

Converting Colors

$Yxy(81.4600, 0.2679, 0.3710)$

Have a look what the booklet for
Yxy(81.4600, 0.2679, 0.3710)
contains.

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Color

Yxy(81.4345, 0.2681, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	8BFEDA
RGB	139, 254, 218
RGB Percent	55%, 100%, 85%
CMY	0.4546, 0.0039, 0.1451
CMYK	0.45, 0.00, 0.14, 0.00
HSL	161°, 98%, 77%
HSV	161°, 45%, 100%
XYZ	58.7529, 81.4345, 78.9582
YIQ	215.5110, -56.9840, -35.5760

Conversions

Conversions Part 2

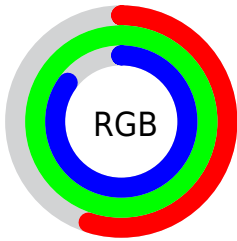
Format	Color
R _Y B	139, 207, 254
Decimal	9174746
CIE Lab	92.32, -40.99, 7.08
CIE LCh	92, 41.599, 170.197
Yxy	81.4345, 0.2681, 0.3716
Android (android.graphics.Color)	4287364826 (0xFF8BFEDA)
YUV	215.5110, 1.2271, -67.1001
Hunter-Lab	90.2411, -41.7065, 11.2918

Details

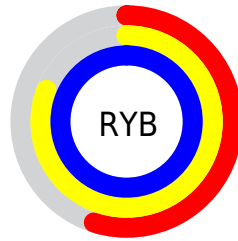
The Yxy color **81.4345, 0.2681, 0.3716** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **42.6514, 0.3955, 0.2916**, and the grayscale version is **68.3525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **44.2823, 0.2581, 0.3824** is the 20% darker color. If you saturate the color by 10%, you get **79.0917, 0.2614, 0.3830**, and if you desaturate by 10%, it is **84.3117, 0.2763, 0.3608**.

Distribution



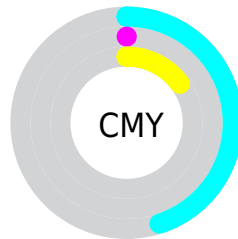
- Red (55%)
- Green (100%)
- Blue (85%)



- Red (55%)
- Yellow (81%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.4345, 0.2681, 0.3716 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 81.4345, 0.2681, 0.3716 by changing the saturation by 10% instead.


 81.4345, 0.2681,
0.3716

 81.4345, 0.2681,
0.3716


499.7541, 0.2885,
0.3518

 60.8995, 0.2635,
0.3762


 135.3807, 0.2751,
0.3647

 44.1441, 0.2578,
0.3818


 169.5607, 0.2779,
0.3620

 30.7838, 0.2507,
0.3890


209.0578, 0.2803,
0.3597

 20.4343, 0.2415,
0.3984

254.2565, 0.2823,
0.3577

 12.7111, 0.2291,
0.4112

305.5410, 0.2842,
0.3560

 7.2299, 0.2117,
0.4298

363.2959, 0.2858,

 3.6063, 0.1854,

0.3544

427.9055, 0.2872,
0.3530

0.4590

1.4559, 0.1080,
0.5308

0.2574, 0.0000,
1.0000

81.4345, 0.2681,
0.3716

81.4345, 0.2681,
0.3716

79.0917, 0.2614,
0.3830

84.3117, 0.2763,
0.3608

77.2376, 0.2564,
0.3949

87.7460, 0.2857,
0.3507

75.8349, 0.2535,
0.4069

91.7706, 0.2960,
0.3415

74.8363, 0.2526,
0.4191

96.4132, 0.3069,
0.3331

■ 74.1836, 0.2536,
0.4310

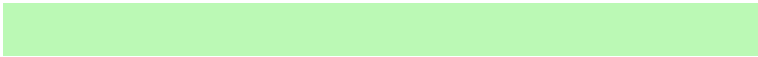
99.3605, 0.3128,
0.3280

■ 73.9549, 0.2546,
0.4367

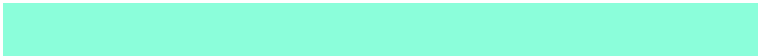
Harmonies

Analogous

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



81.4345, 0.3130, 0.4074



81.4345, 0.2681, 0.3716



81.4345, 0.2366, 0.3235

Triad

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



81.4345, 0.2681, 0.3716



81.4345, 0.2625, 0.2522



81.4345, 0.4093, 0.3646

Complementary

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



81.4345, 0.2681, 0.3716



42.6514, 0.3955, 0.2916

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.



