

Converting Colors

$Yxy(82.4941, 0.2963, 0.4146)$

Have a look what the booklet for
Yxy(82.4941, 0.2963, 0.4146)
contains.

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Color

Yxy(82.5160, 0.2963, 0.4144)

Conversions

Conversions Part 1

Format	Color
Hex	A1FFB7
RGB	161, 255, 183
RGB Percent	63%, 100%, 72%
CMY	0.3687, 0.0000, 0.2824
CMYK	0.37, 0.00, 0.28, 0.00
HSL	134°, 100%, 82%
HSV	134°, 37%, 100%
XYZ	58.9997, 82.5160, 57.6059
YIQ	218.6860, -32.9120, -42.3200

Conversions

Conversions Part 2

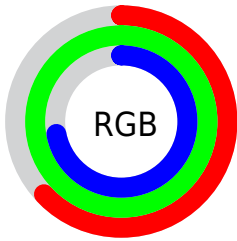
Format	Color
RYB	161, 237, 255
Decimal	10616759
CIELab	92.80, -42.45, 25.83
CIELCh	93, 49.695, 148.681
Yxy	82.5160, 0.2963, 0.4144
Android (android.graphics.Color)	4288806839 (0xFFA1FFB7)
YUV	218.6860, -17.5932, -50.5906
Hunter-Lab	90.8383, -43.0308, 25.9876

Details

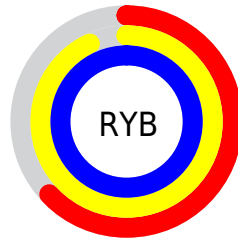
The Yxy color **82.5160, 0.2963, 0.4144** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **52.6245, 0.3352, 0.2568**, and the grayscale version is **70.7435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6574, 0.2992, 0.3454**, and **45.0031, 0.2910, 0.4358** is the 20% darker color. If you saturate the color by 10%, you get **79.3710, 0.2927, 0.4428**, and if you desaturate by 10%, it is **86.3076, 0.3005, 0.3879**.

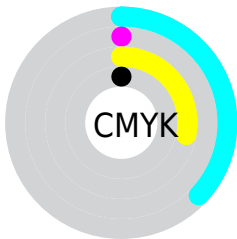
Distribution



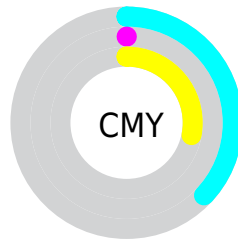
- Red (63%)
- Green (100%)
- Blue (72%)



- Red (63%)
- Yellow (93%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5160, 0.2963, 0.4144 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 82.5160, 0.2963, 0.4144 by changing the saturation by 10% instead.


 82.5160, 0.2963,
0.4144


 82.5160, 0.2963,
0.4144


503.3721, 0.3049,
0.3736

 61.7910, 0.2941,
0.4240


 136.8974, 0.2995,
0.4000

 44.8638, 0.2913,
0.4360


 171.3225, 0.3006,
0.3945

 31.3502, 0.2875,
0.4514


211.0831, 0.3016,
0.3897

 20.8656, 0.2822,
0.4719

256.5636, 0.3025,
0.3856

 13.0258, 0.2743,
0.5003

308.1483, 0.3032,
0.3820

 7.4463, 0.2619,
0.5418


366.2217, 0.3038,


 3.7428, 0.2398,


0.3789


0.6073


431.1681, 0.3044,
0.3761

 1.5307, 0.1687,
0.8313


 0.3102, 0.0000,
1.0000


 82.5160, 0.2963,
0.4144


 82.5160, 0.2963,
0.4144

 79.3710, 0.2927,
0.4428


 86.3076, 0.3005,
0.3879

 76.8446, 0.2901,
0.4721

 90.7900, 0.3049,
0.3638

 74.8919, 0.2886,
0.5013

 95.9922, 0.3096,
0.3423

 73.4660, 0.2886,
0.5287

100.0000, 0.3127,
0.3290

■ 72.5122, 0.2900,
0.5526

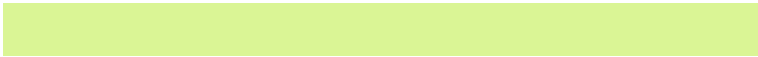
■ 71.9623, 0.2927,
0.5717

■ 71.8429, 0.2935,
0.5767

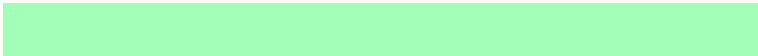
Harmonies

Analogous

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



82.5160, 0.3526, 0.4338



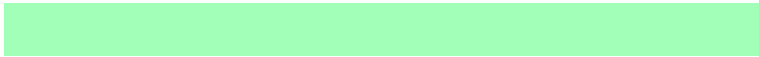
82.5160, 0.2963, 0.4144



82.5160, 0.2472, 0.3639

Triad

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



82.5160, 0.2963, 0.4144



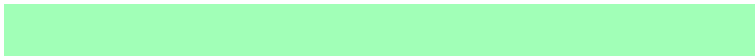
82.5160, 0.2275, 0.2411



82.5160, 0.4185, 0.3373

Complementary

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



82.5160, 0.2963, 0.4144



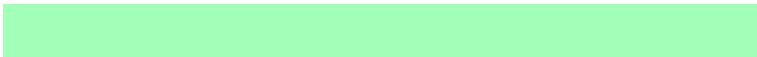
52.6245, 0.3352, 0.2568

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.



