

Converting Colors

Yxy(82.0343, 0.3076, 0.4377)

Have a look what the booklet for
Yxy(82.0343, 0.3076, 0.4377)
contains.

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Color

Yxy(82.0928, 0.3076, 0.4372)

Conversions

Conversions Part 1

Format	Color
Hex	A4FFA4
RGB	164, 255, 164
RGB Percent	64%, 100%, 64%
CMY	0.3572, 0.0000, 0.3569
CMYK	0.36, 0.00, 0.36, 0.00
HSL	120°, 100%, 82%
HSV	120°, 36%, 100%
XYZ	57.7579, 82.0928, 47.9188
YIQ	217.4170, -25.0250, -47.5930

Conversions

Conversions Part 2

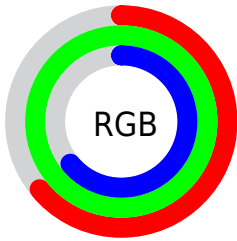
Format	Color
RYB	164, 255, 255
Decimal	10813348
CIELab	92.62, -44.66, 35.14
CIELCh	93, 56.830, 141.806
Yxy	82.0928, 0.3076, 0.4372
Android (android.graphics.Color)	4289003428 (0xFFA4FFA4)
YUV	217.4170, -26.3346, -46.8467
Hunter-Lab	90.6051, -44.7708, 32.0666

Details

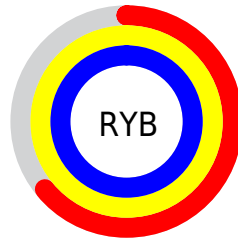
The Yxy color **82.0928, 0.3076, 0.4372** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **54.9985, 0.3169, 0.2403**, and the grayscale version is **69.8681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2169, 0.3122, 0.3654**, and **44.7240, 0.3043, 0.4654** is the 20% darker color. If you saturate the color by 10%, you get **78.8092, 0.3059, 0.4733**, and if you desaturate by 10%, it is **86.0876, 0.3092, 0.4028**.

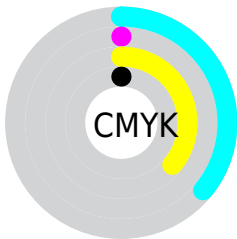
Distribution



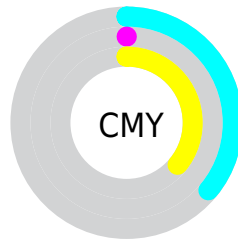
- Red (64%)
- Green (100%)
- Blue (64%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0928, 0.3076, 0.4372 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 82.0928, 0.3076, 0.4372 by changing the saturation by 10% instead.


 82.0928, 0.3076,
0.4372


 82.0928, 0.3076,
0.4372


501.9581, 0.3117,
0.3852

 61.4420, 0.3062,
0.4495

 136.3041, 0.3094,
0.4188

 44.5820, 0.3042,
0.4648


 170.6335, 0.3100,
0.4118

 31.1283, 0.3013,
0.4844


210.2912, 0.3105,
0.4057

 20.6966, 0.2968,
0.5102

255.6615, 0.3108,
0.4005

 12.9024, 0.2894,
0.5457

307.1290, 0.3111,
0.3959

 7.3614, 0.2762,
0.5965

365.0780, 0.3114,

 3.6891, 0.2576,

0.3919

0.6919

429.8929, 0.3116,
0.3884

■ 1.5012, 0.1364,
0.8636

■ 0.2896, 0.0000,
1.0000

■ 82.0928, 0.3076,
0.4372

■ 82.0928, 0.3076,
0.4372

■ 78.8092, 0.3059,
0.4733

■ 86.0876, 0.3092,
0.4028

■ 76.2185, 0.3042,
0.5091

■ 90.8592, 0.3107,
0.3714

■ 74.2638, 0.3027,
0.5420

■ 96.4363, 0.3120,
0.3434

■ 72.8902, 0.3014,
0.5690

100.0000, 0.3127,
0.3290

■ 72.0337, 0.3005,
0.5878

■ 71.6150, 0.3001,
0.5977

■ 71.5204, 0.3000,
0.6000

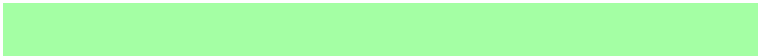
Harmonies

Analogous

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



82.0928, 0.3710, 0.4482



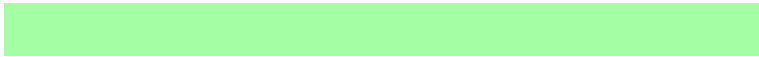
82.0928, 0.3076, 0.4372



82.0928, 0.2489, 0.3845

Triad

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



82.0928, 0.3076, 0.4372



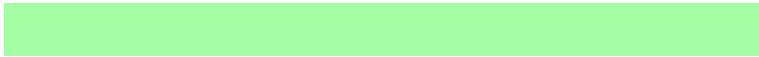
82.0928, 0.2099, 0.2328



82.0928, 0.4265, 0.3257

Complementary

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



82.0928, 0.3076, 0.4372



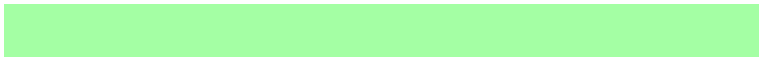
54.9985, 0.3169, 0.2403

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.



