

Converting Colors

$Yxy(85.3413, 0.2842, 0.3491)$

Have a look what the booklet for
Yxy(85.3413, 0.2842, 0.3491)
contains.

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Color

Yxy(85.3167, 0.2839, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	BAFBE9
RGB	186, 251, 233
RGB Percent	73%, 98%, 91%
CMY	0.2704, 0.0157, 0.0863
CMYK	0.26, 0.00, 0.07, 0.02
HSL	163°, 89%, 86%
HSV	163°, 26%, 98%
XYZ	69.4620, 85.3167, 89.8920
YIQ	229.5130, -32.9620, -19.3780

Conversions

Conversions Part 2

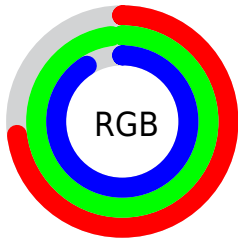
Format	Color
RYB	186, 224, 251
Decimal	12254185
CIELab	94.02, -23.85, 2.07
CIELCh	94, 23.937, 175.047
Yxy	85.3167, 0.2839, 0.3487
Android (android.graphics.Color)	4290444265 (0xFFBAFBE9)
YUV	229.5130, 1.7191, -38.1609
Hunter-Lab	92.3670, -27.4064, 6.9556

Details

The Yxy color **85.3167, 0.2839, 0.3487** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.0082, 0.3529, 0.3103**, and the grayscale version is **78.7657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **46.5832, 0.2775, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **82.0570, 0.2742, 0.3576**, and if you desaturate by 10%, it is **89.1513, 0.2946, 0.3405**.

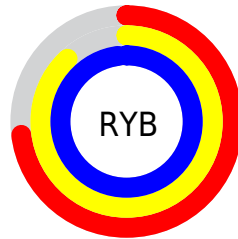
Distribution



Red (73%)

Green (98%)

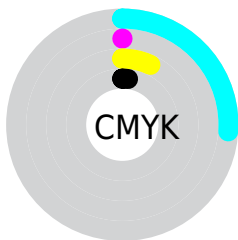
Blue (91%)



Red (73%)

Yellow (88%)

Blue (98%)

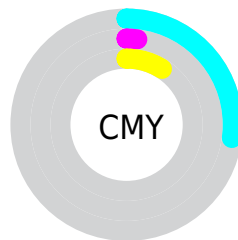


Cyan (26%)

Magenta (0%)

Yellow (7%)

Black (2%)



Cyan (27%)


Magenta (2%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.3167, 0.2839, 0.3487 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 85.3167, 0.2839, 0.3487 by changing the saturation by 10% instead.

