

Converting Colors

$Yxy(84.8835, 0.2674, 0.3278)$

Have a look what the booklet for
Yxy(84.8835, 0.2674, 0.3278)
contains.

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Color

Yxy(84.9069, 0.2675, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	ADFBFC
RGB	173, 251, 252
RGB Percent	68%, 98%, 99%
CMY	0.3219, 0.0156, 0.0118
CMYK	0.31, 0.00, 0.00, 0.01
HSL	181°, 93%, 83%
HSV	181°, 31%, 99%
XYZ	69.2880, 84.9069, 104.8256
YIQ	227.7920, -46.8090, -16.2250

Conversions

Conversions Part 2

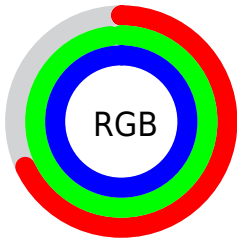
Format	Color
RYB	173, 212, 252
Decimal	11402236
CIELab	93.84, -23.46, -8.10
CIELCh	94, 24.823, 199.045
Yxy	84.9069, 0.2675, 0.3278
Android (android.graphics.Color)	4289592316 (0xFFADFBFC)
YUV	227.7920, 11.9345, -48.0526
Hunter-Lab	92.1449, -27.0314, -2.9478

Details

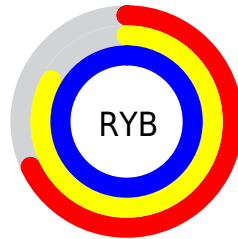
The Yxy color **84.9069, 0.2675, 0.3278** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.9428, 0.3844, 0.3303**, and the grayscale version is **77.3508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **46.3056, 0.2579, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **82.1110, 0.2557, 0.3274**, and if you desaturate by 10%, it is **88.2515, 0.2808, 0.3282**.

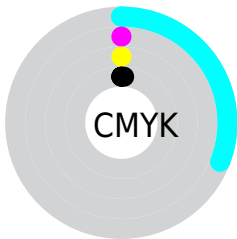
Distribution



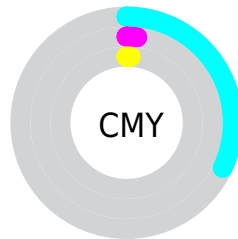
- Red (68%)
- Green (98%)
- Blue (99%)



- Red (68%)
- Yellow (83%)
- Blue (99%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)




- Cyan (32%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.9069, 0.2675, 0.3278 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 84.9069, 0.2675, 0.3278 by changing the saturation by 10% instead.

 84.9069, 0.2675,
0.3278

 84.9069, 0.2675,
0.3278


511.3200, 0.2876,
0.3287

 63.7645, 0.2631,
0.3275

 140.2431, 0.2743,
0.3282

 46.4599, 0.2578,
0.3272

175.2056, 0.2770,
0.3283

 32.6089, 0.2512,
0.3266


215.5437, 0.2793,
0.3284

 21.8270, 0.2428,
0.3259

261.6416, 0.2814,
0.3285

 13.7298, 0.2318,
0.3247

313.8838, 0.2832,
0.3285

 7.9330, 0.2168,
0.3227

372.6546, 0.2848,

 4.0521, 0.1953,

0.3286

0.3192

438.3386, 0.2863,
0.3287

1.7028, 0.1619,
0.3118

0.4254, 0.0000,
0.2921

84.9069, 0.2675,
0.3278

84.9069, 0.2675,
0.3278

82.1110, 0.2557,
0.3274

88.2515, 0.2808,
0.3282

79.8232, 0.2457,
0.3270

92.1629, 0.2952,
0.3286

78.0132, 0.2375,
0.3265

96.6705, 0.3106,
0.3290

76.6434, 0.2313,
0.3261

98.0730, 0.3146,
0.3293

■ 75.6708, 0.2271,
0.3257

■ 98.2685, 0.3146,
0.3296

■ 75.0433, 0.2246,
0.3253

■ 98.4643, 0.3146,
0.3299

■ 74.7102, 0.2236,
0.3249

■ 98.6604, 0.3145,
0.3301

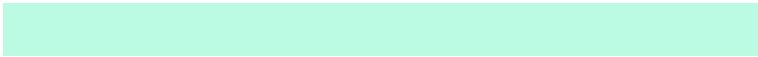
■ 98.8568, 0.3145,
0.3304

■ 99.0536, 0.3145,
0.3307

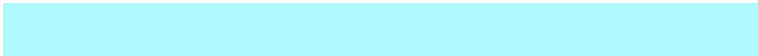
Harmonies

Analogous

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



84.9069, 0.2876, 0.3545



84.9069, 0.2675, 0.3278



84.9069, 0.2593, 0.3029

Triad

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



84.9069, 0.2675, 0.3278



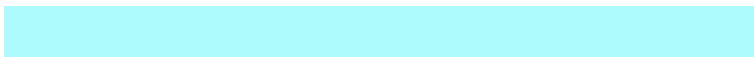
84.9069, 0.3084, 0.2888



84.9069, 0.3627, 0.3704

Complementary

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



84.9069, 0.2675, 0.3278



53.9428, 0.3844, 0.3303

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.



