

Converting Colors

Yxy(79.7714, 0.3056, 0.4602)

Have a look what the booklet for
Yxy(79.7714, 0.3056, 0.4602)
contains.

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Color

Yxy(79.7691, 0.3055, 0.4602)

Conversions

Conversions Part 1

Format	Color
Hex	92FF94
RGB	146, 255, 148
RGB Percent	57%, 100%, 58%
CMY	0.4276, 0.0000, 0.4197
CMYK	0.43, 0.00, 0.42, 0.00
HSL	121°, 100%, 79%
HSV	121°, 43%, 100%
XYZ	52.9541, 79.7691, 40.6126
YIQ	210.2110, -30.6170, -56.3850

Conversions

Conversions Part 2

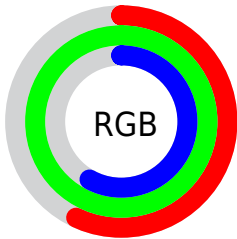
Format	Color
RYB	146, 253, 255
Decimal	9633684
CIELab	91.58, -52.29, 41.52
CIElCh	92, 66.766, 141.549
Yxy	79.7691, 0.3055, 0.4602
Android (android.graphics.Color)	4287823764 (0xFF92FF94)
YUV	210.2110, -30.6700, -56.3130
Hunter-Lab	89.3135, -50.4659, 35.5592

Details

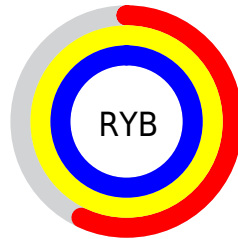
The Yxy color **79.7691, 0.3055, 0.4602** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **48.9010, 0.3193, 0.2255**, and the grayscale version is **64.8072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6692, 0.3107, 0.3856**, and **42.8334, 0.3008, 0.4946** is the 20% darker color. If you saturate the color by 10%, you get **76.9757, 0.3037, 0.4959**, and if you desaturate by 10%, it is **83.2486, 0.3073, 0.4250**.

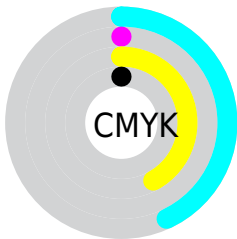
Distribution



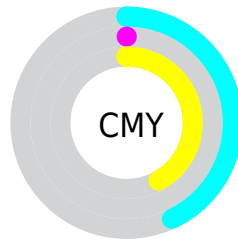
- Red (57%)
- Green (100%)
- Blue (58%)



- Red (57%)
- Yellow (99%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (43%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.7691, 0.3055, 0.4602 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 79.7691, 0.3055, 0.4602 by changing the saturation by 10% instead.


 79.7691, 0.3055,
0.4602


 79.7691, 0.3055,
0.4602


494.1543, 0.3115,
0.3963

 59.5284, 0.3034,
0.4754

 133.0411, 0.3081,
0.4375

 43.0386, 0.3004,
0.4944


 166.8411, 0.3090,
0.4288

 29.9154, 0.2960,
0.5187


205.9296, 0.3097,
0.4214

 19.7744, 0.2892,
0.5508

250.6911, 0.3102,
0.4150

 12.2311, 0.2779,
0.5946

301.5099, 0.3106,
0.4094

 6.9013, 0.2579,
0.6561


358.7705, 0.3110,


 3.4005, 0.2279,


0.4045


0.7721


422.8572, 0.3112,
0.4002


 1.3442, 0.0000,
1.0000


 0.1750, 0.0000,
1.0000

 79.7691, 0.3055,
0.4602


 79.7691, 0.3055,
0.4602


 76.9757, 0.3037,
0.4959


 83.2486, 0.3073,
0.4250


 74.8317, 0.3022,
0.5298

 87.4657, 0.3091,
0.3920

 73.2821, 0.3009,
0.5591

 92.4559, 0.3108,
0.3621

 72.2671, 0.3002,
0.5811

 98.2552, 0.3123,
0.3357

■ 71.7144, 0.2999,
0.5945

100.0000, 0.3127,
0.3290

■ 71.5303, 0.2998,
0.5992

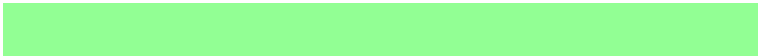
Harmonies

Analogous

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



79.7691, 0.3795, 0.4699



79.7691, 0.3055, 0.4602



79.7691, 0.2375, 0.3961

Triad

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



79.7691, 0.3055, 0.4602



79.7691, 0.1935, 0.2171



79.7691, 0.4474, 0.3229

Complementary

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



79.7691, 0.3055, 0.4602



48.9010, 0.3193, 0.2255

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.



