

Converting Colors

$Yxy(81.1083, 0.3189, 0.4668)$

Have a look what the booklet for
Yxy(81.1083, 0.3189, 0.4668)
contains.

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Color

Yxy(81.0655, 0.3188, 0.4671)

Conversions

Conversions Part 1

Format	Color
Hex	A2FF8B
RGB	162, 255, 139
RGB Percent	64%, 100%, 55%
CMY	0.3645, 0.0000, 0.4549
CMYK	0.36, 0.00, 0.45, 0.00
HSL	108°, 100%, 77%
HSV	108°, 45%, 100%
XYZ	55.3279, 81.0655, 37.1572
YIQ	213.9690, -18.1920, -55.7920

Conversions

Conversions Part 2

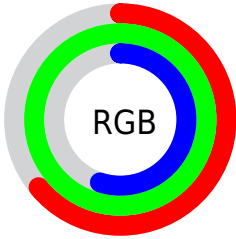
Format	Color
RYB	139, 255, 232
Decimal	10682251
CIELab	92.16, -48.73, 46.72
CIElCh	92, 67.508, 136.204
Yxy	81.0655, 0.3188, 0.4671
Android (android.graphics.Color)	4288872331 (0xFFA2FF8B)
YUV	213.9690, -36.9597, -45.5768
Hunter-Lab	90.0364, -47.8743, 38.5570

Details

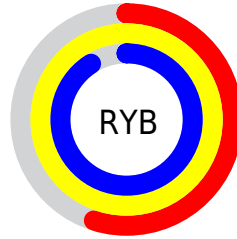
The Yxy color **81.0655, 0.3188, 0.4671** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **42.8335, 0.2982, 0.2109**, and the grayscale version is **67.4949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6307, 0.3258, 0.3937**, and **44.0633, 0.3162, 0.5029** is the 20% darker color. If you saturate the color by 10%, you get **78.4387, 0.3184, 0.5009**, and if you desaturate by 10%, it is **84.2207, 0.3183, 0.4330**.

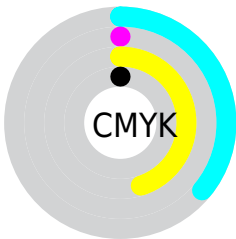
Distribution



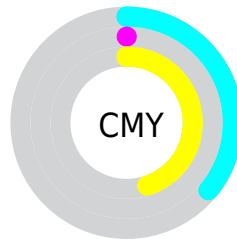
- Red (64%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (91%)



- Cyan (36%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0655, 0.3188, 0.4671 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 81.0655, 0.3188, 0.4671 by changing the saturation by 10% instead.


 81.0655, 0.3188,
0.4671


 81.0655, 0.3188,
0.4671


498.5164, 0.3191,
0.4004

 60.5955, 0.3179,
0.4827


 134.8627, 0.3196,
0.4436

 43.8988, 0.3162,
0.5021


 168.9588, 0.3197,
0.4345

 30.5910, 0.3133,
0.5268


 208.3657, 0.3197,
0.4268

 20.2876, 0.3082,
0.5587

253.4678, 0.3196,
0.4201

 12.6043, 0.2989,
0.6014

304.6496, 0.3195,
0.4142

 7.1566, 0.2819,
0.6617


362.2953, 0.3194,


 3.5602, 0.2488,


0.4091


0.7512


426.7895, 0.3193,
0.4045


 1.4307, 0.0592,
0.9408


 0.2392, 0.0000,
1.0000


 81.0655, 0.3188,
0.4671


 81.0655, 0.3188,
0.4671


 78.4387, 0.3184,
0.5009


 84.2207, 0.3183,
0.4330


 76.3010, 0.3170,
0.5325

 87.9208, 0.3172,
0.4004

 74.6238, 0.3146,
0.5593

 92.1939, 0.3156,
0.3701

 73.3711, 0.3114,
0.5794

 97.0634, 0.3138,
0.3427

■ 72.5006, 0.3075,
0.5917

99.9982, 0.3127,
0.3290

■ 72.2133, 0.3059,
0.5953

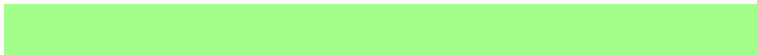
Harmonies

Analogous

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



81.0655, 0.3921, 0.4668



81.0655, 0.3188, 0.4671



81.0655, 0.2479, 0.4109

Triad

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



81.0655, 0.3188, 0.4671



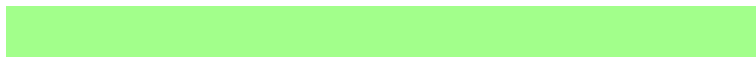
81.0655, 0.1883, 0.2201



81.0655, 0.4395, 0.3129

Complementary

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



81.0655, 0.3188, 0.4671



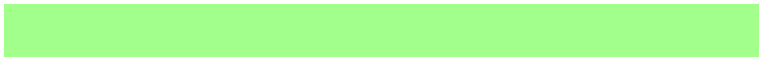
42.8335, 0.2982, 0.2109

Split Complementary

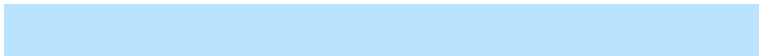
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0655, 0.3706, 0.2627