 85.3167, 0.2839,
0.3487

 85.3167, 0.2839,
0.3487


512.6754, 0.2969,
0.3398

 64.1031, 0.2810,
0.3507


 140.8156, 0.2883,
0.3456

 46.7342, 0.2775,
0.3531


175.8696, 0.2901,
0.3444

 32.8256, 0.2731,
0.3562


216.3059, 0.2916,
0.3434

 21.9928, 0.2674,
0.3602

262.5089, 0.2929,
0.3425

 13.8516, 0.2599,
0.3655

314.8630, 0.2941,
0.3417

 8.0176, 0.2494,
0.3730


373.7525, 0.2951,


 4.1062, 0.2337,


0.3410


0.3843


439.5618, 0.2960,
0.3403


 1.7331, 0.2081,
0.4033


 0.4450, 0.0000,
0.5669


 85.3167, 0.2839,
0.3487


 85.3167, 0.2839,
0.3487

 82.0570, 0.2742,
0.3576


 89.1513, 0.2946,
0.3405


 79.3326, 0.2657,
0.3671

 93.5771, 0.3059,
0.3330

 77.1152, 0.2588,
0.3771

 97.3995, 0.3136,
0.3263

 75.3700, 0.2537,
0.3875

 97.4724, 0.3129,
0.3252

■ 74.0571, 0.2505,
0.3980

■ 73.1303, 0.2494,
0.4086

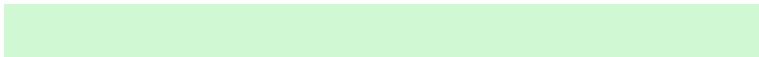
■ 72.5323, 0.2502,
0.4191

■ 72.3461, 0.2509,
0.4234

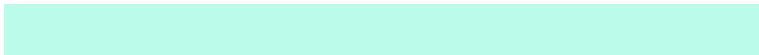
Harmonies

Analogous

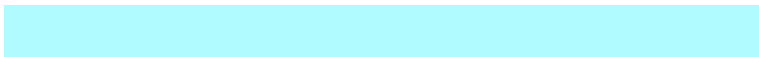
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3167, 0.3094, 0.3695



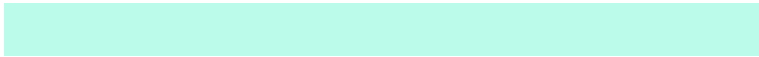
85.3167, 0.2839, 0.3487



85.3167, 0.2665, 0.3227

Triad

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



85.3167, 0.2839, 0.3487



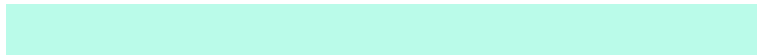
85.3167, 0.2878, 0.2841



85.3167, 0.3671, 0.3546

Complementary

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



85.3167, 0.2839, 0.3487



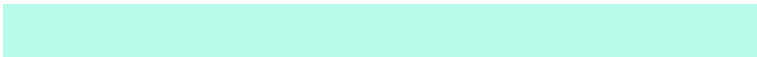
60.0082, 0.3529, 0.3103

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.



85.3167, 0.3611, 0.3322



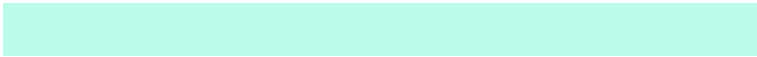
85.3167, 0.2839, 0.3487



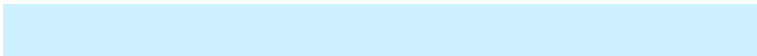
85.3167, 0.3142, 0.2928

Square

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



85.3167, 0.2839, 0.3487



85.3167, 0.2687, 0.2864



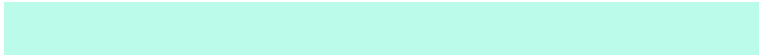
85.3167, 0.3413, 0.3100



85.3167, 0.3579, 0.3717

Rectangle

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



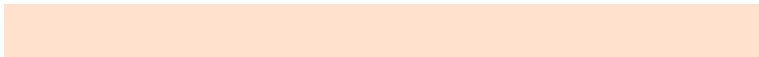
85.3167, 0.2839, 0.3487



85.3167, 0.2615, 0.3068



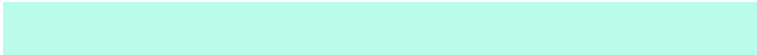
85.3167, 0.3413, 0.3100



85.3167, 0.3668, 0.3474

Sweetspot

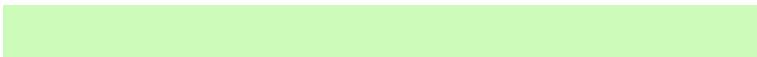
The Sweet Spot groups the original color and five complimentary colors.