84.9069, 0.3693, 0.3511



84.9069, 0.2675, 0.3278



84.9069, 0.3372, 0.3051

Square

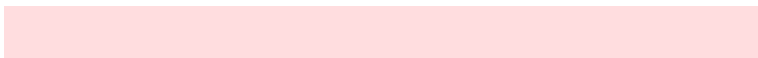
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



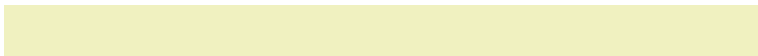
84.9069, 0.2675, 0.3278



84.9069, 0.2820, 0.2820



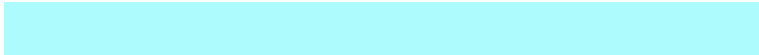
84.9069, 0.3598, 0.3274



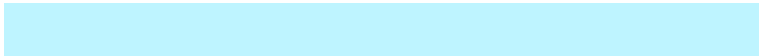
84.9069, 0.3425, 0.3795

Rectangle

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



84.9069, 0.2675, 0.3278



84.9069, 0.2612, 0.2909



84.9069, 0.3598, 0.3274



84.9069, 0.3666, 0.3648

Sweetspot

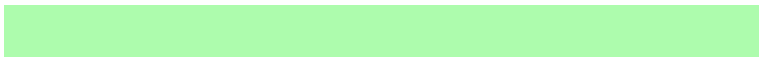
The Sweet Spot groups the original color and five complimentary colors.



84.9103, 0.2675, 0.3278



95.7239, 0.2988, 0.3287



81.5071, 0.3084, 0.4220



20.3511, 0.2966, 0.3286



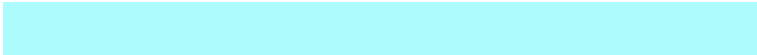
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



84.9103, 0.2675, 0.3278



85.2597, 0.2595, 0.3275



63.2214, 0.2622, 0.2837



19.5697, 0.2980, 0.3287



38.9370, 0.2236, 0.3250



3.6177, 0.2238, 0.3255

Inverse Universe

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



57.5199, 0.3171, 0.2516



52.8912, 0.3181, 0.2358



71.0262, 0.3719, 0.3703



17.5207, 0.3140, 0.3059



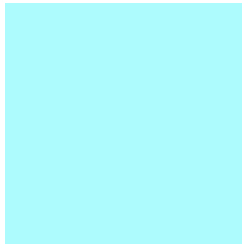
14.3416, 0.3240, 0.1559



1.3294, 0.3236, 0.1556

Previews

White Background



This preview shows how the Yxy color 84.9069, 0.2675, 0.3278 looks on a white background.

Color Contrast Check

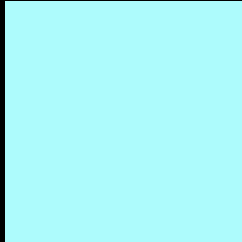
Large Text (above 18pt) WCAG AA × Fail

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 84.9069, 0.2675, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

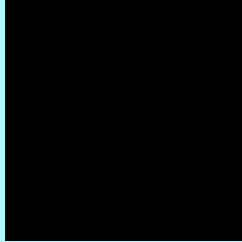
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.9069, 0.2675, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 84.9069, 0.2675, 0.3278.

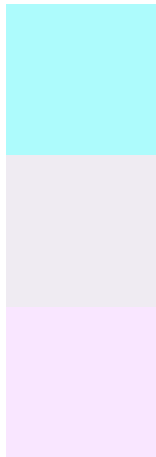


This preview shows how white text looks on a background with the Yxy color 84.9069, 0.2675, 0.3278.

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

84.9069, 0.2675, 0.3278

Protanopia

84.1782, 0.3110, 0.3219

Deuteranopia

83.9534, 0.3098, 0.3045



Tritanopia

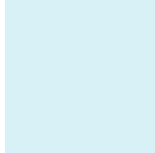
84.3003, 0.2825, 0.3163

Trichromacy



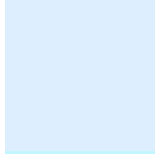
Original Color

84.9069, 0.2675, 0.3278



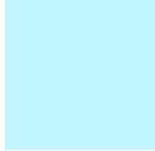
Protanomaly

84.0115, 0.2933, 0.3237



Deuteranomaly

83.6770, 0.2924, 0.3125



Tritanomaly

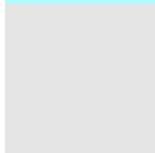
84.4047, 0.2765, 0.3204

Monochromacy



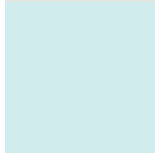
Original Color

84.9069, 0.2675, 0.3278



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

79.5152, 0.2940, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9069, 0.2675, 0.3278 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(173, 251, 252)` looks like.

```
.text, #text, p{  
    color:rgb(173, 251, 252)  
}
```

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(173, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 251, 252) }
```

Border

The CSS property to change the border of an element to Yxy 84.9069, 0.2675, 0.3278 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(173, 251, 252) }
```

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

```
.border{ border-color:rgb(173, 251, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 251, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(173, 251,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9069, 0.2675, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 251, 252) }
```

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

```
.background{ background-color: rgb(173,  
251, 252) }
```

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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