

Converting Colors

Yxy(81.3552, 0.2918, 0.4485)

Have a look what the booklet for
Yxy(81.3552, 0.2918, 0.4485)
contains.

Yxy(79.0342, 0.2918, 0.4452)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.0342, 0.2918, 0.4452)

Conversions

Conversions Part 1

Format	Color
Hex	84FFA2
RGB	132, 255, 162
RGB Percent	52%, 100%, 64%
CMY	0.4821, 0.0000, 0.3648
CMYK	0.48, 0.00, 0.36, 0.00
HSL	135°, 100%, 76%
HSV	135°, 48%, 100%
XYZ	51.8018, 79.0342, 46.6891
YIQ	207.6210, -43.4550, -54.9990

Conversions

Conversions Part 2

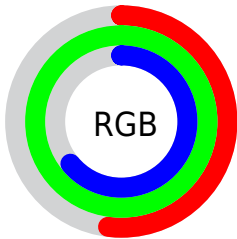
Format	Color
RYB	132, 231, 255
Decimal	8716194
CIELab	91.25, -53.86, 34.10
CIELCh	91, 63.750, 147.666
Yxy	79.0342, 0.2918, 0.4452
Android (android.graphics.Color)	4286906274 (0xFF84FFA2)
YUV	207.6210, -22.4912, -66.3196
Hunter-Lab	88.9012, -51.5669, 31.0929

Details

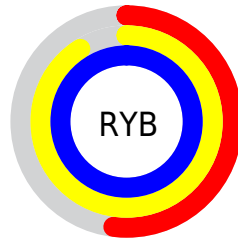
The Yxy color **79.0342, 0.2918, 0.4452** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **43.2215, 0.3455, 0.2366**, and the grayscale version is **62.9972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6583, 0.2948, 0.3697**, and **42.3762, 0.2845, 0.4761** is the 20% darker color. If you saturate the color by 10%, you get **76.5913, 0.2892, 0.4743**, and if you desaturate by 10%, it is **82.0913, 0.2953, 0.4170**.

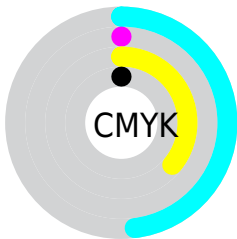
Distribution



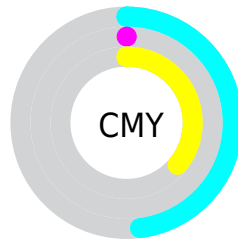
- Red (52%)
- Green (100%)
- Blue (64%)



- Red (52%)
- Yellow (91%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0342, 0.2918, 0.4452 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 79.0342, 0.2918, 0.4452 by changing the saturation by 10% instead.


 79.0342, 0.2918,
0.4452

 79.0342, 0.2918,
0.4452


491.6720, 0.3034,
0.3885


 58.9239, 0.2886,
0.4588


 132.0070, 0.2962,
0.4250

 42.5519, 0.2845,
0.4759


 165.6383, 0.2978,
0.4173

 29.5337, 0.2788,
0.4980


 204.5455, 0.2992,
0.4107

 19.4849, 0.2706,
0.5274

249.1128, 0.3003,
0.4050

 12.0212, 0.2581,
0.5684

299.7247, 0.3012,
0.4001

 6.7581, 0.2375,
0.6280


356.7656, 0.3021,


 3.3113, 0.2093,

0.3958


0.7504


420.6199, 0.3028,
0.3919


 1.2963, 0.0000,
1.0000


 0.1384, 0.0000,
1.0000


 79.0342, 0.2918,
0.4452


 79.0342, 0.2918,
0.4452


 76.5913, 0.2892,
0.4743


 82.0913, 0.2953,
0.4170


 74.7109, 0.2879,
0.5031

 85.7909, 0.2995,
0.3906

 73.3485, 0.2881,
0.5300

 90.1710, 0.3041,
0.3664

 72.4486, 0.2897,
0.5534

 95.2639, 0.3088,
0.3448

■ 71.9360, 0.2925,
0.5721

99.9994, 0.3127,
0.3290

■ 71.8674, 0.2930,
0.5749

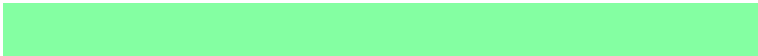
Harmonies

Analogous

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



79.0342, 0.3634, 0.4663



79.0342, 0.2918, 0.4452



79.0342, 0.2297, 0.3770

Triad

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



79.0342, 0.2918, 0.4452



79.0342, 0.2040, 0.2183



79.0342, 0.4494, 0.3347

Complementary

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



79.0342, 0.2918, 0.4452



43.2215, 0.3455, 0.2366

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.



