
82.5224, 0.2893, 0.3712



82.5224, 0.2966, 0.2741

Square

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



82.5224, 0.2893, 0.3712



82.5224, 0.2474, 0.2788



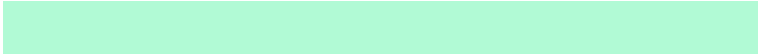
82.5224, 0.3339, 0.2916



82.5224, 0.3819, 0.3757

Rectangle

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



82.5224, 0.2893, 0.3712



82.5224, 0.2488, 0.3136



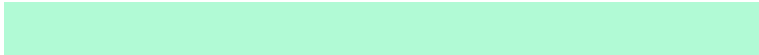
82.5224, 0.3339, 0.2916



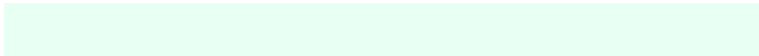
82.5224, 0.3811, 0.3381

Sweetspot

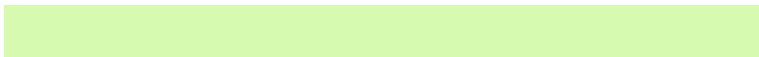
The Sweet Spot groups the original color and five complimentary colors.



82.5258, 0.2893, 0.3712



95.1775, 0.3052, 0.3406



85.9558, 0.3328, 0.4084



20.2161, 0.3040, 0.3426



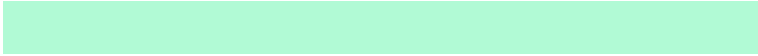
0.0000, 0.0000, 0.0000



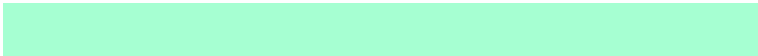
21.4041, 0.3127, 0.3290

Same Dimension

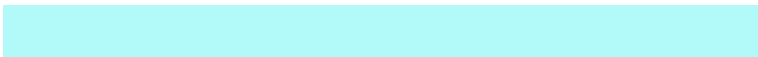
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5258, 0.2893, 0.3712



84.2414, 0.2852, 0.3811



84.5498, 0.2710, 0.3302



19.4520, 0.3048, 0.3413



37.0576, 0.2731, 0.5033



3.4535, 0.2670, 0.4813

Inverse Universe

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



56.6028, 0.3452, 0.2905



53.1440, 0.3540, 0.2825



54.9696, 0.3769, 0.3279



17.3720, 0.3214, 0.3170



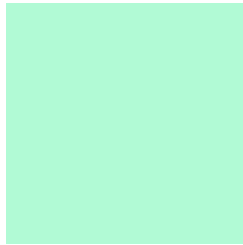
11.6184, 0.4933, 0.2491



1.0975, 0.4671, 0.2347

Previews

White Background



This preview shows how the Yxy color 82.5224, 0.2893, 0.3712 looks on a white background.

Color Contrast Check

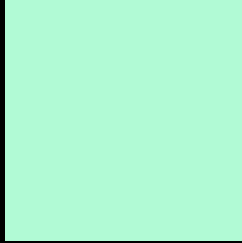
Large Text (above 18pt) WCAG AA × Fail

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 82.5224, 0.2893, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

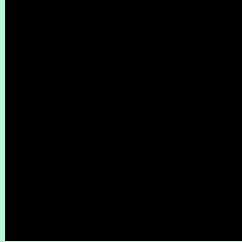
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

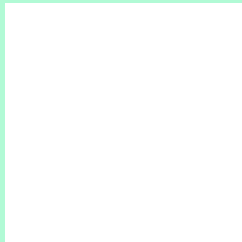
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5224, 0.2893, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 82.5224, 0.2893, 0.3712.

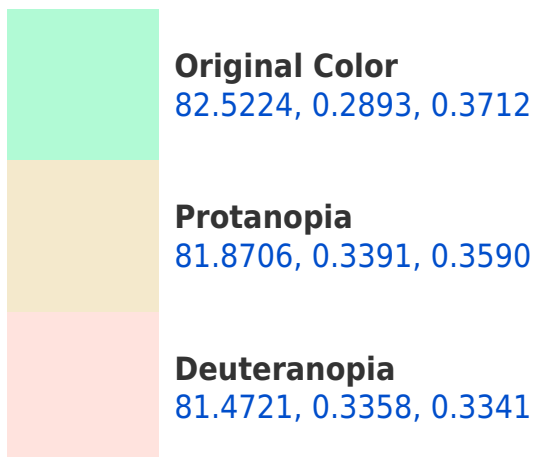


This preview shows how white text looks on a background with the Yxy color 82.5224, 0.2893, 0.3712.

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

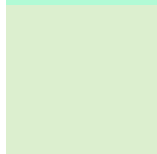
81.9577, 0.2800, 0.3130

Trichromacy



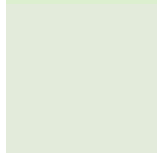
Original Color

82.5224, 0.2893, 0.3712



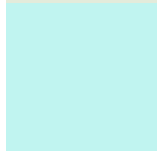
Protanomaly

81.4536, 0.3197, 0.3635



Deuteranomaly

80.8620, 0.3173, 0.3459



Tritanomaly

82.1991, 0.2831, 0.3333

Monochromacy



Original Color

82.5224, 0.2893, 0.3712



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

76.7105, 0.3034, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5224, 0.2893, 0.3712 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(177, 250, 213)` looks like.

```
.text, #text, p{  
    color:rgb(177, 250, 213)  
}
```

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(177, 250, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 250, 213) }
```

Border

The CSS property to change the border of an element to Yxy 82.5224, 0.2893, 0.3712 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(177, 250, 213) }
```

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

```
.border{ border-color:rgb(177, 250, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 250, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 250, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 250, 213);  
box-shadow:4px 4px 4px 4px rgb(177, 250,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5224, 0.2893, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 250, 213) }
```

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

```
.background{ background-color: rgb(177,  
250, 213) }
```

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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