

Converting Colors

Yxy(115.8733, 0.3008, 0.4908)

Have a look what the booklet for
Yxy(115.8733, 0.3008, 0.4908)
contains.

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Color

Yxy(79.6927, 0.3011, 0.4534)

Conversions

Conversions Part 1

Format	Color
Hex	8FFF9A
RGB	143, 255, 154
RGB Percent	56%, 100%, 60%
CMY	0.4391, 0.0000, 0.3962
CMYK	0.44, 0.00, 0.40, 0.00
HSL	126°, 100%, 78%
HSV	126°, 44%, 100%
XYZ	52.9234, 79.6927, 43.1508
YIQ	209.9980, -34.3310, -55.1550

Conversions

Conversions Part 2

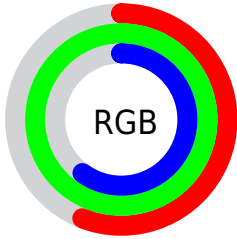
Format	Color
RYB	143, 245, 255
Decimal	9437082
CIELab	91.55, -52.22, 38.52
CIELCh	92, 64.889, 143.585
Yxy	79.6927, 0.3011, 0.4534
Android (android.graphics.Color)	4287627162 (0xFF8FFF9A)
YUV	209.9980, -27.6070, -58.7572
Hunter-Lab	89.2708, -50.4017, 33.8306

Details

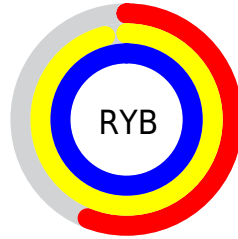
The Yxy color **79.6927, 0.3011, 0.4534** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **47.4532, 0.3270, 0.2302**, and the grayscale version is **64.6547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5410, 0.3055, 0.3791**, and **42.7569, 0.2954, 0.4863** is the 20% darker color. If you saturate the color by 10%, you get **76.9771, 0.2990, 0.4870**, and if you desaturate by 10%, it is **83.0779, 0.3036, 0.4207**.

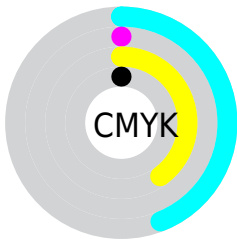
Distribution



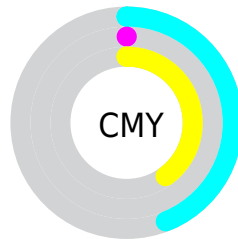
- Red (56%)
- Green (100%)
- Blue (60%)



- Red (56%)
- Yellow (96%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.6927, 0.3011, 0.4534 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 79.6927, 0.3011, 0.4534 by changing the saturation by 10% instead.


 79.6927, 0.3011,
0.4534


 79.6927, 0.3011,
0.4534

493.8966, 0.3088,
0.3928

 59.4655, 0.2987,
0.4678

 132.9336, 0.3043,
0.4319

 42.9880, 0.2954,
0.4859


 166.7161, 0.3053,
0.4236

 29.8757, 0.2907,
0.5092


205.7858, 0.3062,
0.4166

 19.7442, 0.2837,
0.5401


250.5272, 0.3069,
0.4105

 12.2093, 0.2724,
0.5824

301.3245, 0.3075,
0.4053

 6.8864, 0.2529,
0.6429


358.5623, 0.3080,


 3.3911, 0.2280,

0.4006

0.7720


422.6248, 0.3084,
0.3965

 1.3392, 0.0000,
1.0000


 0.1712, 0.0000,
1.0000


 79.6927, 0.3011,
0.4534


 79.6927, 0.3011,
0.4534


 76.9771, 0.2990,
0.4870


 83.0779, 0.3036,
0.4207


 74.8791, 0.2975,
0.5195

 87.1645, 0.3063,
0.3901

 73.3520, 0.2968,
0.5487

 91.9920, 0.3090,
0.3623

 72.3393, 0.2970,
0.5722

 97.5945, 0.3117,
0.3378

■ 71.7721, 0.2979,
0.5885

100.0000, 0.3127,
0.3290

■ 71.5897, 0.2986,
0.5948

Harmonies

Analogous

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



79.6927, 0.3735, 0.4671



79.6927, 0.3011, 0.4534



79.6927, 0.2357, 0.3887

Triad

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



79.6927, 0.3011, 0.4534



79.6927, 0.1983, 0.2187



79.6927, 0.4465, 0.3270

Complementary

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



79.6927, 0.3011, 0.4534



47.4532, 0.3270, 0.2302

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.