79.0342, 0.3960, 0.2829



79.0342, 0.2918, 0.4452



79.0342, 0.2507, 0.2190

Square

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



79.0342, 0.2918, 0.4452



79.0342, 0.1842, 0.2439



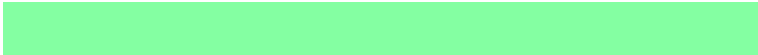
79.0342, 0.3202, 0.2420



79.0342, 0.4589, 0.3900

Rectangle

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



79.0342, 0.2918, 0.4452



79.0342, 0.2015, 0.3236



79.0342, 0.3202, 0.2420



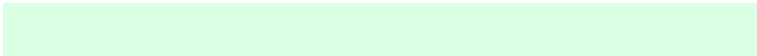
79.0342, 0.4359, 0.3166

Sweetspot

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



79.0375, 0.2918, 0.4452



92.2271, 0.3061, 0.3570



89.4067, 0.3640, 0.4558



19.5115, 0.3051, 0.3618



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.



79.0375, 0.2918, 0.4452



76.6373, 0.2893, 0.4737



81.7157, 0.2633, 0.3678



20.2406, 0.3082, 0.3475



37.5721, 0.2923, 0.5724



3.6746, 0.2865, 0.5515

Inverse Universe

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



43.2215, 0.3455, 0.2366



36.9123, 0.3546, 0.2207



40.4909, 0.4104, 0.2952



18.2204, 0.3175, 0.3112



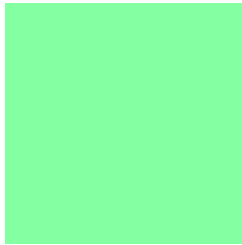
13.1450, 0.3941, 0.1945



1.2971, 0.3839, 0.1889

Previews

White Background



This preview shows how the Yxy color 79.0342, 0.2918, 0.4452 looks on a white background.

Color Contrast Check

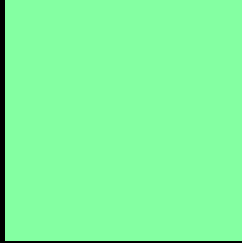
Large Text (above 18pt) WCAG AA × Fail

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 79.0342, 0.2918, 0.4452 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 79.0342, 0.2918, 0.4452

Background



This preview shows how black text looks on a background with the Yxy color 79.0342, 0.2918, 0.4452.

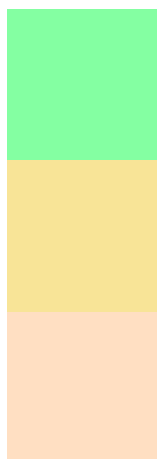


This preview shows how white text looks on a background with the Yxy color 79.0342, 0.2918, 0.4452.

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

79.0342, 0.2918, 0.4452

Protanopia

77.6776, 0.3788, 0.4084

Deuteranopia

77.9304, 0.3560, 0.3586



Tritanopia

78.7703, 0.2662, 0.3124

Trichromacy



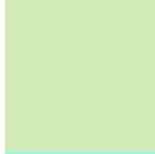
Original Color

79.0342, 0.2918, 0.4452



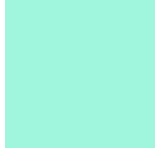
Protanomaly

76.6374, 0.3420, 0.4231



Deuteranomaly

76.4957, 0.3289, 0.3886



Tritanomaly

77.9989, 0.2755, 0.3570

Monochromacy



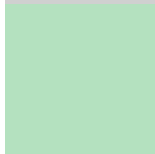
Original Color

79.0342, 0.2918, 0.4452



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

67.3153, 0.3033, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0342, 0.2918, 0.4452 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(132, 255, 162)` looks like.

```
.text, #text, p{  
    color:rgb(132, 255, 162)  
}
```

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(132, 255, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 255, 162) }
```

Border

The CSS property to change the border of an element to Yxy 79.0342, 0.2918, 0.4452 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(132, 255, 162) }
```

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

```
.border{ border-color:rgb(132, 255, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 255, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 255, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 255, 162);  
box-shadow:4px 4px 4px 4px rgb(132, 255,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0342, 0.2918, 0.4452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 255, 162) }
```

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

```
.background{ background-color: rgb(132,  
255, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor