

Converting Colors

$Yxy(82.7327, 0.2865, 0.3674)$

Have a look what the booklet for
Yxy(82.7327, 0.2865, 0.3674)
contains.

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Color

Yxy(82.4949, 0.2861, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	AFFAD9
RGB	175, 250, 217
RGB Percent	69%, 98%, 85%
CMY	0.3136, 0.0196, 0.1489
CMYK	0.30, 0.00, 0.13, 0.02
HSL	154°, 88%, 83%
HSV	154°, 30%, 98%
XYZ	64.3978, 82.4949, 78.1957
YIQ	223.8130, -34.1070, -26.1630

Conversions

Conversions Part 2

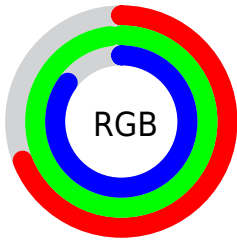
Format	Color
RYB	175, 223, 250
Decimal	11533017
CIELab	92.79, -29.78, 8.47
CIELCh	93, 30.964, 164.124
Yxy	82.4949, 0.2861, 0.3665
Android (android.graphics.Color)	4289723097 (0xFFAFFAD9)
YUV	223.8130, -3.3588, -42.8090
Hunter-Lab	90.8267, -32.3870, 12.5340

Details

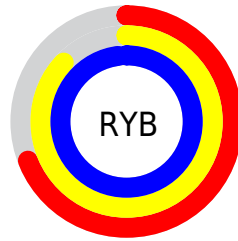
The Yxy color **82.4949, 0.2861, 0.3665** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.5507, 0.3507, 0.2945**, and the grayscale version is **74.4516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **44.7416, 0.2798, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **79.3144, 0.2786, 0.3815**, and if you desaturate by 10%, it is **86.2558, 0.2945, 0.3527**.

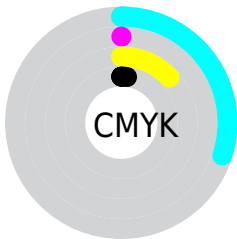
Distribution



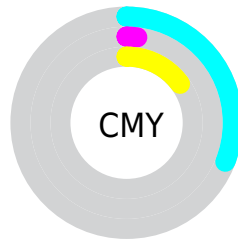
- Red (69%)
- Green (98%)
- Blue (85%)



- Red (69%)
- Yellow (87%)
- Blue (98%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)




- Cyan (31%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4949, 0.2861, 0.3665 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 82.4949, 0.2861, 0.3665 by changing the saturation by 10% instead.


