

Converting Colors

Yxy(82.3906, 0.2843, 0.3961)

Have a look what the booklet for
Yxy(82.3906, 0.2843, 0.3961)
contains.

Yxy(82.3695, 0.2845, 0.3966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.3695, 0.2845, 0.3966)

Conversions

Conversions Part 1

Format	Color
Hex	99FFC6
RGB	153, 255, 198
RGB Percent	60%, 100%, 78%
CMY	0.4001, 0.0000, 0.2234
CMYK	0.40, 0.00, 0.22, 0.00
HSL	147°, 100%, 80%
HSV	147°, 40%, 100%
XYZ	59.0876, 82.3695, 66.2321
YIQ	218.0040, -42.4950, -39.3510

Conversions

Conversions Part 2

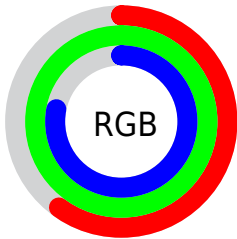
Format	Color
RYB	153, 224, 255
Decimal	10092486
CIELab	92.74, -41.96, 18.02
CIElCh	93, 45.669, 156.762
Yxy	82.3695, 0.2845, 0.3966
Android (android.graphics.Color)	4288282566 (0xFF99FFC6)
YUV	218.0040, -9.8620, -57.0085
Hunter-Lab	90.7576, -42.6139, 20.2624

Details

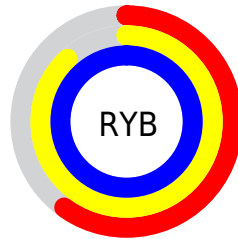
The Yxy color **82.3695, 0.2845, 0.3966** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **48.6795, 0.3572, 0.2706**, and the grayscale version is **70.1993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **44.8886, 0.2772, 0.4141** is the 20% darker color. If you saturate the color by 10%, you get **79.5200, 0.2793, 0.4174**, and if you desaturate by 10%, it is **85.8070, 0.2908, 0.3772**.

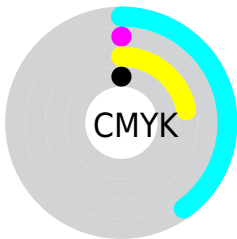
Distribution



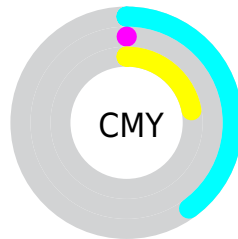
- Red (60%)
- Green (100%)
- Blue (78%)



- Red (60%)
- Yellow (88%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3695, 0.2845, 0.3966 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 82.3695, 0.2845, 0.3966 by changing the saturation by 10% instead.


