

Converting Colors

$Yxy(79.6866, 0.2958, 0.4443)$

Have a look what the booklet for
Yxy(79.6866, 0.2958, 0.4443)
contains.

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Color

Yxy(79.7041, 0.2957, 0.4439)

Conversions

Conversions Part 1

Format	Color
Hex	8CFFA2
RGB	140, 255, 162
RGB Percent	55%, 100%, 64%
CMY	0.4510, 0.0000, 0.3648
CMYK	0.45, 0.00, 0.36, 0.00
HSL	131°, 100%, 77%
HSV	131°, 45%, 100%
XYZ	53.0942, 79.7041, 46.7559
YIQ	210.0130, -38.6870, -53.3030

Conversions

Conversions Part 2

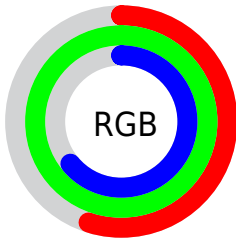
Format	Color
RYB	140, 237, 255
Decimal	9240482
CIELab	91.55, -51.80, 34.55
CIElCh	92, 62.262, 146.300
Yxy	79.7041, 0.2957, 0.4439
Android (android.graphics.Color)	4287430562 (0xFF8CFFA2)
YUV	210.0130, -23.6704, -61.4014
Hunter-Lab	89.2772, -50.0790, 31.4429

Details

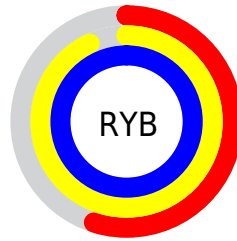
The Yxy color **79.7041, 0.2957, 0.4439** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **45.8993, 0.3372, 0.2369**, and the grayscale version is **64.6318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5877, 0.2988, 0.3692**, and **42.7860, 0.2894, 0.4741** is the 20% darker color. If you saturate the color by 10%, you get **77.0642, 0.2932, 0.4746**, and if you desaturate by 10%, it is **82.9749, 0.2990, 0.4142**.

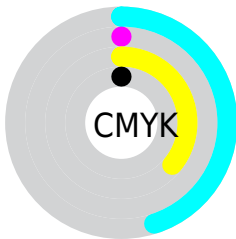
Distribution



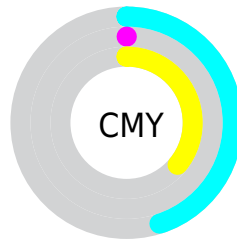
- Red (55%)
- Green (100%)
- Blue (64%)



- Red (55%)
- Yellow (93%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7041, 0.2957, 0.4439 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 79.7041, 0.2957, 0.4439 by changing the saturation by 10% instead.


 79.7041, 0.2957,
0.4439

 79.7041, 0.2957,
0.4439


493.9351, 0.3055,
0.3880

 59.4749, 0.2930,
0.4573

 132.9496, 0.2995,
0.4240

 42.9955, 0.2893,
0.4740


 166.7347, 0.3009,
0.4164

 29.8816, 0.2843,
0.4956


205.8073, 0.3020,
0.4099

 19.7487, 0.2769,
0.5244

250.5516, 0.3029,
0.4043

 12.2125, 0.2656,
0.5642

301.3522, 0.3037,
0.3995

 6.8886, 0.2467,
0.6221


358.5933, 0.3044,


 3.3925, 0.2209,


0.3952


0.7393


422.6595, 0.3050,
0.3914


 1.3399, 0.0000,
1.0000


 0.1718, 0.0000,
1.0000


 79.7041, 0.2957,
0.4439


 79.7041, 0.2957,
0.4439


 77.0642, 0.2932,
0.4746


 82.9749, 0.2990,
0.4142


 75.0173, 0.2916,
0.5051

 86.9185, 0.3027,
0.3866

 73.5151, 0.2913,
0.5334

 91.5685, 0.3067,
0.3616

 72.5034, 0.2923,
0.5578

 96.9574, 0.3107,
0.3393

■ 71.9159, 0.2944,
0.5768

100.0000, 0.3127,
0.3290

■ 71.7395, 0.2955,
0.5839

Harmonies

Analogous

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



79.7041, 0.3656, 0.4624



79.7041, 0.2957, 0.4439



79.7041, 0.2341, 0.3792

Triad

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



79.7041, 0.2957, 0.4439



79.7041, 0.2050, 0.2214



79.7041, 0.4444, 0.3324

Complementary

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



79.7041, 0.2957, 0.4439



45.8993, 0.3372, 0.2369

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.



