

Converting Colors

Yxy(82.0876, 0.3011, 0.4265)

Have a look what the booklet for
Yxy(82.0876, 0.3011, 0.4265)
contains.

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Color

Yxy(82.1142, 0.3014, 0.4267)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A1FFAD |
| RGB | 161, 255, 173 |
| RGB Percent | 63%, 100%, 68% |
| CMY | 0.3686, 0.0000, 0.3216 |
| CMYK | 0.37, 0.00, 0.32, 0.00 |
| HSL | 128°, 100%, 82% |
| HSV | 128°, 37%, 100% |
| XYZ | 58.0015, 82.1142, 52.3245 |
| YIQ | 217.5460, -29.7020, -45.4300 |

Conversions

Conversions Part 2

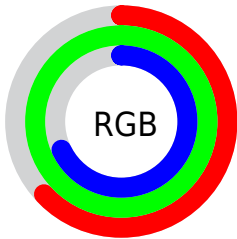
| Format | Color |
|-------------------------------------|--|
| RYB | 161, 244, 255 |
| Decimal | 10616749 |
| CIELab | 92.63, -44.11, 30.63 |
| CIElCh | 93, 53.702, 145.224 |
| Yxy | 82.1142, 0.3014, 0.4267 |
| Android (android.graphics.Color) | 4288806829 (0xFFA1FFAD) |
| YUV | 217.5460, -21.9612, -49.5908 |
| Hunter-Lab | 90.6169, -44.3265, 29.1963 |

Details

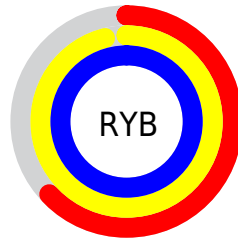
The Yxy color **82.1142, 0.3014, 0.4267** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **53.2249, 0.3267, 0.2478**, and the grayscale version is **69.9525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2372, 0.3053, 0.3560**, and **44.7475, 0.2970, 0.4519** is the 20% darker color. If you saturate the color by 10%, you get **78.9394, 0.2988, 0.4589**, and if you desaturate by 10%, it is **85.9742, 0.3044, 0.3964**.

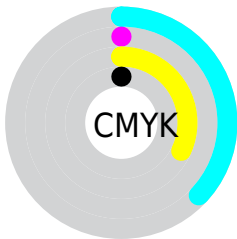
Distribution



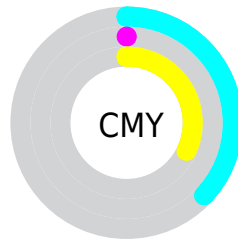
- Red (63%)
- Green (100%)
- Blue (68%)



- Red (63%)
- Yellow (96%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1142, 0.3014, 0.4267 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 82.1142, 0.3014, 0.4267 by changing the saturation by 10% instead.


 82.1142, 0.3014,
0.4267

 82.1142, 0.3014,
0.4267


502.0296, 0.3080,
0.3798

 61.4597, 0.2995,
0.4378


 136.3341, 0.3040,
0.4101

 44.5962, 0.2971,
0.4516


 170.6683, 0.3049,
0.4038

 31.1395, 0.2936,
0.4694


210.3312, 0.3056,
0.3983

 20.7051, 0.2886,
0.4929

255.7072, 0.3063,
0.3936

 12.9086, 0.2809,
0.5254

307.1806, 0.3068,
0.3895

 7.3657, 0.2679,
0.5727


365.1359, 0.3073,


 3.6918, 0.2457,


0.3859


0.6510

429.9574, 0.3077,
0.3827

 1.5027, 0.1434,
0.8566


 0.2906, 0.0000,
1.0000


 82.1142, 0.3014,
0.4267

 82.1142, 0.3014,
0.4267


 78.9394, 0.2988,
0.4589


 85.9742, 0.3044,
0.3964

 76.4073, 0.2967,
0.4916

 90.5538, 0.3075,
0.3688

 74.4743, 0.2955,
0.5229

 95.8881, 0.3106,
0.3442

 73.0902, 0.2952,
0.5508

100.0000, 0.3127,
0.3290

■ 72.1969, 0.2959,
0.5732

■ 71.7216, 0.2974,
0.5886

■ 71.6271, 0.2978,
0.5920

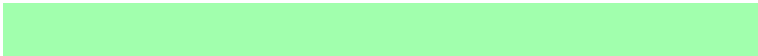
Harmonies

Analogous

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



82.1142, 0.3618, 0.4425



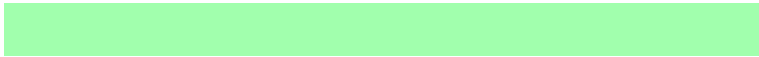
82.1142, 0.3014, 0.4267



82.1142, 0.2471, 0.3741

Triad

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



82.1142, 0.3014, 0.4267



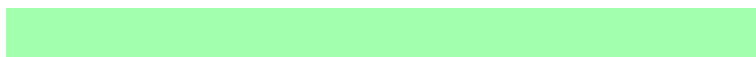
82.1142, 0.2179, 0.2360



82.1142, 0.4240, 0.3317

Complementary

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



82.1142, 0.3014, 0.4267



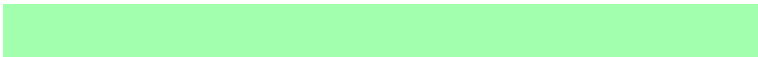
53.2249, 0.3267, 0.2478

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.