81.4345, 0.3945, 0.3262



81.4345, 0.2681, 0.3716



81.4345, 0.3064, 0.2643

Square

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



81.4345, 0.2681, 0.3716



81.4345, 0.2338, 0.2576



81.4345, 0.3556, 0.2906



81.4345, 0.3958, 0.3981

Rectangle

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



81.4345, 0.2681, 0.3716



81.4345, 0.2264, 0.2943



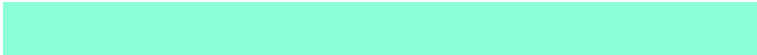
81.4345, 0.3556, 0.2906



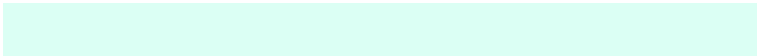
81.4345, 0.4075, 0.3519

Sweetspot

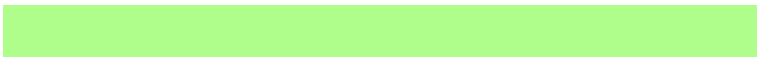
The Sweet Spot groups the original color and five complimentary colors.



81.4378, 0.2681, 0.3716



93.1475, 0.2973, 0.3404



81.9139, 0.3270, 0.4628



19.7351, 0.2950, 0.3423



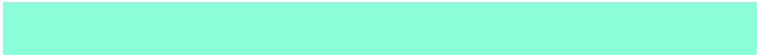
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



81.4378, 0.2681, 0.3716



80.0705, 0.2621, 0.3816



70.8854, 0.2475, 0.3043



20.3790, 0.3022, 0.3365



39.0195, 0.2541, 0.4347



3.8189, 0.2503, 0.4211

Inverse Universe

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



42.6514, 0.3955, 0.2916



36.6051, 0.4211, 0.2853



48.1249, 0.4245, 0.3515



18.0808, 0.3245, 0.3216



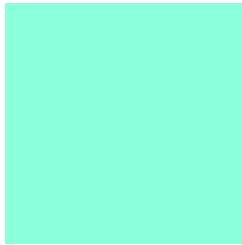
11.4338, 0.5722, 0.2926



1.1320, 0.5402, 0.2749

Previews

White Background



This preview shows how the Yxy color 81.4345, 0.2681, 0.3716 looks on a white background.

Color Contrast Check

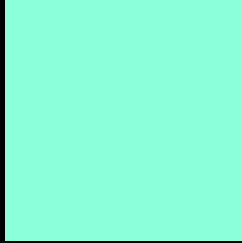
Large Text (above 18pt) WCAG AA × Fail

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 81.4345, 0.2681, 0.3716 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

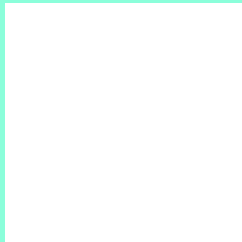
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.4345, 0.2681, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 81.4345, 0.2681, 0.3716.

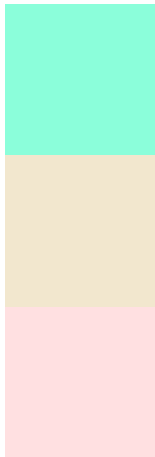


This preview shows how white text looks on a background with the Yxy color 81.4345, 0.2681, 0.3716.

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

81.4345, 0.2681, 0.3716

Protanopia

80.4853, 0.3367, 0.3550

Deuteranopia

80.0076, 0.3341, 0.3281



Tritanopia

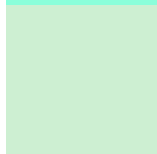
81.1634, 0.2717, 0.3148

Trichromacy



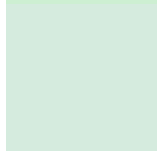
Original Color

81.4345, 0.2681, 0.3716



Protanomaly

79.3653, 0.3079, 0.3611



Deuteranomaly

78.8367, 0.3061, 0.3431



Tritanomaly

80.7574, 0.2697, 0.3334

Monochromacy



Original Color

81.4345, 0.2681, 0.3716



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

72.2947, 0.2929, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4345, 0.2681, 0.3716 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(139, 254, 218)` looks like.

```
.text, #text, p{  
    color:rgb(139, 254, 218)  
}
```

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(139, 254, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 254, 218) }
```

Border

The CSS property to change the border of an element to Yxy 81.4345, 0.2681, 0.3716 is called "border". The border property can be set on classes, ids or directly on the HTML element.

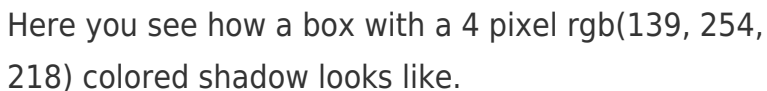
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 254, 218) }
```

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

```
.border{ border-color:rgb(139, 254, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 254, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 254, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 254, 218); box-shadow:4px 4px 4px 4px rgb(139, 254, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4345, 0.2681, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 254, 218) }
```

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

```
.background{ background-color: rgb(139,  
254, 218) }
```

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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