

Converting Colors

$Yxy(79.8071, 0.2763, 0.3595)$

Have a look what the booklet for
Yxy(79.8071, 0.2763, 0.3595)
contains.

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Color

Yxy(79.9323, 0.2764, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	A1F8DD
RGB	161, 248, 221
RGB Percent	63%, 97%, 87%
CMY	0.3685, 0.0274, 0.1334
CMYK	0.35, 0.00, 0.11, 0.03
HSL	161°, 86%, 80%
HSV	161°, 35%, 97%
XYZ	61.3191, 79.9323, 80.5978
YIQ	218.9090, -43.1850, -26.8410

Conversions

Conversions Part 2

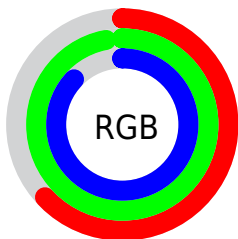
Format	Color
RYB	161, 212, 248
Decimal	10615005
CIELab	91.65, -31.99, 4.69
CIELCh	92, 32.332, 171.656
Yxy	79.9323, 0.2764, 0.3603
Android (android.graphics.Color)	4288805085 (0xFFA1F8DD)
YUV	218.9090, 1.0309, -50.7862
Hunter-Lab	89.4049, -34.0327, 9.1339

Details

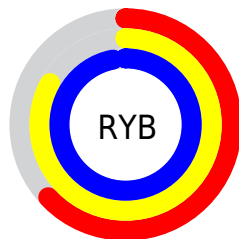
The Yxy color **79.9323, 0.2764, 0.3603** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **49.0879, 0.3703, 0.3002**, and the grayscale version is **70.7923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **43.0789, 0.2682, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **77.2078, 0.2681, 0.3710**, and if you desaturate by 10%, it is **83.1931, 0.2858, 0.3504**.

Distribution



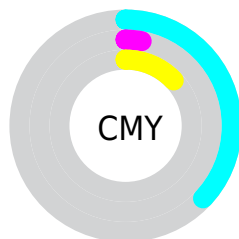
- Red (63%)
- Green (97%)
- Blue (87%)



- Red (63%)
- Yellow (83%)
- Blue (97%)



- Cyan (35%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)





- Cyan (37%)
- Magenta (3%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9323, 0.2764, 0.3603 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 79.9323, 0.2764, 0.3603 by changing the saturation by 10% instead.


 79.9323, 0.2764,
0.3603


 79.9323, 0.2764,
0.3603

494.7047, 0.2930,
0.3458

 59.6626, 0.2726,
0.3636


 133.2705, 0.2821,
0.3553

 43.1468, 0.2680,
0.3677

 167.1079, 0.2844,
0.3533

 30.0003, 0.2622,
0.3729


206.2367, 0.2863,
0.3516

 19.8388, 0.2547,
0.3797

251.0412, 0.2880,
0.3502

 12.2779, 0.2446,
0.3890

301.9058, 0.2895,
0.3489

 6.9333, 0.2302,
0.4025


359.2150, 0.2908,


 3.4204, 0.2083,


0.3477


0.4235


423.3532, 0.2920,
0.3467


 1.3549, 0.1546,
0.4702


 0.1832, 0.0000,
1.0000


 79.9323, 0.2764,
0.3603


 79.9323, 0.2764,
0.3603


 77.2078, 0.2681,
0.3710


 83.1931, 0.2858,
0.3504


 74.9793, 0.2614,
0.3823

 87.0085, 0.2962,
0.3412

 73.2161, 0.2564,
0.3940

 91.4080, 0.3071,
0.3329

 71.8802, 0.2533,
0.4059

 95.4111, 0.3149,
0.3254

■ 70.9271, 0.2524,
0.4179

■ 95.6156, 0.3130,
0.3223

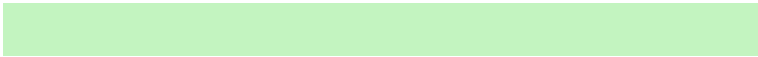
■ 70.3023, 0.2533,
0.4298

■ 70.0756, 0.2543,
0.4356

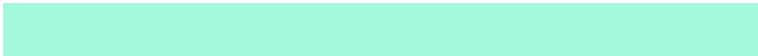
Harmonies

Analogous

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



79.9323, 0.3118, 0.3883



79.9323, 0.2764, 0.3603



79.9323, 0.2516, 0.3236

Triad

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



79.9323, 0.2764, 0.3603



79.9323, 0.2747, 0.2678



79.9323, 0.3882, 0.3597

Complementary

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



79.9323, 0.2764, 0.3603



49.0879, 0.3703, 0.3002

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.



