

Converting Colors

Yxy(82.5857, 0.3103, 0.4363)

Have a look what the booklet for
Yxy(82.5857, 0.3103, 0.4363)
contains.

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Color

Yxy(82.6354, 0.3105, 0.4362)

Conversions

Conversions Part 1

Format	Color
Hex	A9FFA4
RGB	169, 255, 164
RGB Percent	66%, 100%, 64%
CMY	0.3373, 0.0000, 0.3567
CMYK	0.34, 0.00, 0.36, 0.00
HSL	117°, 100%, 82%
HSV	117°, 36%, 100%
XYZ	58.8223, 82.6354, 47.9861
YIQ	218.9120, -22.0450, -46.5330

Conversions

Conversions Part 2

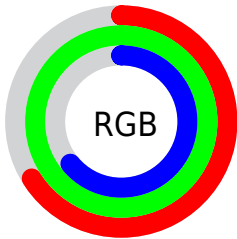
Format	Color
RYB	164, 255, 250
Decimal	11141028
CIELab	92.85, -43.11, 35.48
CIElCh	93, 55.831, 140.544
Yxy	82.6354, 0.3105, 0.4362
Android (android.graphics.Color)	4289331108 (0xFFA9FFA4)
YUV	218.9120, -27.0716, -43.7728
Hunter-Lab	90.9040, -43.5780, 32.3350

Details

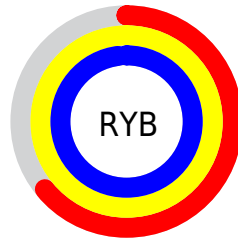
The Yxy color **82.6354, 0.3105, 0.4362** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **54.1158, 0.3129, 0.2392**, and the grayscale version is **70.9751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0182, 0.3154, 0.3651**, and **45.0466, 0.3077, 0.4640** is the 20% darker color. If you saturate the color by 10%, you get **79.3784, 0.3093, 0.4718**, and if you desaturate by 10%, it is **86.5673, 0.3114, 0.4022**.

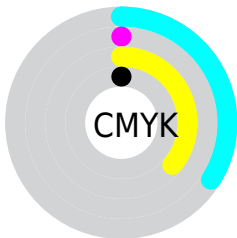
Distribution



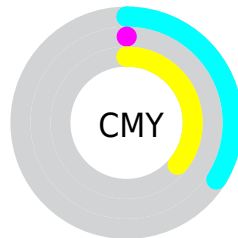
- Red (66%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (98%)



- Cyan (34%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (34%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6354, 0.3105, 0.4362 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 82.6354, 0.3105, 0.4362 by changing the saturation by 10% instead.


 82.6354, 0.3105,
0.4362


 82.6354, 0.3105,
0.4362


503.7706, 0.3133,
0.3848

 61.8894, 0.3094,
0.4483


 137.0647, 0.3118,
0.4181

 44.9434, 0.3078,
0.4633


 171.5168, 0.3122,
0.4111

 31.4128, 0.3053,
0.4826


211.3064, 0.3126,
0.4051

 20.9134, 0.3015,
0.5079

256.8179, 0.3128,
0.4000

 13.0607, 0.2949,
0.5426

308.4356, 0.3130,
0.3955

 7.4704, 0.2830,
0.5920


366.5441, 0.3131,


 3.7580, 0.2662,

0.3915

0.6839

431.5276, 0.3132,
0.3880

 1.5391, 0.1632,
0.8368


 0.3160, 0.0000,
1.0000


 82.6354, 0.3105,
0.4362

 82.6354, 0.3105,
0.4362


 79.3784, 0.3093,
0.4718

 86.5673, 0.3114,
0.4022

 76.7605, 0.3079,
0.5072

 91.2115, 0.3121,
0.3711

 74.7388, 0.3062,
0.5398

 96.6001, 0.3125,
0.3433

 73.2665, 0.3044,
0.5669

100.0000, 0.3127,
0.3290

■ 72.2893, 0.3027,
0.5862

■ 71.7422, 0.3012,
0.5968

■ 71.6124, 0.3008,
0.5994

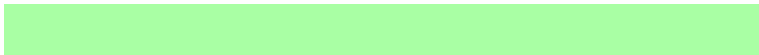
Harmonies

Analogous

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



82.6354, 0.3725, 0.4454



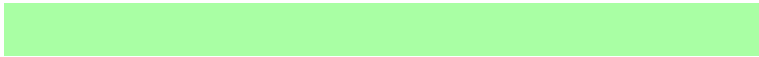
82.6354, 0.3105, 0.4362



82.6354, 0.2523, 0.3860

Triad

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



82.6354, 0.3105, 0.4362



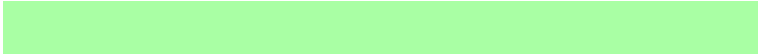
82.6354, 0.2107, 0.2352



82.6354, 0.4227, 0.3239

Complementary

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



82.6354, 0.3105, 0.4362



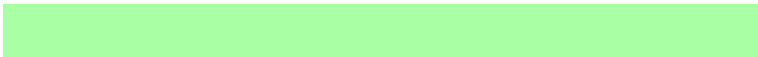
54.1158, 0.3129, 0.2392

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.



