

Converting Colors

$Yxy(86.6067, 0.2781, 0.3372)$

Have a look what the booklet for
Yxy(86.6067, 0.2781, 0.3372)
contains.

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Color

Yxy(86.5916, 0.2783, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	BAFCF4
RGB	186, 252, 244
RGB Percent	73%, 99%, 96%
CMY	0.2707, 0.0117, 0.0432
CMYK	0.26, 0.00, 0.03, 0.01
HSL	173°, 92%, 86%
HSV	173°, 26%, 99%
XYZ	71.3816, 86.5916, 98.5185
YIQ	231.3540, -36.7680, -16.4800

Conversions

Conversions Part 2

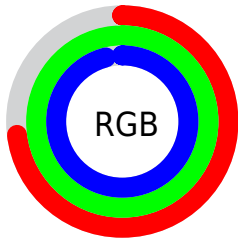
Format	Color
RYB	186, 221, 252
Decimal	12254452
CIELab	94.56, -22.09, -2.81
CIELCh	95, 22.266, 187.257
Yxy	86.5916, 0.2783, 0.3376
Android (android.graphics.Color)	4290444532 (0xFFBAFCF4)
YUV	231.3540, 6.2345, -39.7755
Hunter-Lab	93.0546, -25.9193, 2.3669

Details

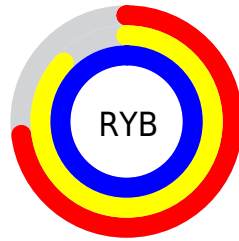
The Yxy color **86.5916, 0.2783, 0.3376** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.7023, 0.3623, 0.3207**, and the grayscale version is **80.1595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **47.4863, 0.2707, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **83.5279, 0.2670, 0.3414**, and if you desaturate by 10%, it is **90.2220, 0.2908, 0.3341**.

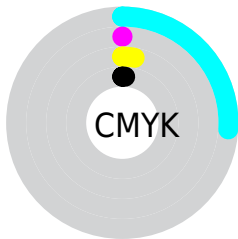
Distribution



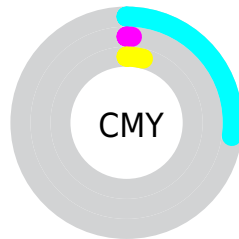
- Red (73%)
- Green (99%)
- Blue (96%)



- Red (73%)
- Yellow (87%)
- Blue (99%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)





- Cyan (27%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.5916, 0.2783, 0.3376 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 86.5916, 0.2783, 0.3376 by changing the saturation by 10% instead.

 86.5916, 0.2783,
0.3376

 86.5916, 0.2783,
0.3376


516.8799, 0.2936,
0.3339

 65.1573, 0.2749,
0.3384


 142.5948, 0.2835,
0.3364

 47.5886, 0.2708,
0.3393


177.9324, 0.2856,
0.3359

 33.5012, 0.2657,
0.3405


218.6733, 0.2874,
0.3354

 22.5107, 0.2592,
0.3420

265.2018, 0.2889,
0.3350

 14.2326, 0.2507,
0.3438

317.9023, 0.2903,
0.3347

 8.2826, 0.2389,
0.3463

377.1592, 0.2915,

 4.2763, 0.2217,

0.3344

443.3570, 0.2926,
0.3341

0.3497

1.8293, 0.1943,
0.3545

0.5053, 0.0000,
0.4036

86.5916, 0.2783,
0.3376

86.5916, 0.2783,
0.3376

83.5279, 0.2670,
0.3414

90.2220, 0.2908,
0.3341

80.9911, 0.2572,
0.3453


94.4357, 0.3041,
0.3309


78.9527, 0.2490,
0.3495


97.9917, 0.3139,
0.3279

77.3775, 0.2428,
0.3537

98.1086, 0.3128,
0.3262

 76.2253, 0.2385,
0.3580

 75.4494, 0.2361,
0.3623

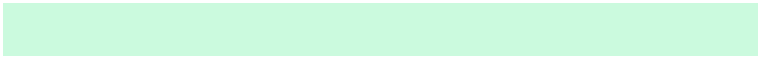
 74.9913, 0.2355,
0.3666

 74.8671, 0.2356,
0.3682

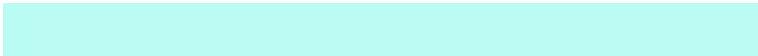
Harmonies

Analogous

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



86.5916, 0.2995, 0.3596



86.5916, 0.2783, 0.3376



86.5916, 0.2664, 0.3140

Triad

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



86.5916, 0.2783, 0.3376



86.5916, 0.2991, 0.2894



86.5916, 0.3612, 0.3602

Complementary

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



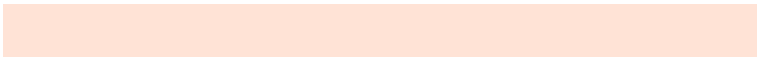
86.5916, 0.2783, 0.3376



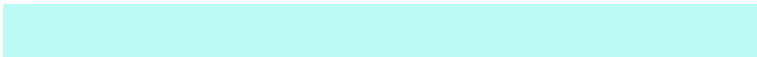
59.7023, 0.3623, 0.3207

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.