79.7041, 0.3908, 0.2819



79.7041, 0.2957, 0.4439



79.7041, 0.2496, 0.2208

Square

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



79.7041, 0.2957, 0.4439



79.7041, 0.1868, 0.2479



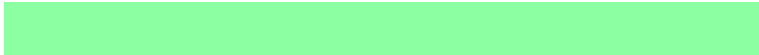
79.7041, 0.3167, 0.2425



79.7041, 0.4559, 0.3866

Rectangle

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



79.7041, 0.2957, 0.4439



79.7041, 0.2057, 0.3274



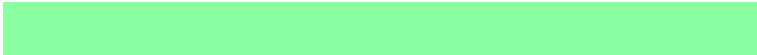
79.7041, 0.3167, 0.2425



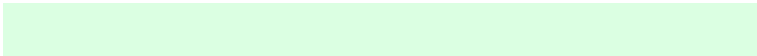
79.7041, 0.4305, 0.3148

Sweetspot

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



79.7029, 0.2957, 0.4439



92.1244, 0.3071, 0.3590



90.8915, 0.3652, 0.4462



19.4868, 0.3063, 0.3641



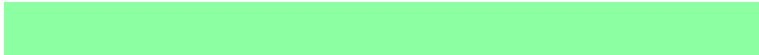
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

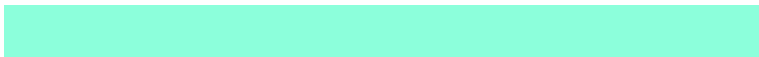
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7029, 0.2957, 0.4439



77.3247, 0.2934, 0.4712



82.1876, 0.2684, 0.3720



20.2249, 0.3089, 0.3488



37.5015, 0.2949, 0.5817



3.6657, 0.2896, 0.5627

Inverse Universe

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



45.8993, 0.3372, 0.2369



39.6920, 0.3435, 0.2208



43.1659, 0.3947, 0.2913



18.2373, 0.3167, 0.3100



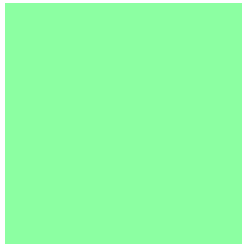
13.4652, 0.3762, 0.1846



1.3257, 0.3687, 0.1805

Previews

White Background



This preview shows how the Yxy color 79.7041, 0.2957, 0.4439 looks on a white background.

Color Contrast Check

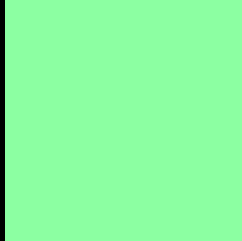
Large Text (above 18pt) WCAG AA × Fail

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 79.7041, 0.2957, 0.4439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

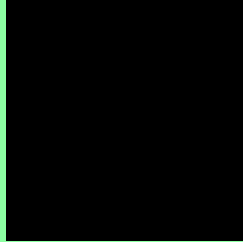
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

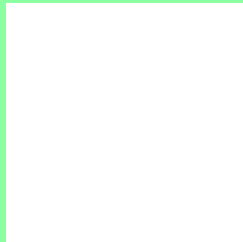
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7041, 0.2957, 0.4439

Background



This preview shows how black text looks on a background with the Yxy color 79.7041, 0.2957, 0.4439.

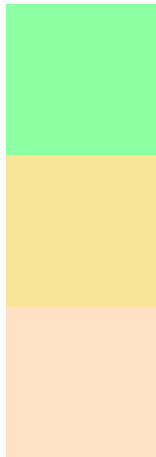


This preview shows how white text looks on a background with the Yxy color 79.7041, 0.2957, 0.4439.

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

79.7041, 0.2957, 0.4439

Protanopia

78.4127, 0.3792, 0.4091

Deuteranopia

78.6025, 0.3537, 0.3565



Tritanopia

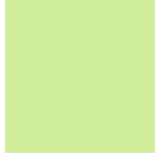
79.3639, 0.2688, 0.3125

Trichromacy



Original Color

79.7041, 0.2957, 0.4439



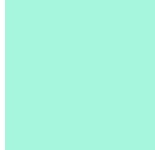
Protanomaly

77.0709, 0.3442, 0.4225



Deuteranomaly

77.0235, 0.3297, 0.3859



Tritanomaly

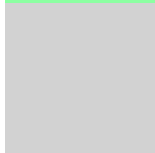
78.6323, 0.2787, 0.3568

Monochromacy



Original Color

79.7041, 0.2957, 0.4439



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

68.5573, 0.3054, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7041, 0.2957, 0.4439 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(140, 255, 162)` looks like.

```
.text, #text, p{  
    color:rgb(140, 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(140, 255, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 162) }
```

Border

The CSS property to change the border of an element to Yxy 79.7041, 0.2957, 0.4439 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(140, 255, 162) }
```

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

```
.border{ border-color:rgb(140, 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(140, 255, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 162);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7041, 0.2957, 0.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 162) }
```

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

```
.background{ background-color: rgb(140,  
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](#).

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