81.0655, 0.3188, 0.4671



81.0655, 0.2261, 0.2112

Square

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



81.0655, 0.3188, 0.4671



81.0655, 0.1786, 0.2579



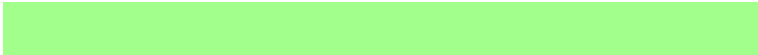
81.0655, 0.2904, 0.2268



81.0655, 0.4680, 0.3697

Rectangle

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



81.0655, 0.3188, 0.4671



81.0655, 0.2116, 0.3549



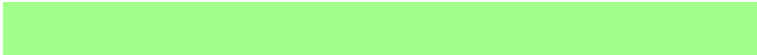
81.0655, 0.2904, 0.2268



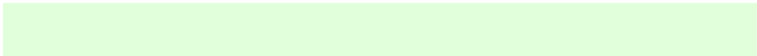
81.0655, 0.4199, 0.2951

Sweetspot

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



81.0690, 0.3188, 0.4671



92.8827, 0.3154, 0.3658



80.7234, 0.3901, 0.4215



19.6686, 0.3158, 0.3720



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.



81.0690, 0.3188, 0.4671



78.5575, 0.3185, 0.4993



80.0557, 0.2895, 0.4290



20.3418, 0.3146, 0.3534



37.7828, 0.3067, 0.5947



3.7217, 0.3136, 0.5892

Inverse Universe

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



42.8335, 0.2982, 0.2109



35.7772, 0.2937, 0.1881



44.9035, 0.3494, 0.2474



18.1074, 0.3106, 0.3054



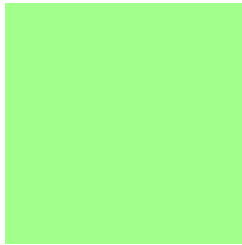
10.5693, 0.2710, 0.1266



1.0733, 0.2769, 0.1299

Previews

White Background



This preview shows how the Yxy color 81.0655, 0.3188, 0.4671 looks on a white background.

Color Contrast Check

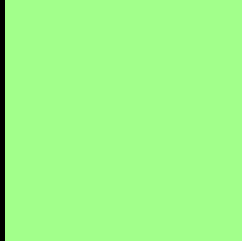
Large Text (above 18pt) WCAG AA × Fail

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 81.0655, 0.3188, 0.4671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

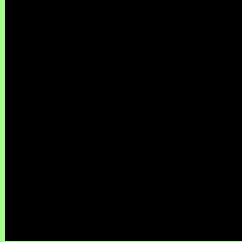
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.0655, 0.3188, 0.4671

Background



This preview shows how black text looks on a background with the Yxy color 81.0655, 0.3188, 0.4671.



This preview shows how white text looks on a background with the Yxy color 81.0655, 0.3188, 0.4671.

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

81.0655, 0.3188, 0.4671

Protanopia

79.8344, 0.3951, 0.4293

Deuteranopia

80.2294, 0.3530, 0.3595



Tritanopia

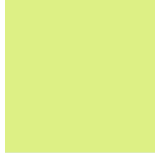
80.4223, 0.2759, 0.3118

Trichromacy



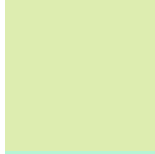
Original Color

81.0655, 0.3188, 0.4671



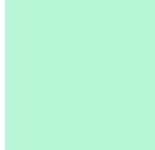
Protanomaly

79.3858, 0.3650, 0.4443



Deuteranomaly

79.0751, 0.3401, 0.3958



Tritanomaly

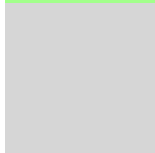
80.0540, 0.2920, 0.3655

Monochromacy



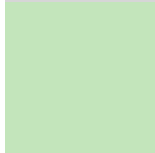
Original Color

81.0655, 0.3188, 0.4671



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

71.2286, 0.3159, 0.3782

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0655, 0.3188, 0.4671 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(162, 255, 139)` looks like.

```
.text, #text, p{  
    color:rgb(162, 255, 139)  
}
```

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(162, 255, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 255, 139) }
```

Border

The CSS property to change the border of an element to Yxy 81.0655, 0.3188, 0.4671 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(162, 255, 139) }
```

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

```
.border{ border-color:rgb(162, 255, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 255, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 255, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 255, 139);  
box-shadow:4px 4px 4px 4px rgb(162, 255,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0655, 0.3188, 0.4671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 255, 139) }
```

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

```
.background{ background-color: rgb(162,  
255, 139) }
```

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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