

Converting Colors

Yxy(79.8944, 0.3114, 0.4689)

Have a look what the booklet for
Yxy(79.8944, 0.3114, 0.4689)
contains.

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Color

Yxy(79.8975, 0.3114, 0.4689)

Conversions

Conversions Part 1

Format	Color
Hex	96FF8C
RGB	150, 255, 140
RGB Percent	59%, 100%, 55%
CMY	0.4121, 0.0000, 0.4510
CMYK	0.41, 0.00, 0.45, 0.00
HSL	115°, 100%, 77%
HSV	115°, 45%, 100%
XYZ	53.0605, 79.8975, 37.4354
YIQ	210.4950, -25.6650, -58.0250

Conversions

Conversions Part 2

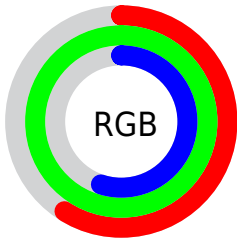
Format	Color
RYB	140, 255, 245
Decimal	9895820
CIELab	91.64, -52.26, 45.47
CIELCh	92, 69.275, 138.972
Yxy	79.8975, 0.3114, 0.4689
Android (android.graphics.Color)	4288085900 (0xFF96FF8C)
YUV	210.4950, -34.7540, -53.0541
Hunter-Lab	89.3854, -50.4641, 37.7386

Details

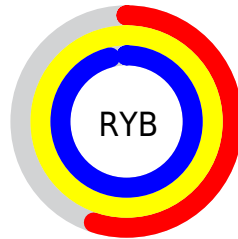
The Yxy color **79.8975, 0.3114, 0.4689** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **45.4032, 0.3094, 0.2157**, and the grayscale version is **65.0204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8700, 0.3176, 0.3941**, and **42.8959, 0.3074, 0.5052** is the 20% darker color. If you saturate the color by 10%, you get **77.2295, 0.3101, 0.5040**, and if you desaturate by 10%, it is **83.1646, 0.3122, 0.4336**.

Distribution



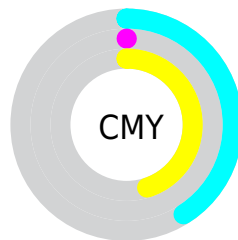
- Red (59%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.8975, 0.3114, 0.4689 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 79.8975, 0.3114, 0.4689 by changing the saturation by 10% instead.


 79.8975, 0.3114,
0.4689


 79.8975, 0.3114,
0.4689


494.5873, 0.3151,
0.4009

 59.6340, 0.3097,
0.4850


 133.2216, 0.3134,
0.4448

 43.1237, 0.3071,
0.5050


 167.0510, 0.3139,
0.4355

 29.9822, 0.3030,
0.5306


206.1712, 0.3143,
0.4277

 19.8251, 0.2964,
0.5641

250.9665, 0.3146,
0.4208

 12.2679, 0.2851,
0.6091

301.8214, 0.3148,
0.4149

 6.9264, 0.2651,
0.6732


359.1203, 0.3150,


 3.4161, 0.2284,

0.4096

0.7716


423.2474, 0.3150,
0.4050


 1.3527, 0.0000,
1.0000


 0.1814, 0.0000,
1.0000


 79.8975, 0.3114,
0.4689


 79.8975, 0.3114,
0.4689


 77.2295, 0.3101,
0.5040


 83.1646, 0.3122,
0.4336

 75.1440, 0.3085,
0.5367

 87.0876, 0.3127,
0.4001

 73.5910, 0.3065,
0.5641

 91.6918, 0.3129,
0.3693

 72.5217, 0.3043,
0.5842

 97.0074, 0.3128,
0.3418

■ 71.8781, 0.3022,
0.5957

100.0000, 0.3127,
0.3290

■ 71.6906, 0.3015,
0.5988

Harmonies

Analogous

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



79.8975, 0.3873, 0.4731



79.8975, 0.3114, 0.4689



79.8975, 0.2399, 0.4061

Triad

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



79.8975, 0.3114, 0.4689



79.8975, 0.1874, 0.2151



79.8975, 0.4483, 0.3173

Complementary

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



79.8975, 0.3114, 0.4689



45.4032, 0.3094, 0.2157

Split Complementary

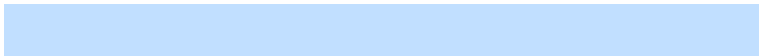
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8975, 0.3798, 0.2651



