

Converting Colors

Yxy(79.4308, 0.3045, 0.4398)

Have a look what the booklet for
Yxy(79.4308, 0.3045, 0.4398)
contains.

Yxy(79.2619, 0.3047, 0.4395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.2619, 0.3047, 0.4395)

Conversions

Conversions Part 1

Format	Color
Hex	9CFCA1
RGB	156, 252, 161
RGB Percent	61%, 99%, 63%
CMY	0.3883, 0.0117, 0.3685
CMYK	0.38, 0.00, 0.36, 0.01
HSL	123°, 94%, 80%
HSV	123°, 38%, 99%
XYZ	54.9513, 79.2619, 46.1324
YIQ	212.9220, -28.0050, -48.6530

Conversions

Conversions Part 2

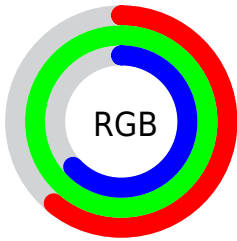
Format	Color
RYB	156, 247, 252
Decimal	10288289
CIELab	91.35, -46.19, 34.88
CIELCh	91, 57.881, 142.947
Yxy	79.2619, 0.3047, 0.4395
Android (android.graphics.Color)	4288478369 (0xFF9CFCA1)
YUV	212.9220, -25.5975, -49.9206
Hunter-Lab	89.0292, -45.6258, 31.5980

Details

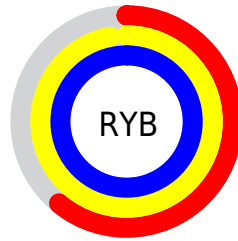
The Yxy color **79.2619, 0.3047, 0.4395** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **51.1771, 0.3213, 0.2389**, and the grayscale version is **66.6721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7740, 0.3096, 0.3703**, and **42.8222, 0.3009, 0.4690** is the 20% darker color. If you saturate the color by 10%, you get **76.2435, 0.3027, 0.4742**, and if you desaturate by 10%, it is **82.9692, 0.3069, 0.4063**.

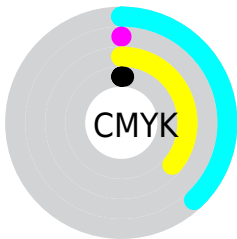
Distribution



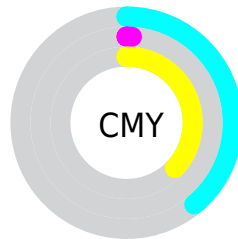
- Red (61%)
- Green (99%)
- Blue (63%)



- Red (61%)
- Yellow (97%)
- Blue (99%)



- Cyan (38%)
- Magenta (0%)
- Yellow (36%)
- Black (1%)





- Cyan (39%)
- Magenta (1%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2619, 0.3047, 0.4395 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 79.2619, 0.3047, 0.4395 by changing the saturation by 10% instead.


 79.2619, 0.3047,
0.4395


 79.2619, 0.3047,
0.4395


492.4419, 0.3103,
0.3859

 59.1112, 0.3029,
0.4522


 132.3275, 0.3070,
0.4205

 42.7026, 0.3005,
0.4682


 166.0112, 0.3078,
0.4132

 29.6519, 0.2970,
0.4887


204.9746, 0.3084,
0.4070

 19.5745, 0.2916,
0.5160

249.6021, 0.3089,
0.4016

 12.0861, 0.2829,
0.5536

300.2783, 0.3094,
0.3970

 6.8024, 0.2676,
0.6080


357.3873, 0.3097,


 3.3388, 0.2488,


0.3928

0.7219

421.3137, 0.3100,
0.3892

 1.3111, 0.0485,
0.9515


 0.1497, 0.0000,
1.0000


 79.2619, 0.3047,
0.4395

 79.2619, 0.3047,
0.4395

 76.2435, 0.3027,
0.4742

 82.9692, 0.3069,
0.4063


 73.8624, 0.3009,
0.5086

 87.3937, 0.3090,
0.3759

 72.0756, 0.2997,
0.5403

 92.5739, 0.3111,
0.3486

 70.8307, 0.2990,
0.5667

 98.1059, 0.3128,
0.3262

■ 70.0661, 0.2989,
0.5857

■ 69.6996, 0.2994,
0.5965

■ 69.6556, 0.2994,
0.5977

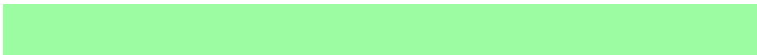
Harmonies

Analogous

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



79.2619, 0.3700, 0.4523



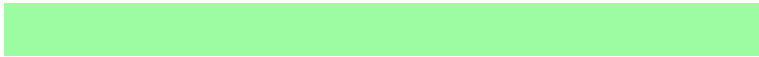
79.2619, 0.3047, 0.4395



79.2619, 0.2450, 0.3836

Triad

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



79.2619, 0.3047, 0.4395



79.2619, 0.2082, 0.2295



79.2619, 0.4314, 0.3273

Complementary

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



79.2619, 0.3047, 0.4395



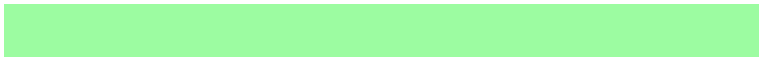
51.1771, 0.3213, 0.2389

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.



