

Converting Colors

$Yxy(79.2933, 0.3046, 0.4358)$

Have a look what the booklet for
Yxy(79.2933, 0.3046, 0.4358)
contains.

| | |
|---|----|
| Yxy(79.5343, 0.3048, 0.4367) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(79.5343, 0.3048, 0.4367)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9EFCA3 |
| RGB | 158, 252, 163 |
| RGB Percent | 62%, 99%, 64% |
| CMY | 0.3807, 0.0117, 0.3607 |
| CMYK | 0.37, 0.00, 0.35, 0.01 |
| HSL | 123°, 94%, 80% |
| HSV | 123°, 37%, 99% |
| XYZ | 55.5119, 79.5343, 47.0795 |
| YIQ | 213.7480, -27.4550, -47.6070 |

Conversions

Conversions Part 2

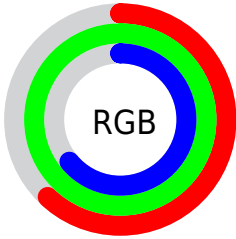
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 158, 247, 252 |
| Decimal | 10419363 |
| CIELab | 91.48, -45.31, 34.07 |
| CIELCh | 91, 56.689, 143.063 |
| Yxy | 79.5343, 0.3048, 0.4367 |
| Android (android.graphics.Color) | 4288609443 (0xFF9EFCA3) |
| YUV | 213.7480, -25.0188, -48.8910 |
| Hunter-Lab | 89.1820, -44.9600, 31.1280 |

Details

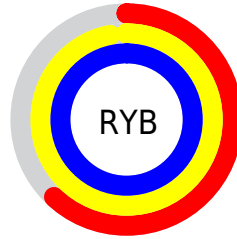
The Yxy color **79.5343, 0.3048, 0.4367** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **51.8397, 0.3212, 0.2408**, and the grayscale version is **67.2440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2334, 0.3091, 0.3669**, and **42.9808, 0.3011, 0.4653** is the 20% darker color. If you saturate the color by 10%, you get **76.4644, 0.3027, 0.4713**, and if you desaturate by 10%, it is **83.2958, 0.3070, 0.4038**.

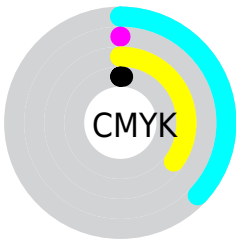
Distribution



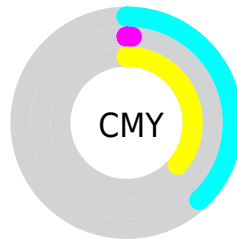
- Red (62%)
- Green (99%)
- Blue (64%)



- Red (62%)
- Yellow (97%)
- Blue (99%)



- Cyan (37%)
- Magenta (0%)
- Yellow (35%)
- Black (1%)





- Cyan (38%)
- Magenta (1%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5343, 0.3048, 0.4367 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 79.5343, 0.3048, 0.4367 by changing the saturation by 10% instead.


 79.5343, 0.3048,
0.4367

 79.5343, 0.3048,
0.4367


493.3620, 0.3102,
0.3846

 59.3352, 0.3031,
0.4491

 132.7108, 0.3070,
0.4182

 42.8830, 0.3007,
0.4646


 166.4570, 0.3078,
0.4111

 29.7933, 0.2974,
0.4845

205.4876, 0.3084,
0.4051

 19.6818, 0.2922,
0.5110


250.1872, 0.3089,
0.3999

 12.1639, 0.2839,
0.5476

300.9400, 0.3093,
0.3953

 6.8554, 0.2694,
0.6005

358.1305, 0.3097,

 3.3719, 0.2501,

0.3913

422.1430, 0.3100,
0.3878

0.7065

1.3288, 0.0709,
0.9291

0.1633, 0.0000,
1.0000

79.5343, 0.3048,
0.4367

79.5343, 0.3048,
0.4367

76.4644, 0.3027,
0.4713

83.2958, 0.3070,
0.4038

74.0349, 0.3010,
0.5058

87.7769, 0.3092,
0.3736

72.2032, 0.2997,
0.5378

93.0159, 0.3113,
0.3466

70.9175, 0.2989,
0.5647

98.1110, 0.3128,
0.3262

■ 70.1172, 0.2989,
0.5844

■ 69.7247, 0.2993,
0.5958

■ 69.6616, 0.2993,
0.5976

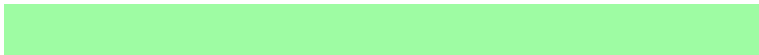
Harmonies

Analogous

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



79.5343, 0.3688, 0.4496



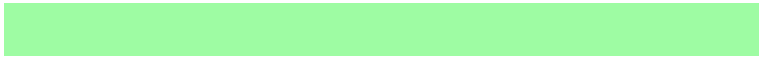
79.5343, 0.3048, 0.4367



79.5343, 0.2463, 0.3821

Triad

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



79.5343, 0.3048, 0.4367



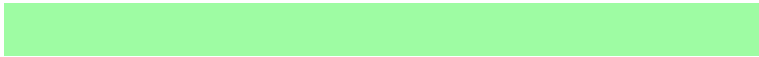
79.5343, 0.2103, 0.2314



79.5343, 0.4290, 0.3277

Complementary

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



79.5343, 0.3048, 0.4367



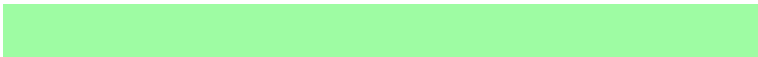
51.8397, 0.3212, 0.2408

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.