 82.3695, 0.2845,
0.3966

 82.3695, 0.2845,
0.3966


502.8828, 0.2980,
0.3645

 61.6702, 0.2813,
0.4041


 136.6920, 0.2893,
0.3853

 44.7662, 0.2773,
0.4135


 171.0840, 0.2911,
0.3810

 31.2733, 0.2722,
0.4255


210.8090, 0.2927,
0.3772

 20.8071, 0.2654,
0.4415

256.2514, 0.2940,
0.3740

 12.9831, 0.2559,
0.4637

307.7956, 0.2952,
0.3712

 7.4169, 0.2417,
0.4963

365.8260, 0.2962,

 3.7242, 0.2188,

0.3687

0.5486

430.7269, 0.2972,
0.3665

■ 1.5205, 0.1496,
0.7199

■ 0.3031, 0.0000,
1.0000

■ 82.3695, 0.2845,
0.3966

■ 82.3695, 0.2845,
0.3966

■ 79.5200, 0.2793,
0.4174

■ 85.8070, 0.2908,
0.3772

■ 77.2285, 0.2755,
0.4392

■ 89.8710, 0.2977,
0.3594

■ 75.4532, 0.2735,
0.4614

■ 94.5897, 0.3051,
0.3433

■ 74.1488, 0.2733,
0.4833

99.9915, 0.3127,
0.3290

■ 73.2613, 0.2752,
0.5041

100.0000, 0.3127,
0.3290

■ 72.7043, 0.2787,
0.5233

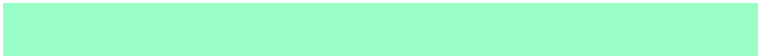
Harmonies

Analogous

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



82.3695, 0.3361, 0.4235



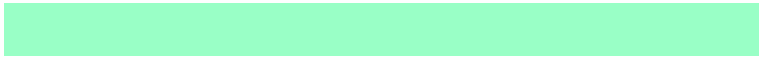
82.3695, 0.2845, 0.3966



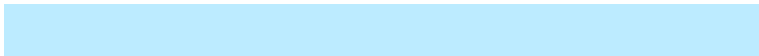
82.3695, 0.2427, 0.3465

Triad

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



82.3695, 0.2845, 0.3966



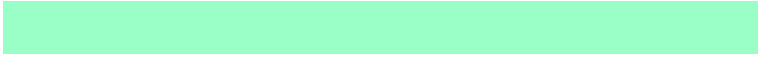
82.3695, 0.2417, 0.2458



82.3695, 0.4150, 0.3485

Complementary

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



82.3695, 0.2845, 0.3966



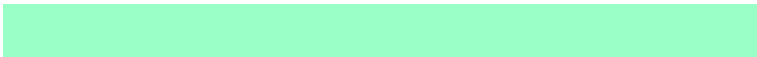
48.6795, 0.3572, 0.2706

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.



82.3695, 0.3856, 0.3075



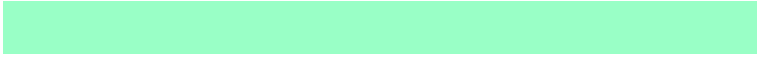
82.3695, 0.2845, 0.3966



82.3695, 0.2827, 0.2509

Square

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



82.3695, 0.2845, 0.3966



82.3695, 0.2200, 0.2604



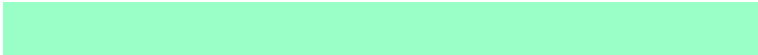
82.3695, 0.3356, 0.2730



82.3695, 0.4136, 0.3886

Rectangle

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



82.3695, 0.2845, 0.3966



82.3695, 0.2253, 0.3114



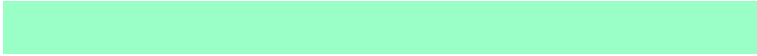
82.3695, 0.3356, 0.2730



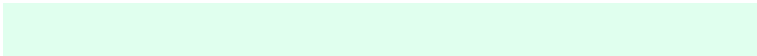
82.3695, 0.4084, 0.3345

Sweetspot

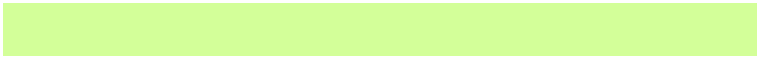
The Sweet Spot groups the original color and five complimentary colors.



82.3676, 0.2845, 0.3966



93.5995, 0.3036, 0.3464



87.6356, 0.3426, 0.4395



19.8978, 0.3027, 0.3484



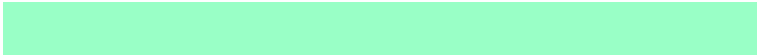
0.0000, 0.0000, 0.0000



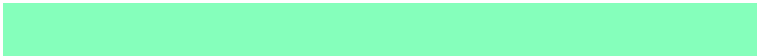
21.4041, 0.3127, 0.3290

Same Dimension

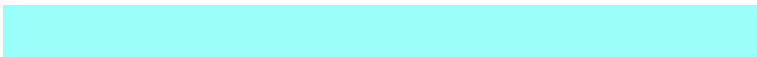
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3676, 0.2845, 0.3966