82.1142, 0.3775, 0.2870



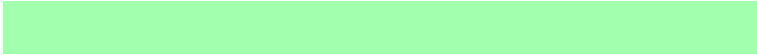
82.1142, 0.3014, 0.4267



82.1142, 0.2568, 0.2341

Square

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



82.1142, 0.3014, 0.4267



82.1142, 0.2026, 0.2611



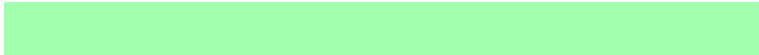
82.1142, 0.3144, 0.2525



82.1142, 0.4361, 0.3794

Rectangle

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



82.1142, 0.3014, 0.4267



82.1142, 0.2212, 0.3309



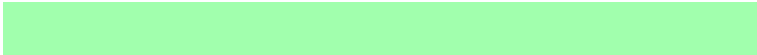
82.1142, 0.3144, 0.2525



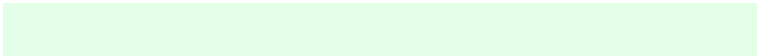
82.1142, 0.4117, 0.3161

Sweetspot

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



82.1150, 0.3014, 0.4267



93.5856, 0.3093, 0.3540



93.3328, 0.3608, 0.4235



19.8760, 0.3089, 0.3573



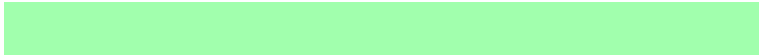
0.0000, 0.0000, 0.0000



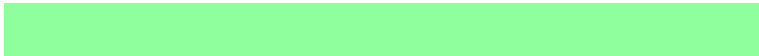
21.4041, 0.3127, 0.3290

Same Dimension

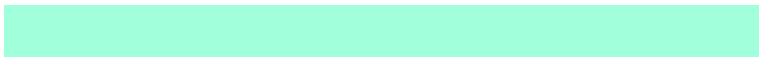
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1150, 0.3014, 0.4267



79.7798, 0.2995, 0.4495



84.2109, 0.2781, 0.3704



20.2059, 0.3098, 0.3504



37.4383, 0.2973, 0.5904



3.6565, 0.2930, 0.5748

Inverse Universe

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



53.2249, 0.3267, 0.2478



47.1774, 0.3300, 0.2329



50.7860, 0.3679, 0.2917



18.2581, 0.3158, 0.3085



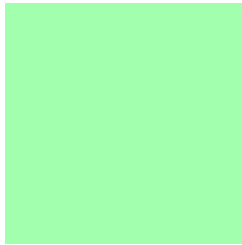
13.8936, 0.3561, 0.1735



1.3634, 0.3515, 0.1710

Previews

White Background



This preview shows how the Yxy color 82.1142, 0.3014, 0.4267 looks on a white background.

Color Contrast Check

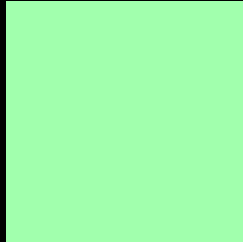
Large Text (above 18pt) WCAG AA × Fail

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 82.1142, 0.3014, 0.4267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

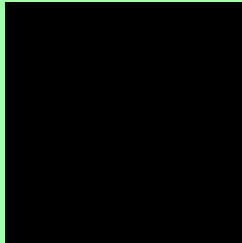
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.1142, 0.3014, 0.4267

Background



This preview shows how black text looks on a background with the Yxy color 82.1142, 0.3014, 0.4267.

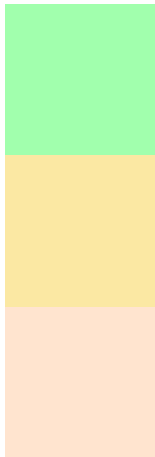


This preview shows how white text looks on a background with the Yxy color 82.1142, 0.3014, 0.4267.

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

82.1142, 0.3014, 0.4267

Protanopia

80.8668, 0.3718, 0.3995

Deuteranopia

81.2518, 0.3459, 0.3502



Tritanopia

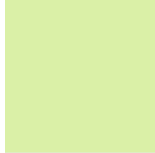
81.8664, 0.2772, 0.3140

Trichromacy



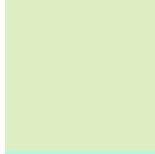
Original Color

82.1142, 0.3014, 0.4267



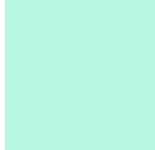
Protanomaly

80.0156, 0.3429, 0.4092



Deuteranomaly

80.4614, 0.3280, 0.3757



Tritanomaly

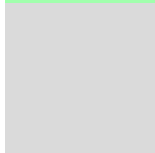
81.4151, 0.2861, 0.3525

Monochromacy



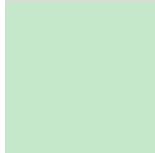
Original Color

82.1142, 0.3014, 0.4267



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

73.2864, 0.3078, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1142, 0.3014, 0.4267 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 173) }
```

Border

The CSS property to change the border of an element to Yxy 82.1142, 0.3014, 0.4267 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, 173) }
```

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

```
.border{ border-color:rgb(161, 255, 173) }
```

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, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1142, 0.3014, 0.4267 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, 173) }
```

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

```
.background{ background-color: rgb(161,  
255, 173) }
```

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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