79.2619, 0.3783, 0.2802



79.2619, 0.3047, 0.4395



79.2619, 0.2479, 0.2261

Square

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



79.2619, 0.3047, 0.4395



79.2619, 0.1939, 0.2580



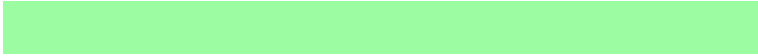
79.2619, 0.3090, 0.2444



79.2619, 0.4474, 0.3785

Rectangle

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



79.2619, 0.3047, 0.4395



79.2619, 0.2161, 0.3358



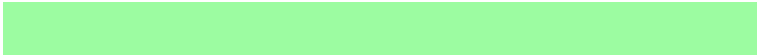
79.2619, 0.3090, 0.2444



79.2619, 0.4171, 0.3108

Sweetspot

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



79.2652, 0.3047, 0.4395



93.4679, 0.3105, 0.3562



91.8369, 0.3667, 0.4250



19.8482, 0.3102, 0.3598



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

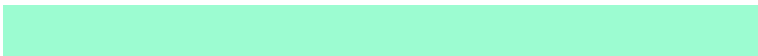
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2652, 0.3047, 0.4395



78.9075, 0.3031, 0.4669



81.2842, 0.2804, 0.3798



19.3240, 0.3108, 0.3522



36.2880, 0.2991, 0.5968



3.3659, 0.2969, 0.5889

Inverse Universe

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



51.1771, 0.3213, 0.2389



46.1797, 0.3232, 0.2216



48.5969, 0.3643, 0.2839



17.5079, 0.3146, 0.3068



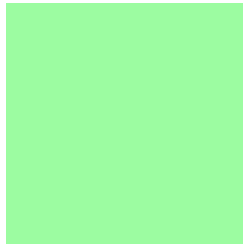
14.0258, 0.3346, 0.1617



1.3037, 0.3328, 0.1607

Previews

White Background



This preview shows how the Yxy color 79.2619, 0.3047, 0.4395 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 79.2619, 0.3047, 0.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

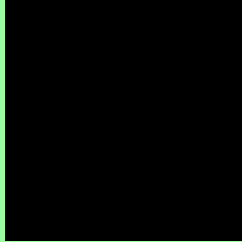
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2619, 0.3047, 0.4395

Background



This preview shows how black text looks on a background with the Yxy color 79.2619, 0.3047, 0.4395.

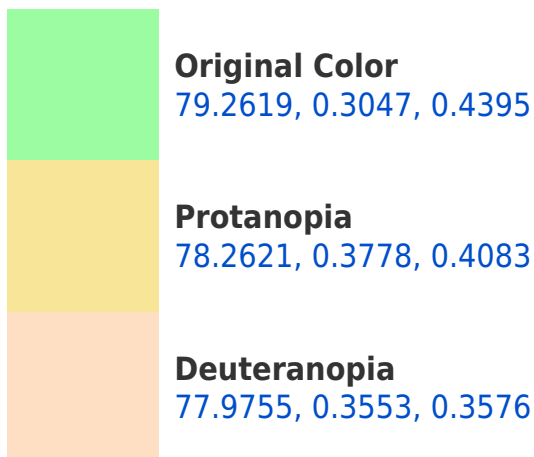


This preview shows how white text looks on a background with the Yxy color 79.2619, 0.3047, 0.4395.

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

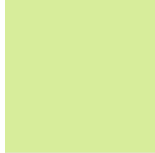
78.6834, 0.2707, 0.3104

Trichromacy



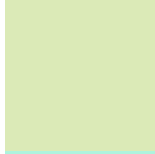
Original Color

79.2619, 0.3047, 0.4395



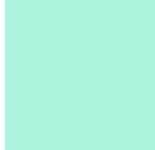
Protanomaly

77.3820, 0.3487, 0.4202



Deuteranomaly

77.3246, 0.3348, 0.3853



Tritanomaly

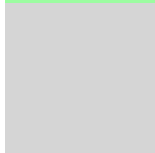
78.3203, 0.2829, 0.3542

Monochromacy



Original Color

79.2619, 0.3047, 0.4395



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

70.0397, 0.3095, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2619, 0.3047, 0.4395 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(156, 252, 161)` looks like.

```
.text, #text, p{  
    color:rgb(156, 252, 161)  
}
```

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(156, 252, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 252, 161) }
```

Border

The CSS property to change the border of an element to Yxy 79.2619, 0.3047, 0.4395 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(156, 252, 161) }
```

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

```
.border{ border-color:rgb(156, 252, 161) }
```

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

Here you see how a box with a 4 pixel rgb(156, 252, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 252, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 252, 161);  
box-shadow:4px 4px 4px 4px rgb(156, 252,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2619, 0.3047, 0.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 252, 161) }
```

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

```
.background{ background-color: rgb(156,  
252, 161) }
```

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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