79.6927, 0.3874, 0.2758



79.6927, 0.3011, 0.4534



79.6927, 0.2419, 0.2161

Square

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



79.6927, 0.3011, 0.4534



79.6927, 0.1820, 0.2485



79.6927, 0.3097, 0.2366



79.6927, 0.4625, 0.3829

Rectangle

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



79.6927, 0.3011, 0.4534



79.6927, 0.2048, 0.3341



79.6927, 0.3097, 0.2366



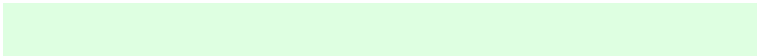
79.6927, 0.4307, 0.3091

Sweetspot

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



79.6954, 0.3011, 0.4534



92.4669, 0.3093, 0.3600



93.0376, 0.3717, 0.4400



19.5463, 0.3087, 0.3658



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

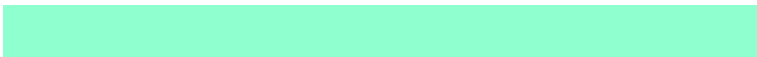
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6954, 0.3011, 0.4534



77.1970, 0.2992, 0.4840



81.9346, 0.2746, 0.3845



20.1970, 0.3102, 0.3511



37.4166, 0.2982, 0.5934



3.6523, 0.2946, 0.5805

Inverse Universe

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



47.4532, 0.3270, 0.2302



41.0561, 0.3306, 0.2123



44.6215, 0.3796, 0.2808



18.2680, 0.3153, 0.3078



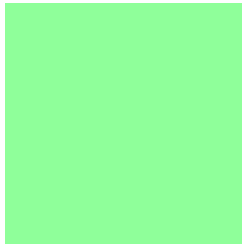
14.1097, 0.3472, 0.1686



1.3823, 0.3438, 0.1668

Previews

White Background



This preview shows how the Yxy color 79.6927, 0.3011, 0.4534 looks on a white background.

Color Contrast Check

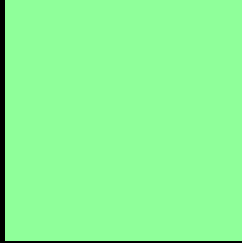
Large Text (above 18pt) WCAG AA × Fail

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 79.6927, 0.3011, 0.4534 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 79.6927, 0.3011, 0.4534

Background



This preview shows how black text looks on a background with the Yxy color 79.6927, 0.3011, 0.4534.

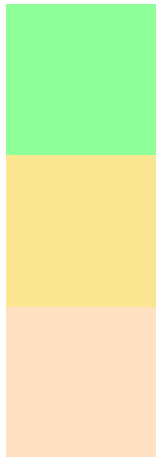


This preview shows how white text looks on a background with the Yxy color 79.6927, 0.3011, 0.4534.

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

79.6927, 0.3011, 0.4534

Protanopia

78.3762, 0.3844, 0.4157

Deuteranopia

78.5114, 0.3551, 0.3586



Tritanopia

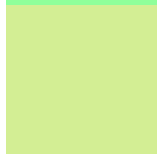
78.8981, 0.2692, 0.3114

Trichromacy



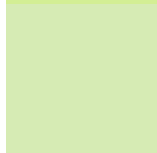
Original Color

79.6927, 0.3011, 0.4534



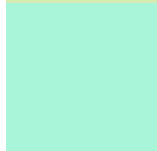
Protanomaly

77.1361, 0.3497, 0.4297



Deuteranomaly

77.0081, 0.3329, 0.3904



Tritanomaly

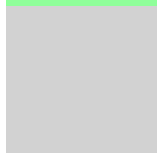
78.6916, 0.2814, 0.3603

Monochromacy



Original Color

79.6927, 0.3011, 0.4534



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

68.5495, 0.3080, 0.3721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6927, 0.3011, 0.4534 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(143, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 154)  
}
```

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(143, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 154) }
```

Border

The CSS property to change the border of an element to Yxy 79.6927, 0.3011, 0.4534 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(143, 255, 154) }
```

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

```
.border{ border-color:rgb(143, 255, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 255, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 255, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 255, 154); box-shadow:4px 4px 4px 4px rgb(143, 255, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6927, 0.3011, 0.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 255, 154) }
```

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

```
.background{ background-color: rgb(143,  
255, 154) }
```

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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