85.3202, 0.2839, 0.3487



95.9753, 0.3034, 0.3346



85.4405, 0.3208, 0.4008



20.3905, 0.3017, 0.3357



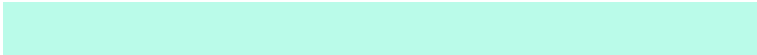
0.0000, 0.0000, 0.0000



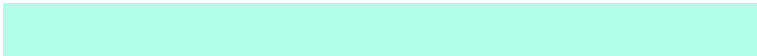
21.4041, 0.3127, 0.3290

Same Dimension

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



85.3202, 0.2839, 0.3487



86.6326, 0.2788, 0.3532



77.9343, 0.2733, 0.3135



19.5217, 0.3017, 0.3357



38.0552, 0.2505, 0.4216



3.5425, 0.2470, 0.4091

Inverse Universe

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



60.0082, 0.3529, 0.3103



56.3618, 0.3638, 0.3063



65.4196, 0.3645, 0.3439



17.3043, 0.3250, 0.3224



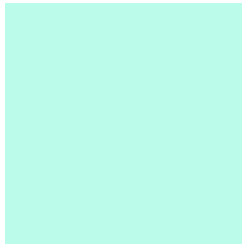
11.0312, 0.5845, 0.2994



1.0388, 0.5510, 0.2809

Previews

White Background



This preview shows how the Yxy color 85.3167, 0.2839, 0.3487 looks on a white background.

Color Contrast Check

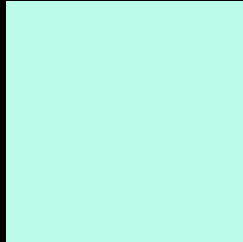
Large Text (above 18pt) WCAG AA × Fail

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 85.3167, 0.2839, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

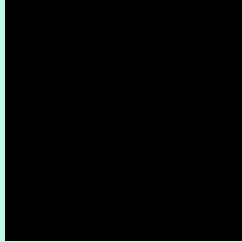
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.3167, 0.2839, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 85.3167, 0.2839, 0.3487.

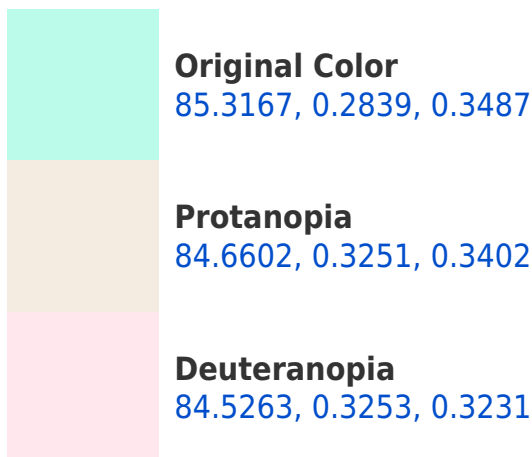


This preview shows how white text looks on a background with the Yxy color 85.3167, 0.2839, 0.3487.

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

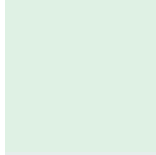
85.3182, 0.2866, 0.3165

Trichromacy



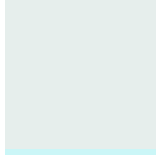
Original Color

85.3167, 0.2839, 0.3487



Protanomaly

84.2000, 0.3088, 0.3426



Deuteranomaly

84.0282, 0.3087, 0.3311



Tritanomaly

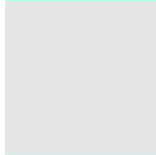
85.3234, 0.2858, 0.3279

Monochromacy



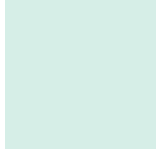
Original Color

85.3167, 0.2839, 0.3487



Achromatopsia

79.1298, 0.3127, 0.3290



Achromatomaly

81.2147, 0.3013, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3167, 0.2839, 0.3487 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(186, 251, 233)` looks like.

```
.text, #text, p{  
    color:rgb(186, 251, 233)  
}
```

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(186, 251, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 251, 233) }
```

Border

The CSS property to change the border of an element to Yxy 85.3167, 0.2839, 0.3487 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(186, 251, 233) }
```

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

```
.border{ border-color:rgb(186, 251, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 251, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 251, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 251, 233); box-shadow:4px 4px 4px 4px rgb(186, 251, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3167, 0.2839, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 251, 233) }
```

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

```
.background{ background-color: rgb(186,  
251, 233) }
```

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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