82.6354, 0.3701, 0.2791



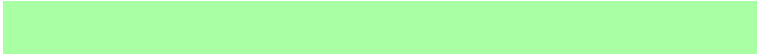
82.6354, 0.3105, 0.4362



82.6354, 0.2470, 0.2299

Square

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



82.6354, 0.3105, 0.4362



82.6354, 0.1989, 0.2649



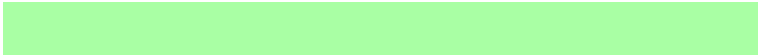
82.6354, 0.3042, 0.2458



82.6354, 0.4413, 0.3731

Rectangle

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



82.6354, 0.3105, 0.4362



82.6354, 0.2233, 0.3412



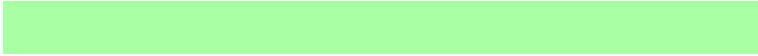
82.6354, 0.3042, 0.2458



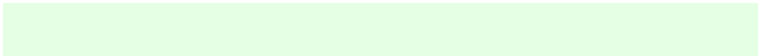
82.6354, 0.4082, 0.3082

Sweetspot

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



82.6346, 0.3105, 0.4362



93.6353, 0.3123, 0.3577



91.6530, 0.3685, 0.4129



19.8877, 0.3123, 0.3615



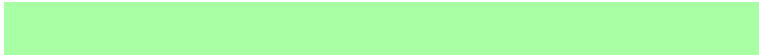
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

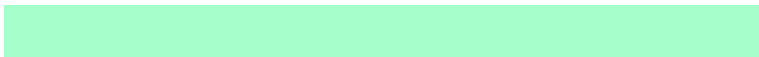
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6346, 0.3105, 0.4362



80.1848, 0.3097, 0.4622



83.7494, 0.2875, 0.3889



20.2153, 0.3124, 0.3535



37.4379, 0.3011, 0.5991



3.6610, 0.3038, 0.5970

Inverse Universe

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



54.1158, 0.3129, 0.2392



47.7238, 0.3126, 0.2217



52.7588, 0.3501, 0.2763



18.2471, 0.3129, 0.3055



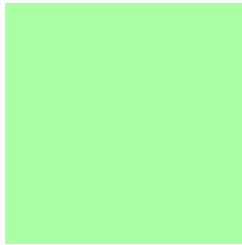
13.5774, 0.3073, 0.1466



1.3368, 0.3089, 0.1476

Previews

White Background



This preview shows how the Yxy color 82.6354, 0.3105, 0.4362 looks on a white background.

Color Contrast Check

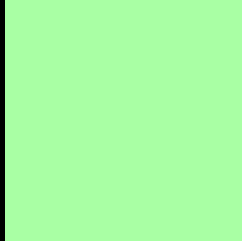
Large Text (above 18pt) WCAG AA × Fail

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 82.6354, 0.3105, 0.4362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

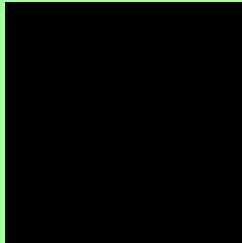
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.6354, 0.3105, 0.4362

Background



This preview shows how black text looks on a background with the Yxy color 82.6354, 0.3105, 0.4362.

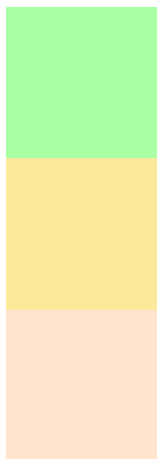


This preview shows how white text looks on a background with the Yxy color 82.6354, 0.3105, 0.4362.

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

82.6354, 0.3105, 0.4362

Protanopia

81.5270, 0.3781, 0.4079

Deuteranopia

81.7549, 0.3464, 0.3523



Tritanopia

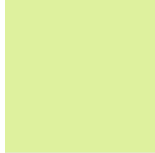
81.9577, 0.2800, 0.3130

Trichromacy



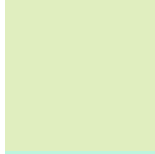
Original Color

82.6354, 0.3105, 0.4362



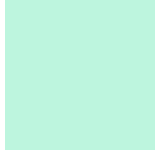
Protanomaly

80.9088, 0.3509, 0.4191



Deuteranomaly

80.7580, 0.3326, 0.3798



Tritanomaly

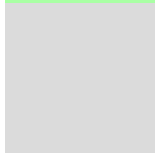
81.3976, 0.2911, 0.3546

Monochromacy



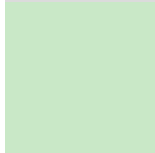
Original Color

82.6354, 0.3105, 0.4362



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

74.2543, 0.3123, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6354, 0.3105, 0.4362 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(169, 255, 164)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 164)  
}
```

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(169, 255, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 164) }
```

Border

The CSS property to change the border of an element to Yxy 82.6354, 0.3105, 0.4362 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(169, 255, 164) }
```

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

```
.border{ border-color:rgb(169, 255, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 255, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 255, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 255, 164);  
box-shadow:4px 4px 4px 4px rgb(169, 255,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6354, 0.3105, 0.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 255, 164) }
```

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

```
.background{ background-color: rgb(169,  
255, 164) }
```

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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