86.5916, 0.3614, 0.3408



86.5916, 0.2783, 0.3376



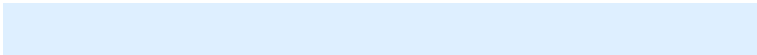
86.5916, 0.3247, 0.3010

Square

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



86.5916, 0.2783, 0.3376



86.5916, 0.2780, 0.2873



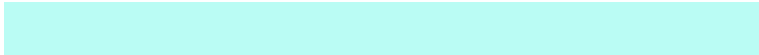
86.5916, 0.3479, 0.3195



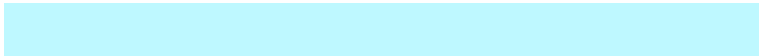
86.5916, 0.3476, 0.3723

Rectangle

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



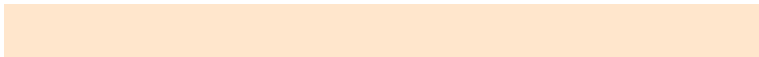
86.5916, 0.2783, 0.3376



86.5916, 0.2649, 0.3010



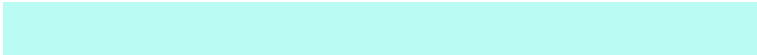
86.5916, 0.3479, 0.3195



86.5916, 0.3629, 0.3543

Sweetspot

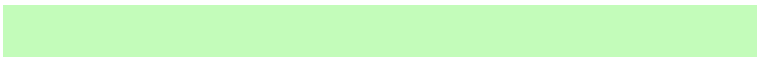
The Sweet Spot groups the original color and five complimentary colors.



86.5951, 0.2783, 0.3376



96.1753, 0.3017, 0.3314



84.7460, 0.3146, 0.4032



20.4412, 0.2996, 0.3319



0.0000, 0.0000, 0.0000



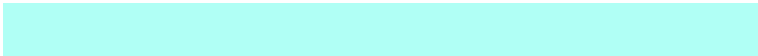
21.4041, 0.3127, 0.3290

Same Dimension

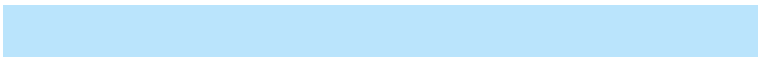
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5951, 0.2783, 0.3376



87.3600, 0.2727, 0.3394



72.8423, 0.2717, 0.3022



19.5701, 0.2997, 0.3319



39.0096, 0.2354, 0.3675



3.6229, 0.2340, 0.3624

Inverse Universe

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



59.7023, 0.3623, 0.3207



55.8180, 0.3749, 0.3191



70.4295, 0.3628, 0.3543



17.2596, 0.3275, 0.3261



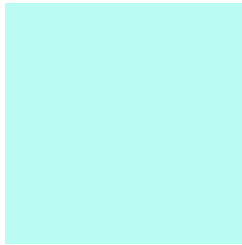
10.8422, 0.6251, 0.3217



1.0148, 0.5997, 0.3077

Previews

White Background



This preview shows how the Yxy color 86.5916, 0.2783, 0.3376 looks on a white background.

Color Contrast Check

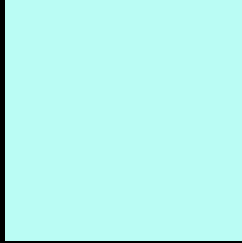
Large Text (above 18pt) WCAG AA × Fail

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 86.5916, 0.2783, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

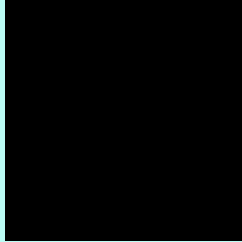
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.5916, 0.2783, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 86.5916, 0.2783, 0.3376.

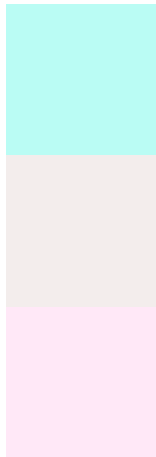


This preview shows how white text looks on a background with the Yxy color 86.5916, 0.2783, 0.3376.

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

86.5916, 0.2783, 0.3376

Protanopia

85.6792, 0.3173, 0.3300

Deuteranopia

85.6886, 0.3188, 0.3144



Tritanopia

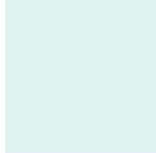
86.3684, 0.2884, 0.3176

Trichromacy



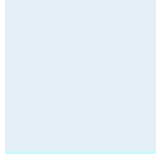
Original Color

86.5916, 0.2783, 0.3376



Protanomaly

85.2659, 0.3017, 0.3321



Deuteranomaly

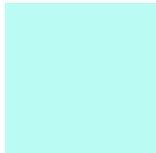
85.2098, 0.3027, 0.3218



Tritanomaly

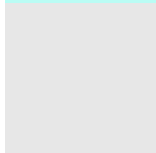
86.3239, 0.2843, 0.3247

Monochromacy



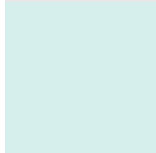
Original Color

86.5916, 0.2783, 0.3376



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.2362, 0.2990, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.5916, 0.2783, 0.3376 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, 252, 244)` looks like.

```
.text, #text, p{  
    color:rgb(186, 252, 244)  
}
```

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, 252, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 252, 244) }
```

Border

The CSS property to change the border of an element to Yxy 86.5916, 0.2783, 0.3376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

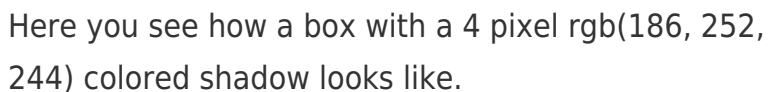
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 252, 244) }
```

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

```
.border{ border-color:rgb(186, 252, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 252, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 252, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 252, 244); box-shadow:4px 4px 4px 4px rgb(186, 252, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 86.5916, 0.2783, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 252, 244) }
```

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

```
.background{ background-color: rgb(186,  
252, 244) }
```

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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