 82.4949, 0.2861,
0.3665

 82.4949, 0.2861,
0.3665


503.3016, 0.2984,
0.3491

 61.7736, 0.2833,
0.3705

 136.8678, 0.2903,
0.3604

 44.8498, 0.2799,
0.3755


171.2881, 0.2920,
0.3581

 31.3391, 0.2755,
0.3818


211.0436, 0.2934,
0.3560

 20.8572, 0.2699,
0.3901

256.5186, 0.2947,
0.3543

 13.0197, 0.2622,
0.4014

308.0975, 0.2958,
0.3527

 7.4421, 0.2512,
0.4179


366.1647, 0.2967,


 3.7401, 0.2342,

0.3514


0.4439


431.1046, 0.2976,
0.3502


 1.5293, 0.1998,
0.4936


 0.3092, 0.0000,
1.0000


 82.4949, 0.2861,
0.3665


 82.4949, 0.2861,
0.3665


 79.3144, 0.2786,
0.3815

 86.2558, 0.2945,
0.3527


 76.6737, 0.2722,
0.3975


 90.6150, 0.3035,
0.3402

 74.5431, 0.2674,
0.4144


 95.6020, 0.3127,
0.3290

 72.8856, 0.2644,
0.4318

 96.8489, 0.3129,
0.3242

 71.6589, 0.2635,
0.4492

 70.8127, 0.2646,
0.4663

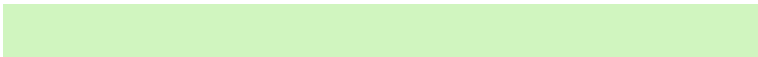
 70.2649, 0.2674,
0.4828

 70.2642, 0.2674,
0.4828

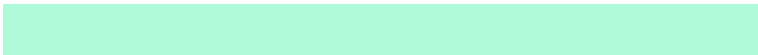
Harmonies

Analogous

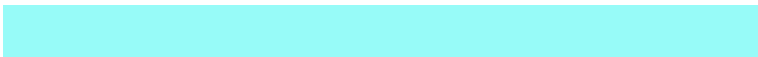
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4949, 0.3210, 0.3889



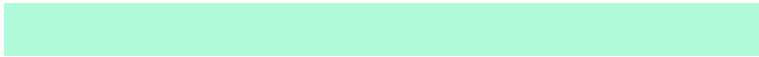
82.4949, 0.2861, 0.3665



82.4949, 0.2593, 0.3328

Triad

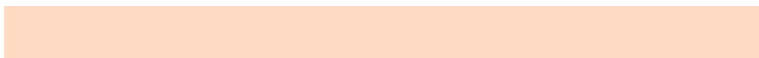
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4949, 0.2861, 0.3665



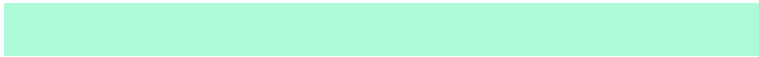
82.4949, 0.2697, 0.2705



82.4949, 0.3836, 0.3512

Complementary

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



82.4949, 0.2861, 0.3665



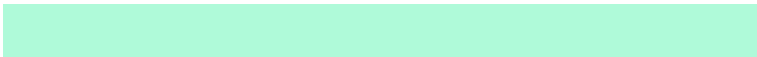
55.5507, 0.3507, 0.2945

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.



82.4949, 0.3685, 0.3218



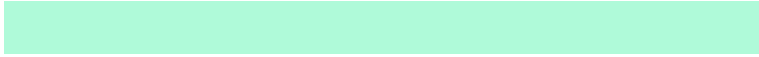
82.4949, 0.2861, 0.3665



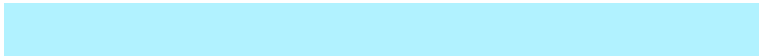
82.4949, 0.3012, 0.2769

Square

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



82.4949, 0.2861, 0.3665



82.4949, 0.2504, 0.2782



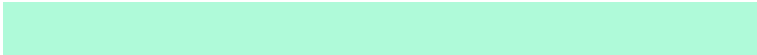
82.4949, 0.3376, 0.2953



82.4949, 0.3783, 0.3772

Rectangle

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



82.4949, 0.2861, 0.3665



82.4949, 0.2491, 0.3103



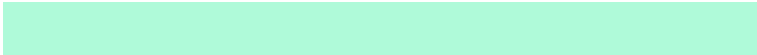
82.4949, 0.3376, 0.2953



82.4949, 0.3807, 0.3415

Sweetspot

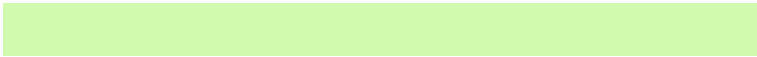
The Sweet Spot groups the original color and five complimentary colors.



82.4983, 0.2861, 0.3665



95.2711, 0.3044, 0.3391



84.9868, 0.3300, 0.4115



20.2392, 0.3030, 0.3408



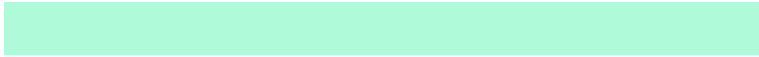
0.0000, 0.0000, 0.0000



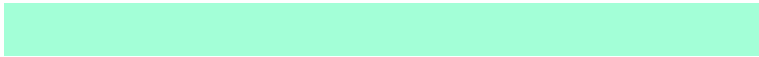
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4983, 0.2861, 0.3665



