

Converting Colors

$Yxy(81.4464, 0.2855, 0.3747)$

Have a look what the booklet for
Yxy(81.4464, 0.2855, 0.3747)
contains.

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Color

Yxy(81.3992, 0.2854, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	A8FAD3
RGB	168, 250, 211
RGB Percent	66%, 98%, 83%
CMY	0.3411, 0.0196, 0.1724
CMYK	0.33, 0.00, 0.16, 0.02
HSL	151°, 89%, 82%
HSV	151°, 33%, 98%
XYZ	62.0993, 81.3992, 74.0883
YIQ	221.0360, -36.3530, -29.5130

Conversions

Conversions Part 2

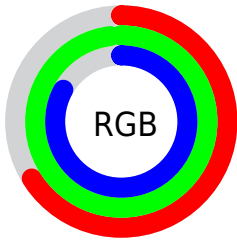
Format	Color
RYB	168, 222, 250
Decimal	11074259
CIELab	92.31, -32.99, 10.83
CIELCh	92, 34.718, 161.826
Yxy	81.3992, 0.2854, 0.3741
Android (android.graphics.Color)	4289264339 (0xFFA8FAD3)
YUV	221.0360, -4.9477, -46.5126
Hunter-Lab	90.2215, -35.0265, 14.4672

Details

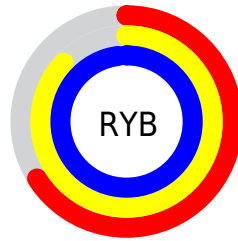
The Yxy color **81.3992, 0.2854, 0.3741** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **52.8436, 0.3528, 0.2882**, and the grayscale version is **72.3947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **44.0509, 0.2791, 0.3857** is the 20% darker color. If you saturate the color by 10%, you get **78.3425, 0.2785, 0.3908**, and if you desaturate by 10%, it is **85.0341, 0.2932, 0.3587**.

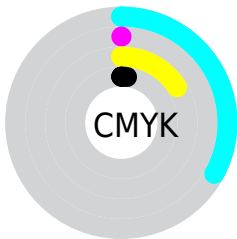
Distribution



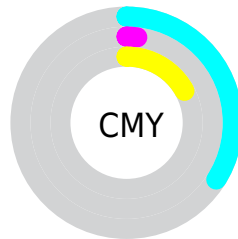
- Red (66%)
- Green (98%)
- Blue (83%)



- Red (66%)
- Yellow (87%)
- Blue (98%)



- Cyan (33%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)





- Cyan (34%)
- Magenta (2%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.3992, 0.2854, 0.3741 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 81.3992, 0.2854, 0.3741 by changing the saturation by 10% instead.


 81.3992, 0.2854,
0.3741


 81.3992, 0.2854,
0.3741


499.6358, 0.2981,
0.3530

 60.8704, 0.2825,
0.3790


 135.3312, 0.2898,
0.3667

 44.1206, 0.2789,
0.3851

 169.5031, 0.2915,
0.3638

 30.7653, 0.2743,
0.3929


208.9916, 0.2930,
0.3614

 20.4202, 0.2683,
0.4031

254.1810, 0.2943,
0.3593

 12.7009, 0.2600,
0.4172

305.4558, 0.2954,
0.3574

 7.2229, 0.2481,
0.4379

363.2002, 0.2964,

 3.6019, 0.2294,

0.3557

0.4709

427.7988, 0.2973,
0.3543

■ 1.4535, 0.1835,
0.5444

■ 0.2556, 0.0000,
1.0000

■ 81.3992, 0.2854,
0.3741

■ 81.3992, 0.2854,
0.3741

■ 78.3425, 0.2785,
0.3908

■ 85.0341, 0.2932,
0.3587

■ 75.8227, 0.2729,
0.4085

■ 89.2661, 0.3016,
0.3448

■ 73.8087, 0.2689,
0.4270

■ 94.1252, 0.3103,
0.3322

■ 72.2621, 0.2668,
0.4459

■ 96.8498, 0.3129,
0.3242

■ 71.1385, 0.2667,
0.4647

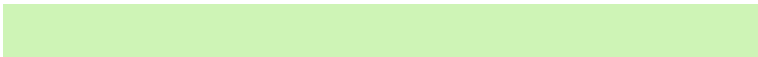
■ 70.3843, 0.2686,
0.4829

■ 70.0130, 0.2709,
0.4954

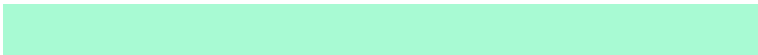
Harmonies

Analogous

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



81.3992, 0.3248, 0.3981



81.3992, 0.2854, 0.3741



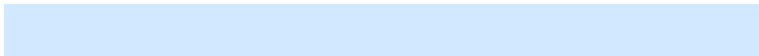
81.3992, 0.2546, 0.3360

Triad

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



81.3992, 0.2854, 0.3741



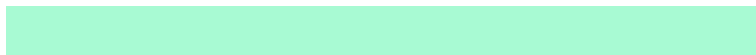
81.3992, 0.2622, 0.2637



81.3992, 0.3922, 0.3510

Complementary

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



81.3992, 0.2854, 0.3741



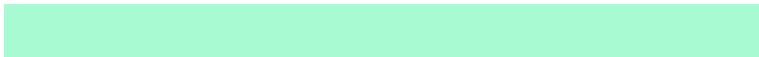
52.8436, 0.3528, 0.2882

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.