79.9323, 0.3775, 0.3290



79.9323, 0.2764, 0.3603



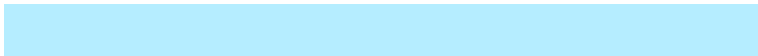
79.9323, 0.3100, 0.2781

Square

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



79.9323, 0.2764, 0.3603



79.9323, 0.2508, 0.2720



79.9323, 0.3482, 0.2999



79.9323, 0.3772, 0.3851

Rectangle

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



79.9323, 0.2764, 0.3603



79.9323, 0.2437, 0.3010



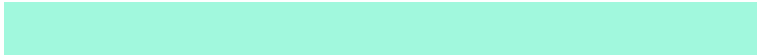
79.9323, 0.3482, 0.2999



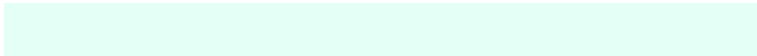
79.9323, 0.3870, 0.3497

Sweetspot

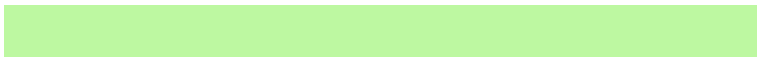
The Sweet Spot groups the original color and five complimentary colors.



79.9355, 0.2764, 0.3603



94.5144, 0.3005, 0.3377



80.4734, 0.3249, 0.4294



20.0968, 0.2991, 0.3389



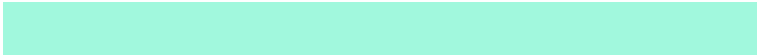
0.0000, 0.0000, 0.0000



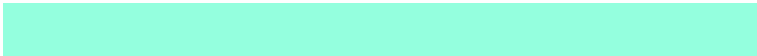
21.4041, 0.3127, 0.3290

Same Dimension

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



79.9355, 0.2764, 0.3603



83.0668, 0.2705, 0.3677



72.1019, 0.2607, 0.3106



19.5114, 0.3022, 0.3365



37.8808, 0.2538, 0.4337



3.5275, 0.2499, 0.4196

Inverse Universe

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



49.0879, 0.3703, 0.3002



45.7511, 0.3872, 0.2944



53.9639, 0.3907, 0.3464



17.3140, 0.3245, 0.3217



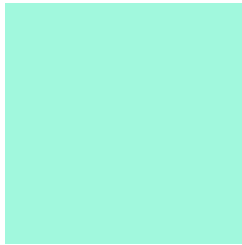
11.0921, 0.5729, 0.2929



1.0455, 0.5393, 0.2744

Previews

White Background



This preview shows how the Yxy color 79.9323, 0.2764, 0.3603 looks on a white background.

Color Contrast Check

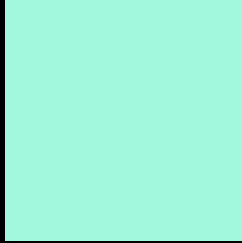
Large Text (above 18pt) WCAG AA × Fail

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 79.9323, 0.2764, 0.3603 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

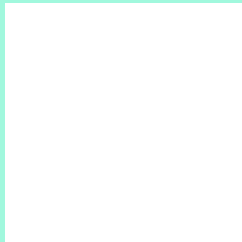
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.9323, 0.2764, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 79.9323, 0.2764, 0.3603.

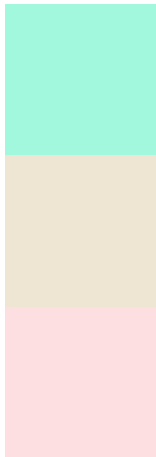


This preview shows how white text looks on a background with the Yxy color 79.9323, 0.2764, 0.3603.

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

79.9323, 0.2764, 0.3603

Protanopia

79.0925, 0.3315, 0.3478

Deuteranopia

79.1490, 0.3321, 0.3260



Tritanopia

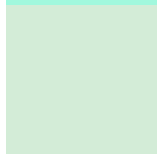
79.9793, 0.2715, 0.3126

Trichromacy



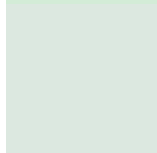
Original Color

79.9323, 0.2764, 0.3603



Protanomaly

78.7461, 0.3090, 0.3520



Deuteranomaly

78.3107, 0.3096, 0.3376



Tritanomaly

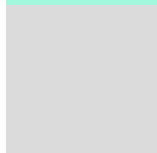
79.9194, 0.2731, 0.3289

Monochromacy



Original Color

79.9323, 0.2764, 0.3603



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

73.7667, 0.2975, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9323, 0.2764, 0.3603 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(161, 248, 221)` looks like.

```
.text, #text, p{  
    color:rgb(161, 248, 221)  
}
```

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(161, 248, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 248, 221) }
```

Border

The CSS property to change the border of an element to Yxy 79.9323, 0.2764, 0.3603 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(161, 248, 221) }
```

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

```
.border{ border-color:rgb(161, 248, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 248, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 248, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 248, 221);  
box-shadow:4px 4px 4px 4px rgb(161, 248,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9323, 0.2764, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 248, 221) }
```

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

```
.background{ background-color: rgb(161,  
248, 221) }
```

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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