79.8975, 0.3114, 0.4689



79.8975, 0.2286, 0.2087

Square

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



79.8975, 0.3114, 0.4689



79.8975, 0.1748, 0.2507



79.8975, 0.2968, 0.2267



79.8975, 0.4727, 0.3757

Rectangle

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



79.8975, 0.3114, 0.4689



79.8975, 0.2045, 0.3473



79.8975, 0.2968, 0.2267



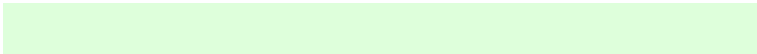
79.8975, 0.4292, 0.2989

Sweetspot

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



79.8902, 0.3114, 0.4689



92.2399, 0.3129, 0.3661



87.5544, 0.3845, 0.4306



19.5142, 0.3129, 0.3724



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

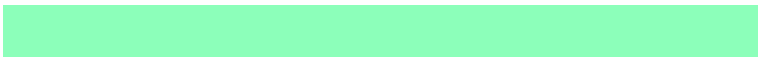
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8902, 0.3114, 0.4689



77.4926, 0.3103, 0.5002



80.6408, 0.2840, 0.4132



20.2430, 0.3129, 0.3535



37.4854, 0.3019, 0.5985



3.6741, 0.3059, 0.5953

Inverse Universe

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



45.4032, 0.3094, 0.2157



39.0887, 0.3081, 0.1960



44.6201, 0.3604, 0.2588



18.2160, 0.3124, 0.3055



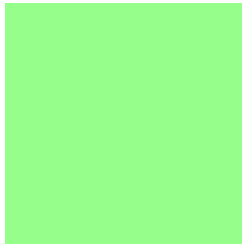
12.8577, 0.2993, 0.1422



1.2744, 0.3019, 0.1437

Previews

White Background



This preview shows how the Yxy color 79.8975, 0.3114, 0.4689 looks on a white background.

Color Contrast Check

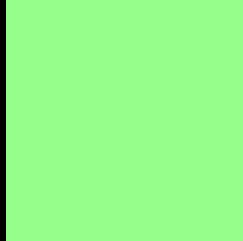
Large Text (above 18pt) WCAG AA × Fail

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 79.8975, 0.3114, 0.4689 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

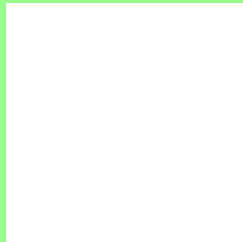
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.8975, 0.3114, 0.4689

Background



This preview shows how black text looks on a background with the Yxy color 79.8975, 0.3114, 0.4689.

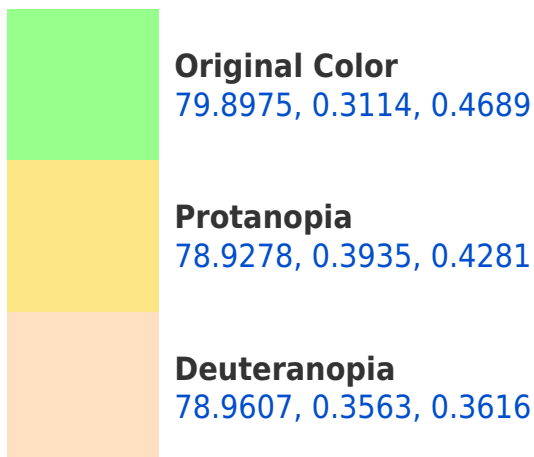


This preview shows how white text looks on a background with the Yxy color 79.8975, 0.3114, 0.4689.

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

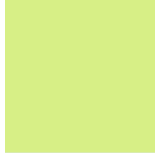
79.3921, 0.2714, 0.3115

Trichromacy



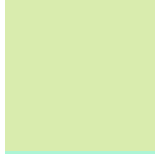
Original Color

79.8975, 0.3114, 0.4689



Protanomaly

77.9013, 0.3604, 0.4442



Deuteranomaly

77.7986, 0.3387, 0.3977



Tritanomaly

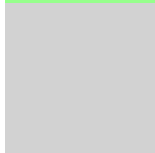
78.9931, 0.2868, 0.3660

Monochromacy



Original Color

79.8975, 0.3114, 0.4689



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

68.5869, 0.3125, 0.3780

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8975, 0.3114, 0.4689 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(150, 255, 140)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 140)  
}
```

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(150, 255, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 140) }
```

Border

The CSS property to change the border of an element to Yxy 79.8975, 0.3114, 0.4689 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(150, 255, 140) }
```

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

```
.border{ border-color:rgb(150, 255, 140) }
```

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

Here you see how a box with a 4 pixel rgb(150, 255, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 140);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8975, 0.3114, 0.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 140) }
```

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

```
.background{ background-color: rgb(150,  
255, 140) }
```

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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