81.3992, 0.3734, 0.3182



81.3992, 0.2854, 0.3741



81.3992, 0.2966, 0.2698

Square

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



81.3992, 0.2854, 0.3741



81.3992, 0.2421, 0.2733



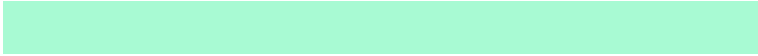
81.3992, 0.3375, 0.2894



81.3992, 0.3877, 0.3808

Rectangle

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



81.3992, 0.2854, 0.3741



81.3992, 0.2425, 0.3103



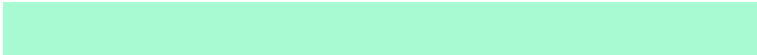
81.3992, 0.3375, 0.2894



81.3992, 0.3884, 0.3400

Sweetspot

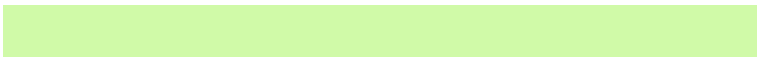
The Sweet Spot groups the original color and five complimentary colors.



81.4025, 0.2854, 0.3741



94.7241, 0.3040, 0.3412



84.5567, 0.3332, 0.4195



20.1277, 0.3027, 0.3430



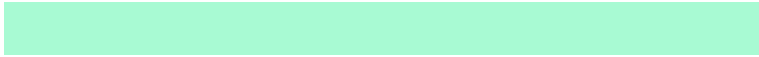
0.0000, 0.0000, 0.0000



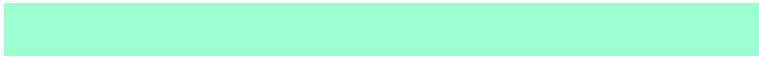
21.4041, 0.3127, 0.3290

Same Dimension

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



81.4025, 0.2854, 0.3741



83.0838, 0.2810, 0.3844



82.7536, 0.2657, 0.3274



19.4614, 0.3044, 0.3405



37.1672, 0.2702, 0.4926



3.4638, 0.2643, 0.4715

Inverse Universe

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



52.8436, 0.3528, 0.2882



49.1895, 0.3636, 0.2802



51.6745, 0.3888, 0.3307



17.3626, 0.3219, 0.3178



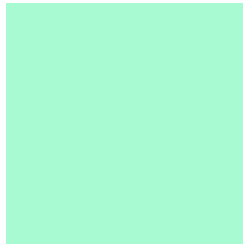
11.5135, 0.5067, 0.2565



1.0876, 0.4787, 0.2411

Previews

White Background



This preview shows how the Yxy color 81.3992, 0.2854, 0.3741 looks on a white background.

Color Contrast Check

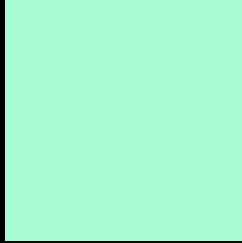
Large Text (above 18pt) WCAG AA × Fail

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 81.3992, 0.2854, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

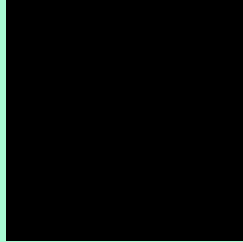
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.3992, 0.2854, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 81.3992, 0.2854, 0.3741.

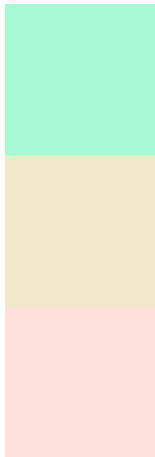


This preview shows how white text looks on a background with the Yxy color 81.3992, 0.2854, 0.3741.

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

81.3992, 0.2854, 0.3741

Protanopia

80.4236, 0.3407, 0.3602

Deuteranopia

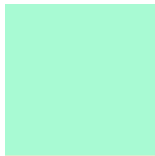
80.2777, 0.3374, 0.3341



Tritanopia

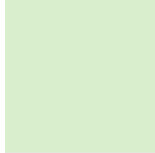
81.0095, 0.2760, 0.3128

Trichromacy



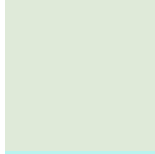
Original Color

81.3992, 0.2854, 0.3741



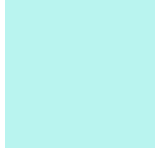
Protanomaly

80.1558, 0.3183, 0.3650



Deuteranomaly

79.5434, 0.3159, 0.3472



Tritanomaly

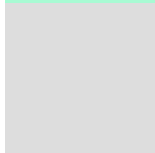
81.2476, 0.2796, 0.3344

Monochromacy



Original Color

81.3992, 0.2854, 0.3741



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

75.2795, 0.3019, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3992, 0.2854, 0.3741 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(168, 250, 211)` looks like.

```
.text, #text, p{  
    color:rgb(168, 250, 211)  
}
```

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(168, 250, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 250, 211) }
```

Border

The CSS property to change the border of an element to Yxy 81.3992, 0.2854, 0.3741 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(168, 250, 211) }
```

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

```
.border{ border-color:rgb(168, 250, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 250, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 250, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 250, 211); box-shadow:4px 4px 4px 4px rgb(168, 250, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3992, 0.2854, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 250, 211) }
```

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

```
.background{ background-color: rgb(168,  
250, 211) }
```

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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