84.2151, 0.2814, 0.3754



82.0825, 0.2689, 0.3248



19.4721, 0.3039, 0.3396



37.3011, 0.2667, 0.4801



3.4760, 0.2612, 0.4604

Inverse Universe

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



55.5507, 0.3507, 0.2945



51.8644, 0.3613, 0.2873



55.5730, 0.3792, 0.3332



17.3520, 0.3225, 0.3186



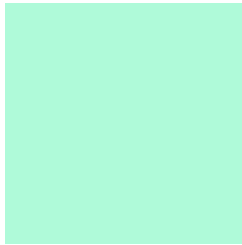
11.4047, 0.5217, 0.2648



1.0772, 0.4919, 0.2483

Previews

White Background



This preview shows how the Yxy color 82.4949, 0.2861, 0.3665 looks on a white background.

Color Contrast Check

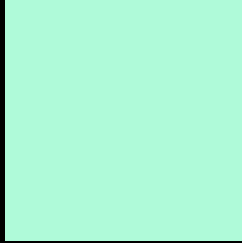
Large Text (above 18pt) WCAG AA × Fail

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 82.4949, 0.2861, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

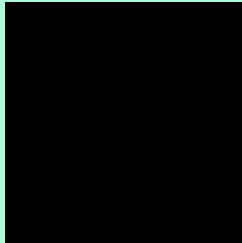
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

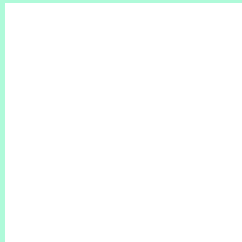
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4949, 0.2861, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 82.4949, 0.2861, 0.3665.

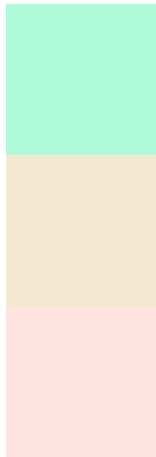


This preview shows how white text looks on a background with the Yxy color 82.4949, 0.2861, 0.3665.

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

82.4949, 0.2861, 0.3665

Protanopia

81.8866, 0.3358, 0.3548

Deuteranopia

81.5800, 0.3344, 0.3321



Tritanopia

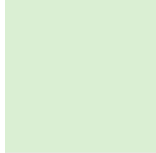
82.4100, 0.2795, 0.3141

Trichromacy



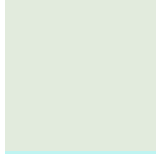
Original Color

82.4949, 0.2861, 0.3665



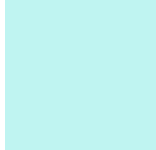
Protanomaly

81.3416, 0.3159, 0.3592



Deuteranomaly

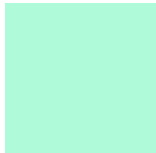
80.8059, 0.3154, 0.3438



Tritanomaly

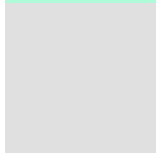
82.1286, 0.2820, 0.3322

Monochromacy



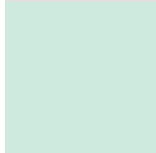
Original Color

82.4949, 0.2861, 0.3665



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

76.6201, 0.3021, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4949, 0.2861, 0.3665 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(175, 250, 217)` looks like.

```
.text, #text, p{  
    color:rgb(175, 250, 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(175, 250, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 250, 217) }
```

Border

The CSS property to change the border of an element to Yxy 82.4949, 0.2861, 0.3665 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(175, 250, 217) }
```

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

```
.border{ border-color:rgb(175, 250, 217) }
```

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

Here you see how a box with a 4 pixel rgb(175, 250, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 250, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 250, 217);  
box-shadow:4px 4px 4px 4px rgb(175, 250,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4949, 0.2861, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 250, 217) }
```

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

```
.background{ background-color: rgb(175,  
250, 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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