

Converting Colors

Yxy(86.0339, 0.2884, 0.3665)

Have a look what the booklet for
Yxy(86.0339, 0.2884, 0.3665)
contains.

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Color

Yxy(85.9960, 0.2886, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	B6FEDC
RGB	182, 254, 220
RGB Percent	71%, 100%, 86%
CMY	0.2864, 0.0039, 0.1372
CMYK	0.28, 0.00, 0.13, 0.00
HSL	152°, 97%, 85%
HSV	152°, 28%, 100%
XYZ	67.6436, 85.9960, 80.7458
YIQ	228.5960, -31.9980, -25.8380

Conversions

Conversions Part 2

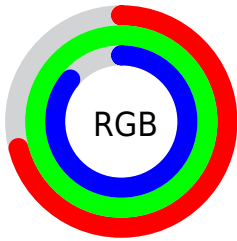
Format	Color
R _Y B	182, 229, 254
Decimal	11992796
CIE Lab	94.31, -29.07, 9.16
CIE LCh	94, 30.477, 162.507
Yxy	85.9960, 0.2886, 0.3669
Android (android.graphics.Color)	4290182876 (0xFFB6FEDC)
YUV	228.5960, -4.2378, -40.8647
Hunter-Lab	92.7340, -32.0801, 13.2886

Details

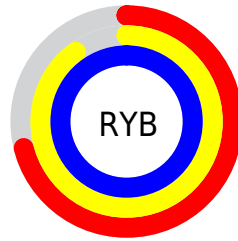
The Yxy color **85.9960, 0.2886, 0.3669** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.4672, 0.3462, 0.2941**, and the grayscale version is **78.0873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **47.1611, 0.2829, 0.3758** is the 20% darker color. If you saturate the color by 10%, you get **82.5705, 0.2813, 0.3829**, and if you desaturate by 10%, it is **90.0350, 0.2967, 0.3523**.

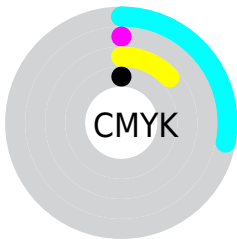
Distribution



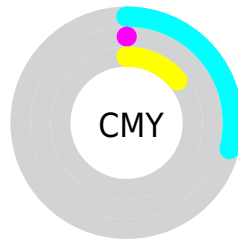
- Red (71%)
- Green (100%)
- Blue (86%)



- Red (71%)
- Yellow (90%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.9960, 0.2886, 0.3669 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 85.9960, 0.2886, 0.3669 by changing the saturation by 10% instead.


 85.9960, 0.2886,
0.3669

 85.9960, 0.2886,
0.3669


514.9180, 0.2997,
0.3494

 64.6647, 0.2861,
0.3709


 141.7639, 0.2924,
0.3608

 47.1892, 0.2830,
0.3758


176.9693, 0.2939,
0.3585

 33.1853, 0.2791,
0.3821


217.5681, 0.2952,
0.3564

 22.2684, 0.2741,
0.3902

263.9448, 0.2963,
0.3547

 14.0543, 0.2673,
0.4013

316.4837, 0.2973,
0.3531

 8.1584, 0.2576,
0.4173

375.5693, 0.2982,

 4.1965, 0.2427,

0.3517

0.4422

441.5859, 0.2990,
0.3505

1.7841, 0.2170,
0.4861

0.4772, 0.0000,
1.0000

85.9960, 0.2886,
0.3669

85.9960, 0.2886,
0.3669

82.5705, 0.2813,
0.3829

90.0350, 0.2967,
0.3523


79.7166, 0.2750,
0.4001


94.7059, 0.3053,
0.3390

77.4036, 0.2702,
0.4182


99.3723, 0.3128,
0.3281

75.5936, 0.2672,
0.4369

 74.2433, 0.2662,
0.4556

 73.3020, 0.2672,
0.4740

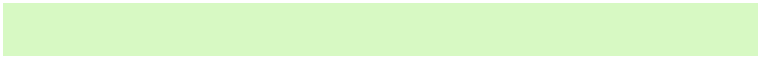
 72.6990, 0.2701,
0.4915

 72.6171, 0.2707,
0.4943

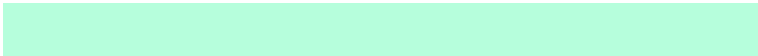
Harmonies

Analogous

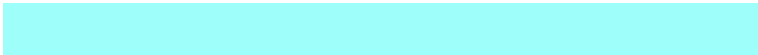
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9960, 0.3227, 0.3877



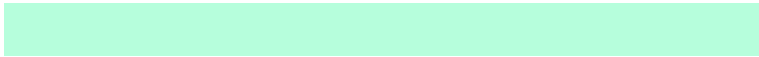
85.9960, 0.2886, 0.3669



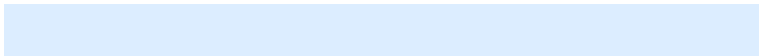
85.9960, 0.2619, 0.3345

Triad

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



85.9960, 0.2886, 0.3669



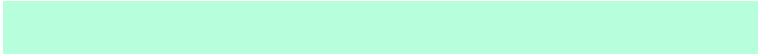
85.9960, 0.2696, 0.2721



85.9960, 0.3812, 0.3492

Complementary

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



85.9960, 0.2886, 0.3669



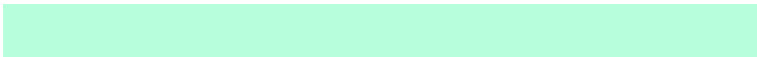
59.4672, 0.3462, 0.2941

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.