79.5343, 0.3771, 0.2813



79.5343, 0.3048, 0.4367



79.5343, 0.2494, 0.2280

Square

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



79.5343, 0.3048, 0.4367



79.5343, 0.1961, 0.2594



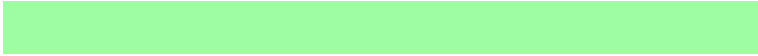
79.5343, 0.3094, 0.2461



79.5343, 0.4445, 0.3780

Rectangle

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



79.5343, 0.3048, 0.4367



79.5343, 0.2179, 0.3356



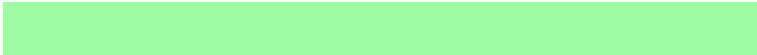
79.5343, 0.3094, 0.2461



79.5343, 0.4150, 0.3115

Sweetspot

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



79.5376, 0.3048, 0.4367



93.4700, 0.3105, 0.3562



91.9281, 0.3657, 0.4231



19.8487, 0.3102, 0.3598



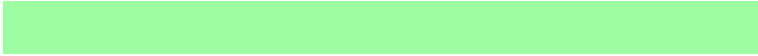
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

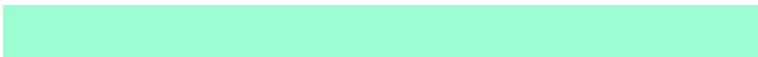
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5376, 0.3048, 0.4367



79.2064, 0.3032, 0.4633



81.5300, 0.2809, 0.3786



19.3244, 0.3108, 0.3522



36.2886, 0.2991, 0.5967



3.3661, 0.2968, 0.5886

Inverse Universe

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



51.8397, 0.3212, 0.2408



46.9167, 0.3231, 0.2239



49.3109, 0.3628, 0.2848



17.5074, 0.3146, 0.3069



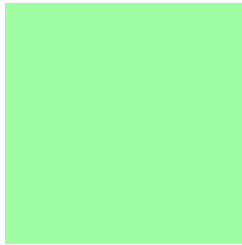
14.0154, 0.3349, 0.1619



1.3029, 0.3331, 0.1609

Previews

White Background



This preview shows how the Yxy color 79.5343, 0.3048, 0.4367 looks on a white background.

Color Contrast Check

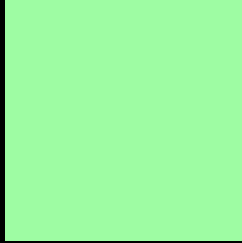
Large Text (above 18pt) WCAG AA × Fail

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 79.5343, 0.3048, 0.4367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

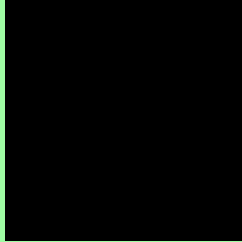
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

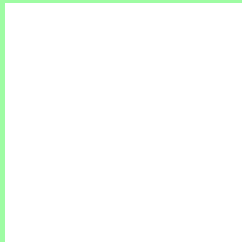
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5343, 0.3048, 0.4367

Background



This preview shows how black text looks on a background with the Yxy color 79.5343, 0.3048, 0.4367.

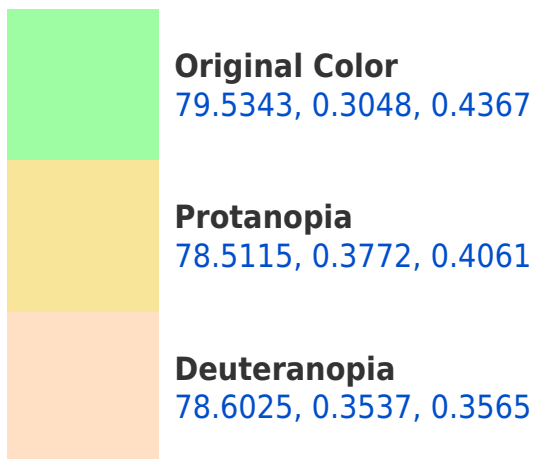


This preview shows how white text looks on a background with the Yxy color 79.5343, 0.3048, 0.4367.

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

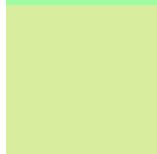
79.3921, 0.2714, 0.3115

Trichromacy



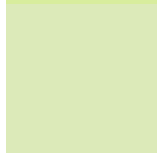
Original Color

79.5343, 0.3048, 0.4367



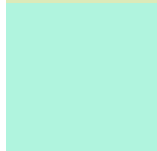
Protanomaly

77.6016, 0.3482, 0.4178



Deuteranomaly

77.5641, 0.3342, 0.3829



Tritanomaly

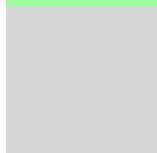
79.2054, 0.2836, 0.3541

Monochromacy



Original Color

79.5343, 0.3048, 0.4367



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

70.8963, 0.3102, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5343, 0.3048, 0.4367 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(158, 252, 163)` looks like.

```
.text, #text, p{  
    color:rgb(158, 252, 163)  
}
```

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(158, 252, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 252, 163) }
```

Border

The CSS property to change the border of an element to Yxy 79.5343, 0.3048, 0.4367 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(158, 252, 163) }
```

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

```
.border{ border-color:rgb(158, 252, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 252, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 252, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 252, 163);  
box-shadow:4px 4px 4px 4px rgb(158, 252,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5343, 0.3048, 0.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 252, 163) }
```

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

```
.background{ background-color: rgb(158,  
252, 163) }
```

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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