

Converting Colors

$Yxy(82.3495, 0.2896, 0.4051)$

Have a look what the booklet for
Yxy(82.3495, 0.2896, 0.4051)
contains.

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Color

Yxy(82.3495, 0.2896, 0.4051)

Conversions

Conversions Part 1

Format	Color
Hex	9CFFBF
RGB	156, 255, 191
RGB Percent	61%, 100%, 75%
CMY	0.3882, 0.0000, 0.2511
CMYK	0.39, 0.00, 0.25, 0.00
HSL	141°, 100%, 81%
HSV	141°, 39%, 100%
XYZ	58.8704, 82.3495, 62.0620
YIQ	218.1030, -38.4600, -40.8920

Conversions

Conversions Part 2

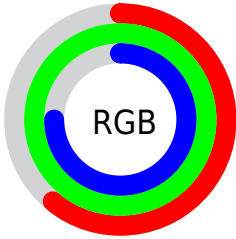
Format	Color
RYB	156, 229, 255
Decimal	10289087
CIELab	92.73, -42.45, 21.64
CIElCh	93, 47.646, 152.991
Yxy	82.3495, 0.2896, 0.4051
Android (android.graphics.Color)	4288479167 (0xFF9CFFBF)
YUV	218.1030, -13.3618, -54.4643
Hunter-Lab	90.7466, -43.0075, 22.9740

Details

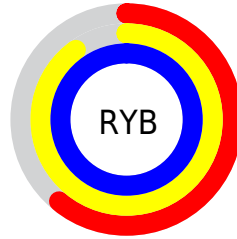
The Yxy color **82.3495, 0.2896, 0.4051** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **50.2049, 0.3473, 0.2640**, and the grayscale version is **70.2956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5935, 0.2920, 0.3361**, and **44.9036, 0.2837, 0.4251** is the 20% darker color. If you saturate the color by 10%, you get **79.3797, 0.2851, 0.4292**, and if you desaturate by 10%, it is **85.9315, 0.2950, 0.3826**.

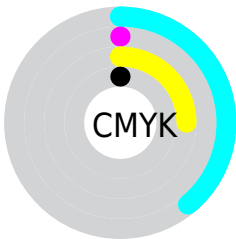
Distribution



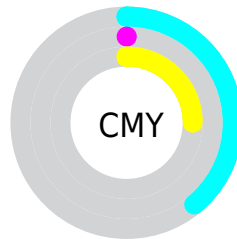
- Red (61%)
- Green (100%)
- Blue (75%)



- Red (61%)
- Yellow (90%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (39%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.3495, 0.2896, 0.4051 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 82.3495, 0.2896, 0.4051 by changing the saturation by 10% instead.


 82.3495, 0.2896,
0.4051


 82.3495, 0.2896,
0.4051


502.8160, 0.3010,
0.3688

 61.6537, 0.2868,
0.4136


 136.6640, 0.2937,
0.3923

 44.7529, 0.2833,
0.4243

 171.0515, 0.2952,
0.3874

 31.2628, 0.2788,
0.4380

210.7716, 0.2965,
0.3832

 20.7991, 0.2726,
0.4561

256.2088, 0.2977,
0.3795

 12.9772, 0.2638,
0.4814

307.7474, 0.2987,
0.3764

 7.4129, 0.2504,
0.5186


365.7719, 0.2995,


 3.7216, 0.2278,

0.3735

0.5779

430.6666, 0.3003,
0.3711


 1.5191, 0.1644,
0.8239


 0.3021, 0.0000,
1.0000


 82.3495, 0.2896,
0.4051


 82.3495, 0.2896,
0.4051


 79.3797, 0.2851,
0.4292

 85.9315, 0.2950,
0.3826

 76.9910, 0.2819,
0.4544

 90.1642, 0.3009,
0.3620

 75.1413, 0.2802,
0.4799

 95.0769, 0.3071,
0.3436

 73.7847, 0.2802,
0.5045

100.0000, 0.3127,
0.3290

■ 72.8674, 0.2821,
0.5273

■ 72.3122, 0.2855,
0.5472

■ 72.2594, 0.2859,
0.5494

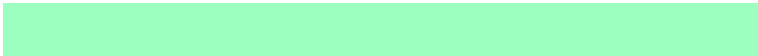
Harmonies

Analogous

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



82.3495, 0.3436, 0.4289



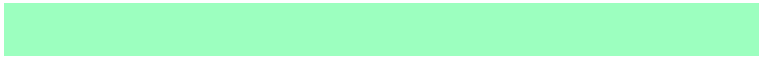
82.3495, 0.2896, 0.4051



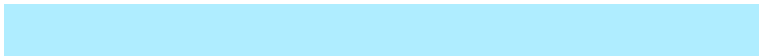
82.3495, 0.2443, 0.3543

Triad

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



82.3495, 0.2896, 0.4051



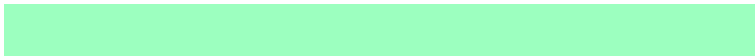
82.3495, 0.2349, 0.2432



82.3495, 0.4173, 0.3435

Complementary

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



82.3495, 0.2896, 0.4051



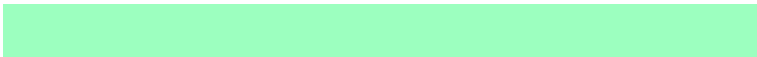
50.2049, 0.3473, 0.2640

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.