80.0478, 0.2803, 0.4131



85.0782, 0.2605, 0.3365



20.3015, 0.3055, 0.3426



38.0185, 0.2778, 0.5202



3.7233, 0.2717, 0.4981

Inverse Universe

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



48.6795, 0.3572, 0.2706



42.1395, 0.3701, 0.2594



46.5600, 0.4078, 0.3221



18.1569, 0.3206, 0.3158



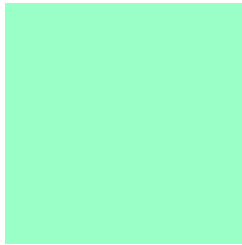
12.1654, 0.4718, 0.2373



1.2065, 0.4498, 0.2251

Previews

White Background



This preview shows how the Yxy color 82.3695, 0.2845, 0.3966 looks on a white background.

Color Contrast Check

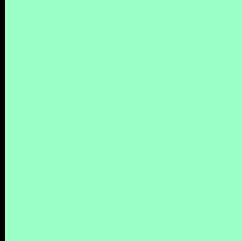
Large Text (above 18pt) WCAG AA × Fail

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 82.3695, 0.2845, 0.3966 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

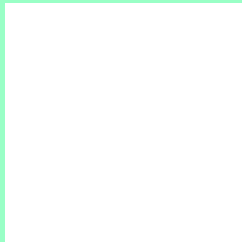
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3695, 0.2845, 0.3966

Background



This preview shows how black text looks on a background with the Yxy color 82.3695, 0.2845, 0.3966.

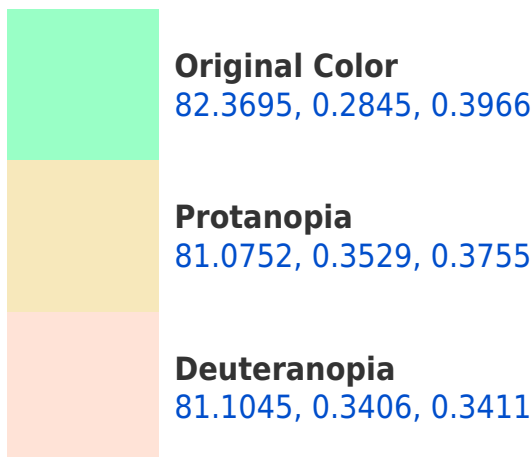


This preview shows how white text looks on a background with the Yxy color 82.3695, 0.2845, 0.3966.

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





Tritanopia

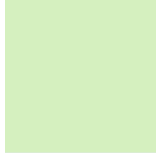
82.1936, 0.2761, 0.3150

Trichromacy



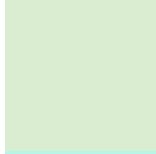
Original Color

82.3695, 0.2845, 0.3966



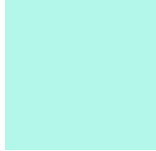
Protanomaly

80.2279, 0.3247, 0.3831



Deuteranomaly

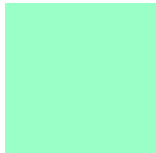
80.0772, 0.3173, 0.3594



Tritanomaly

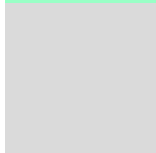
82.0457, 0.2792, 0.3434

Monochromacy



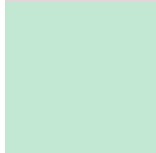
Original Color

82.3695, 0.2845, 0.3966



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

73.3243, 0.3003, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3695, 0.2845, 0.3966 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(153, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 198)  
}
```

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(153, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 198) }
```

Border

The CSS property to change the border of an element to Yxy 82.3695, 0.2845, 0.3966 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(153, 255, 198) }
```

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

```
.border{ border-color:rgb(153, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3695, 0.2845, 0.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 198) }
```

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

```
.background{ background-color: rgb(153,  
255, 198) }
```

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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