82.5160, 0.3787, 0.2946



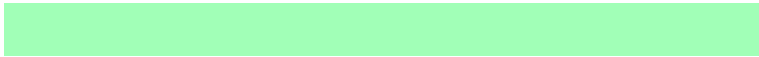
82.5160, 0.2963, 0.4144



82.5160, 0.2664, 0.2415

Square

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



82.5160, 0.2963, 0.4144



82.5160, 0.2105, 0.2625



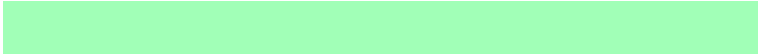
82.5160, 0.3213, 0.2607



82.5160, 0.4260, 0.3816

Rectangle

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



82.5160, 0.2963, 0.4144



82.5160, 0.2245, 0.3244



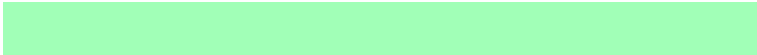
82.5160, 0.3213, 0.2607



82.5160, 0.4084, 0.3225

Sweetspot

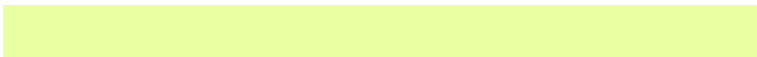
The Sweet Spot groups the original color and five complimentary colors.



82.5128, 0.2963, 0.4144



93.7554, 0.3077, 0.3509



91.4263, 0.3533, 0.4260



19.9162, 0.3070, 0.3538



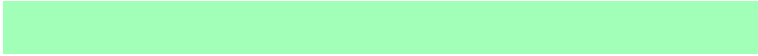
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.5128, 0.2963, 0.4144



80.2086, 0.2937, 0.4345



84.8037, 0.2728, 0.3574



20.2378, 0.3083, 0.3477



37.5584, 0.2928, 0.5742



3.6729, 0.2871, 0.5535

Inverse Universe

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



52.6245, 0.3352, 0.2568



46.4876, 0.3409, 0.2433



50.2889, 0.3786, 0.3029



18.2234, 0.3174, 0.3110



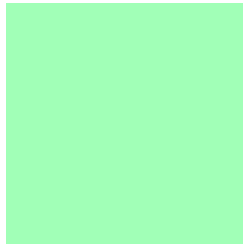
13.1994, 0.3908, 0.1927



1.3019, 0.3812, 0.1873

Previews

White Background



This preview shows how the Yxy color 82.5160, 0.2963, 0.4144 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 82.5160, 0.2963, 0.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

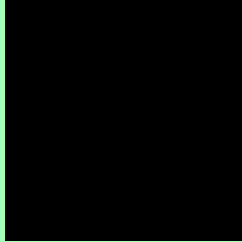
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

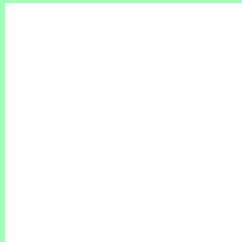
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5160, 0.2963, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 82.5160, 0.2963, 0.4144.

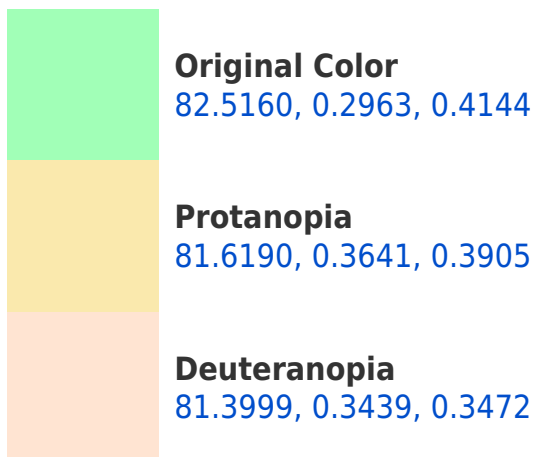


This preview shows how white text looks on a background with the Yxy color 82.5160, 0.2963, 0.4144.

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

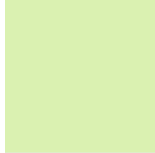
82.0009, 0.2777, 0.3140

Trichromacy



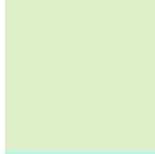
Original Color

82.5160, 0.2963, 0.4144



Protanomaly

80.9903, 0.3366, 0.3991



Deuteranomaly

80.6914, 0.3249, 0.3702



Tritanomaly

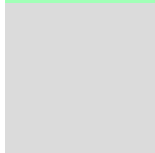
81.7590, 0.2845, 0.3479

Monochromacy



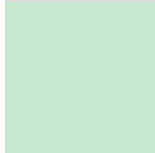
Original Color

82.5160, 0.2963, 0.4144



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

74.1752, 0.3060, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5160, 0.2963, 0.4144 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(161, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 183)  
}
```

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(161, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 183) }
```

Border

The CSS property to change the border of an element to Yxy 82.5160, 0.2963, 0.4144 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(161, 255, 183) }
```

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

```
.border{ border-color:rgb(161, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 255, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 255, 183); box-shadow:4px 4px 4px 4px rgb(161, 255, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5160, 0.2963, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 183) }
```

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

```
.background{ background-color: rgb(161,  
255, 183) }
```

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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