82.3495, 0.3830, 0.3015



82.3495, 0.2896, 0.4051



82.3495, 0.2751, 0.2462

Square

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



82.3495, 0.2896, 0.4051



82.3495, 0.2152, 0.2609



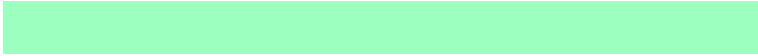
82.3495, 0.3293, 0.2671



82.3495, 0.4198, 0.3858

Rectangle

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



82.3495, 0.2896, 0.4051



82.3495, 0.2244, 0.3170



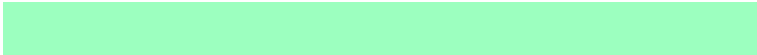
82.3495, 0.3293, 0.2671



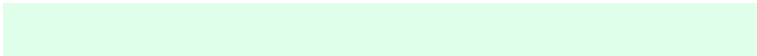
82.3495, 0.4091, 0.3291

Sweetspot

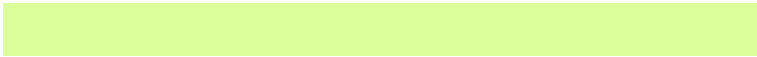
The Sweet Spot groups the original color and five complimentary colors.



82.3478, 0.2896, 0.4051



93.4415, 0.3051, 0.3492



89.1904, 0.3474, 0.4341



19.8607, 0.3043, 0.3516



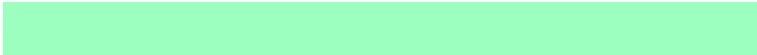
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

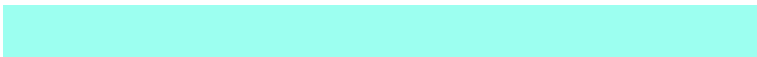
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3478, 0.2896, 0.4051



79.8770, 0.2859, 0.4247



84.8878, 0.2655, 0.3456



20.2741, 0.3067, 0.3448



37.7827, 0.2851, 0.5464



3.6986, 0.2788, 0.5236

Inverse Universe

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



50.2049, 0.3473, 0.2640



43.4170, 0.3574, 0.2507



47.9704, 0.3953, 0.3136



18.1850, 0.3192, 0.3137



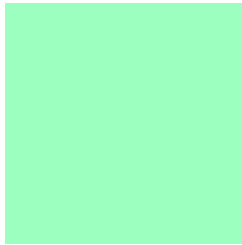
12.5564, 0.4355, 0.2173



1.2433, 0.4190, 0.2082

Previews

White Background



This preview shows how the Yxy color 82.3495, 0.2896, 0.4051 looks on a white background.

Color Contrast Check

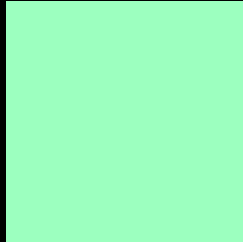
Large Text (above 18pt) WCAG AA × Fail

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 82.3495, 0.2896, 0.4051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

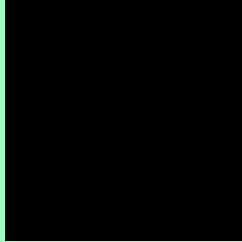
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

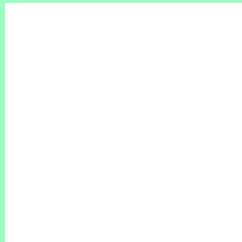
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3495, 0.2896, 0.4051

Background



This preview shows how black text looks on a background with the Yxy color 82.3495, 0.2896, 0.4051.

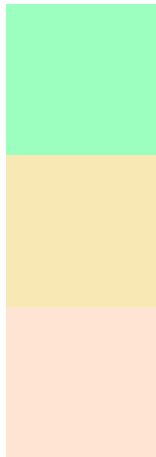


This preview shows how white text looks on a background with the Yxy color 82.3495, 0.2896, 0.4051.

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

82.3495, 0.2896, 0.4051

Protanopia

81.5296, 0.3580, 0.3836

Deuteranopia

81.5003, 0.3425, 0.3452



Tritanopia

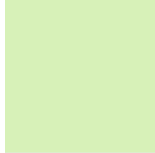
81.7327, 0.2766, 0.3140

Trichromacy



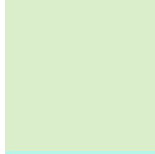
Original Color

82.3495, 0.2896, 0.4051



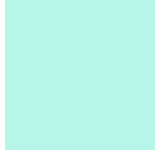
Protanomaly

80.8184, 0.3302, 0.3917



Deuteranomaly

80.5688, 0.3210, 0.3659



Tritanomaly

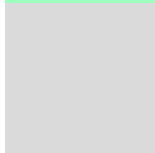
81.5615, 0.2813, 0.3446

Monochromacy



Original Color

82.3495, 0.2896, 0.4051



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

73.3080, 0.3028, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3495, 0.2896, 0.4051 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(156, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(156, 255, 191)  
}
```

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(156, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 255, 191) }
```

Border

The CSS property to change the border of an element to Yxy 82.3495, 0.2896, 0.4051 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(156, 255, 191) }
```

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

```
.border{ border-color:rgb(156, 255, 191) }
```

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

Here you see how a box with a 4 pixel rgb(156, 255, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(156, 255,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3495, 0.2896, 0.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 255, 191) }
```

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

```
.background{ background-color: rgb(156,  
255, 191) }
```

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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