79.7691, 0.3843, 0.2711



79.7691, 0.3055, 0.4602



79.7691, 0.2361, 0.2128

Square

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



79.7691, 0.3055, 0.4602



79.7691, 0.1788, 0.2493



79.7691, 0.3042, 0.2323



79.7691, 0.4670, 0.3799

Rectangle

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



79.7691, 0.3055, 0.4602



79.7691, 0.2046, 0.3397



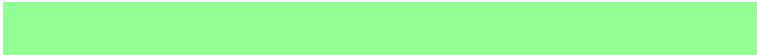
79.7691, 0.3042, 0.2323



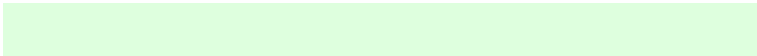
79.7691, 0.4302, 0.3047

Sweetspot

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



79.7659, 0.3055, 0.4602



92.3245, 0.3108, 0.3628



94.5115, 0.3754, 0.4352



19.5118, 0.3104, 0.3691



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

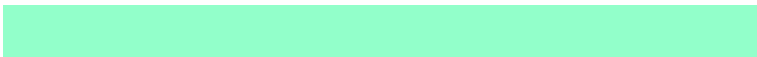
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7659, 0.3055, 0.4602



77.4174, 0.3040, 0.4897



81.9072, 0.2790, 0.3919



20.1736, 0.3113, 0.3531



37.3784, 0.2997, 0.5989



3.6412, 0.2989, 0.5962

Inverse Universe

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



48.9010, 0.3193, 0.2255



42.9815, 0.3206, 0.2080



45.9176, 0.3697, 0.2747



18.2943, 0.3141, 0.3060



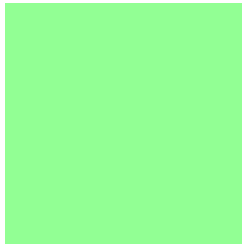
14.7282, 0.3256, 0.1567



1.4358, 0.3250, 0.1564

Previews

White Background



This preview shows how the Yxy color 79.7691, 0.3055, 0.4602 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 79.7691, 0.3055, 0.4602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

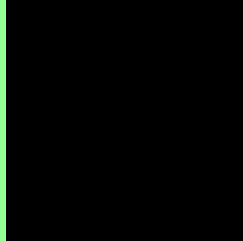
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

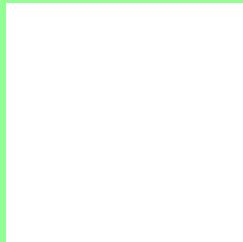
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7691, 0.3055, 0.4602

Background



This preview shows how black text looks on a background with the Yxy color 79.7691, 0.3055, 0.4602.

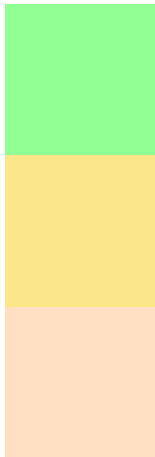


This preview shows how white text looks on a background with the Yxy color 79.7691, 0.3055, 0.4602.

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

79.7691, 0.3055, 0.4602

Protanopia

78.9378, 0.3885, 0.4220

Deuteranopia

78.4664, 0.3558, 0.3596



Tritanopia

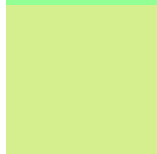
79.0203, 0.2698, 0.3114

Trichromacy



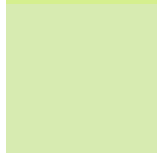
Original Color

79.7691, 0.3055, 0.4602



Protanomaly

77.8321, 0.3544, 0.4365



Deuteranomaly

77.0381, 0.3355, 0.3936



Tritanomaly

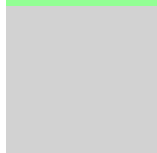
78.8087, 0.2835, 0.3626

Monochromacy



Original Color

79.7691, 0.3055, 0.4602



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

68.5454, 0.3105, 0.3757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7691, 0.3055, 0.4602 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(146, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(146, 255, 148)  
}
```

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(146, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 255, 148) }
```

Border

The CSS property to change the border of an element to Yxy 79.7691, 0.3055, 0.4602 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(146, 255, 148) }
```

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

```
.border{ border-color:rgb(146, 255, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 255, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 255, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 255, 148); box-shadow:4px 4px 4px 4px rgb(146, 255, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7691, 0.3055, 0.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 255, 148) }
```

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

```
.background{ background-color: rgb(146,  
255, 148) }
```

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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