85.9960, 0.3655, 0.3205



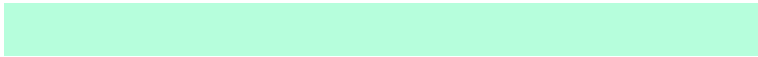
85.9960, 0.2886, 0.3669



85.9960, 0.2997, 0.2777

Square

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



85.9960, 0.2886, 0.3669



85.9960, 0.2515, 0.2805



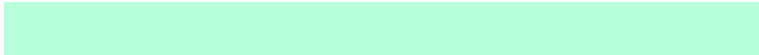
85.9960, 0.3351, 0.2950



85.9960, 0.3772, 0.3747

Rectangle

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



85.9960, 0.2886, 0.3669



85.9960, 0.2514, 0.3125



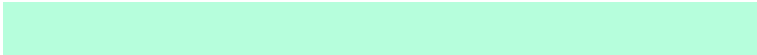
85.9960, 0.3351, 0.2950



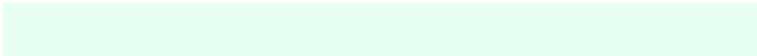
85.9960, 0.3781, 0.3397

Sweetspot

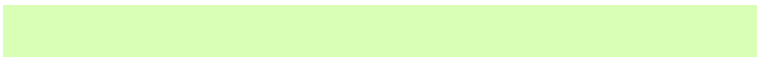
The Sweet Spot groups the original color and five complimentary colors.



85.9996, 0.2886, 0.3669



95.2261, 0.3048, 0.3398



88.9865, 0.3307, 0.4063



20.2281, 0.3035, 0.3417



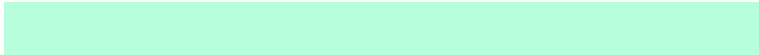
0.0000, 0.0000, 0.0000



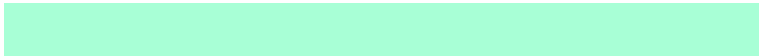
21.4041, 0.3127, 0.3290

Same Dimension

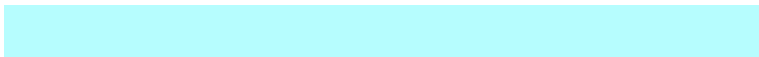
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9996, 0.2886, 0.3669



84.7370, 0.2843, 0.3758



87.2287, 0.2713, 0.3276



20.3285, 0.3043, 0.3404



38.3101, 0.2699, 0.4915



3.7522, 0.2643, 0.4716

Inverse Universe

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



59.4672, 0.3462, 0.2941



53.9905, 0.3551, 0.2869



58.3806, 0.3752, 0.3304



18.1298, 0.3220, 0.3178



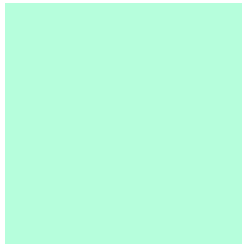
11.8515, 0.5083, 0.2574



1.1758, 0.4814, 0.2426

Previews

White Background



This preview shows how the Yxy color 85.9960, 0.2886, 0.3669 looks on a white background.

Color Contrast Check

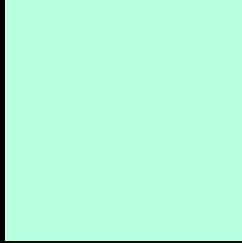
Large Text (above 18pt) WCAG AA × Fail

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 85.9960, 0.2886, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

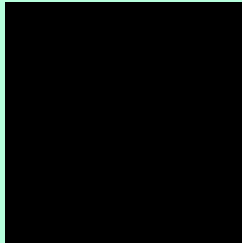
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.9960, 0.2886, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 85.9960, 0.2886, 0.3669.

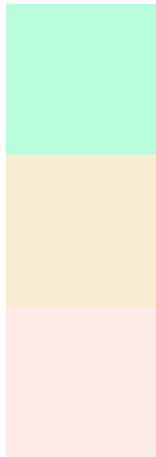


This preview shows how white text looks on a background with the Yxy color 85.9960, 0.2886, 0.3669.

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

85.9960, 0.2886, 0.3669

Protanopia

85.2280, 0.3367, 0.3554

Deuteranopia

85.2510, 0.3297, 0.3320



Tritanopia

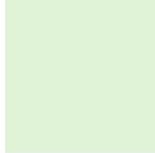
85.4673, 0.2872, 0.3165

Trichromacy



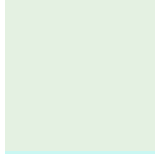
Original Color

85.9960, 0.2886, 0.3669



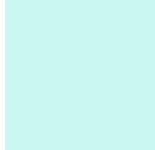
Protanomaly

84.8035, 0.3178, 0.3597



Deuteranomaly

84.8956, 0.3133, 0.3446



Tritanomaly

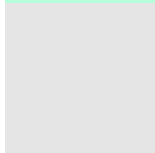
85.4889, 0.2879, 0.3343

Monochromacy



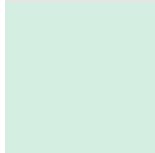
Original Color

85.9960, 0.2886, 0.3669



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

80.6371, 0.3030, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9960, 0.2886, 0.3669 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(182, 254, 220)` looks like.

```
.text, #text, p{  
    color:rgb(182, 254, 220)  
}
```

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(182, 254, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 254, 220) }
```

Border

The CSS property to change the border of an element to Yxy 85.9960, 0.2886, 0.3669 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(182, 254, 220) }
```

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

```
.border{ border-color:rgb(182, 254, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 254, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 254, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 254, 220);  
box-shadow:4px 4px 4px 4px rgb(182, 254,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9960, 0.2886, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 254, 220) }
```

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

```
.background{ background-color: rgb(182,  
254, 220) }
```

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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