82.0928, 0.3740, 0.2799



82.0928, 0.3076, 0.4372



82.0928, 0.2478, 0.2284

Square

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



82.0928, 0.3076, 0.4372



82.0928, 0.1969, 0.2617



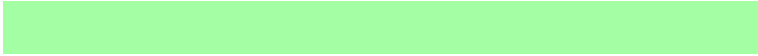
82.0928, 0.3067, 0.2455



82.0928, 0.4437, 0.3757

Rectangle

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



82.0928, 0.3076, 0.4372



82.0928, 0.2201, 0.3384



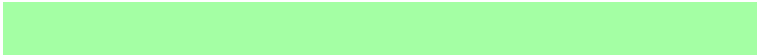
82.0928, 0.3067, 0.2455



82.0928, 0.4122, 0.3096

Sweetspot

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



82.0843, 0.3076, 0.4372



93.3873, 0.3114, 0.3577



95.4575, 0.3667, 0.4182



19.8292, 0.3112, 0.3616



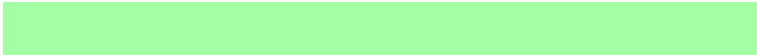
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

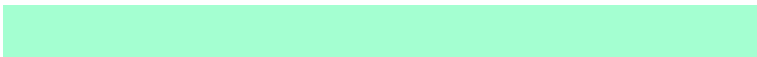
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0843, 0.3076, 0.4372



79.6294, 0.3064, 0.4634



84.0306, 0.2844, 0.3816



20.1684, 0.3116, 0.3536



37.3711, 0.3000, 0.6000



3.6388, 0.3000, 0.5998

Inverse Universe

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



54.9985, 0.3169, 0.2403



48.8324, 0.3177, 0.2234



52.4094, 0.3557, 0.2822



18.3002, 0.3138, 0.3056



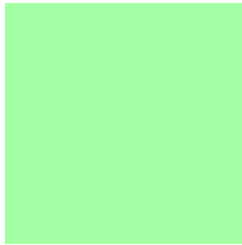
14.8749, 0.3211, 0.1543



1.4484, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 82.0928, 0.3076, 0.4372 looks on a white background.

Color Contrast Check

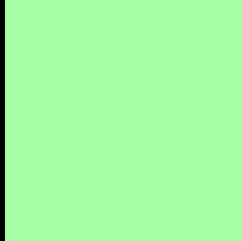
Large Text (above 18pt) WCAG AA × Fail

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 82.0928, 0.3076, 0.4372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

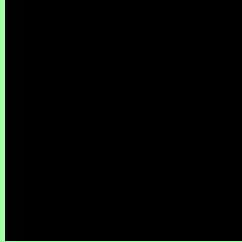
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.0928, 0.3076, 0.4372

Background



This preview shows how black text looks on a background with the Yxy color 82.0928, 0.3076, 0.4372.

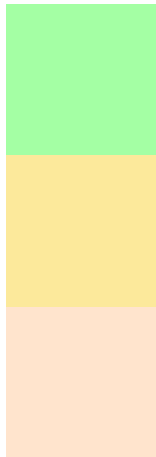


This preview shows how white text looks on a background with the Yxy color 82.0928, 0.3076, 0.4372.

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

82.0928, 0.3076, 0.4372

Protanopia

81.3398, 0.3773, 0.4082

Deuteranopia

81.1546, 0.3473, 0.3523



Tritanopia

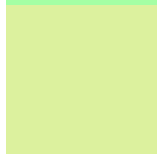
81.4105, 0.2777, 0.3129

Trichromacy



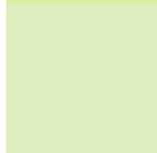
Original Color

82.0928, 0.3076, 0.4372



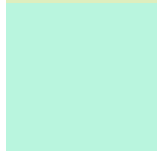
Protanomaly

80.5949, 0.3495, 0.4195



Deuteranomaly

80.3964, 0.3318, 0.3811



Tritanomaly

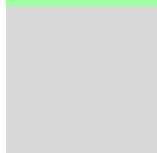
80.8930, 0.2888, 0.3548

Monochromacy



Original Color

82.0928, 0.3076, 0.4372



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

73.2348, 0.3109, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0928, 0.3076, 0.4372 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(164, 255, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 255, 164) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 82.0928, 0.3076, 0.4372 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(164, 255, 164) }
```

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

```
.border{ border-color:rgb(164, 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(164, 255, 164) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 82.0928, 0.3076, 0.4372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(164,  
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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