

Converting Colors

$Yxy(79.9025, 0.2897, 0.4001)$

Have a look what the booklet for
Yxy(79.9025, 0.2897, 0.4001)
contains.

Yxy(79.9240, 0.2899, 0.4008)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.9240, 0.2899, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	9DFBBF
RGB	157, 251, 191
RGB Percent	62%, 98%, 75%
CMY	0.3842, 0.0157, 0.2509
CMYK	0.37, 0.00, 0.24, 0.02
HSL	142°, 92%, 80%
HSV	142°, 37%, 98%
XYZ	57.8093, 79.9240, 61.6779
YIQ	216.0540, -36.7640, -38.5880

Conversions

Conversions Part 2

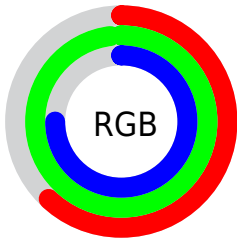
Format	Color
RYB	157, 226, 251
Decimal	10353599
CIELab	91.65, -40.38, 20.12
CIELCh	92, 45.115, 153.512
Yxy	79.9240, 0.2899, 0.4008
Android (android.graphics.Color)	4288543679 (0xFF9DFBBF)
YUV	216.0540, -12.3516, -51.7904
Hunter-Lab	89.4002, -41.0261, 21.6755

Details

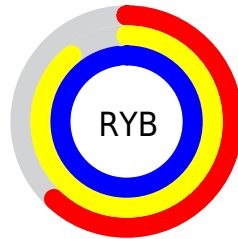
The Yxy color **79.9240, 0.2899, 0.4008** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **49.6396, 0.3464, 0.2671**, and the grayscale version is **68.8176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5935, 0.2920, 0.3361**, and **43.1564, 0.2838, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **76.9890, 0.2852, 0.4244**, and if you desaturate by 10%, it is **83.4614, 0.2955, 0.3789**.

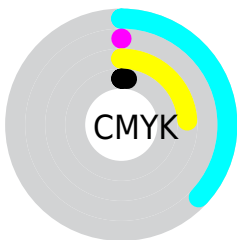
Distribution



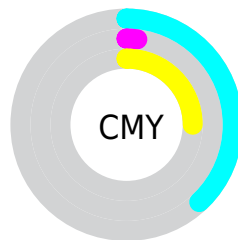
- Red (62%)
- Green (98%)
- Blue (75%)



- Red (62%)
- Yellow (89%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)




- Cyan (38%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9240, 0.2899, 0.4008 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 79.9240, 0.2899, 0.4008 by changing the saturation by 10% instead.


 79.9240, 0.2899,
0.4008

 79.9240, 0.2899,
0.4008

494.6767, 0.3011,
0.3665

 59.6558, 0.2872,
0.4089


 133.2589, 0.2939,
0.3887

 43.1413, 0.2837,
0.4190


 167.0944, 0.2954,
0.3840

 29.9960, 0.2793,
0.4321


206.2211, 0.2967,
0.3800

 19.8355, 0.2732,
0.4495

251.0234, 0.2978,
0.3766

 12.2755, 0.2645,
0.4738

301.8857, 0.2988,
0.3736

 6.9316, 0.2513,
0.5098


359.1924, 0.2997,


 3.4194, 0.2288,

0.3709


0.5680


423.3280, 0.3004,
0.3686

 1.3544, 0.1506,
0.8494


 0.1827, 0.0000,
1.0000


 79.9240, 0.2899,
0.4008


 79.9240, 0.2899,
0.4008


 76.9890, 0.2852,
0.4244

 83.4614, 0.2955,
0.3789


 74.6119, 0.2817,
0.4491

 87.6228, 0.3016,
0.3589

 72.7581, 0.2797,
0.4743

 92.4408, 0.3079,
0.3410

 71.3843, 0.2795,
0.4988

 97.4751, 0.3129,
0.3252

■ 70.4403, 0.2811,
0.5218

■ 69.8608, 0.2843,
0.5422

■ 69.7469, 0.2853,
0.5469

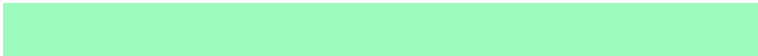
Harmonies

Analogous

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



79.9240, 0.3417, 0.4242



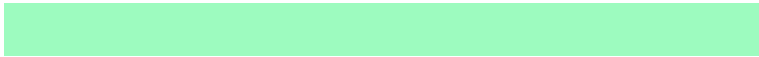
79.9240, 0.2899, 0.4008



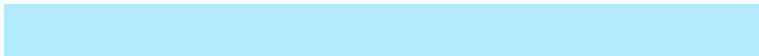
79.9240, 0.2466, 0.3524

Triad

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



79.9240, 0.2899, 0.4008



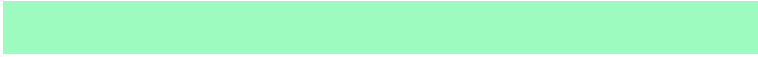
79.9240, 0.2385, 0.2465



79.9240, 0.4130, 0.3439

Complementary

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



79.9240, 0.2899, 0.4008



49.6396, 0.3464, 0.2671

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.



79.9240, 0.3808, 0.3034



79.9240, 0.2899, 0.4008



79.9240, 0.2776, 0.2496

Square

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



79.9240, 0.2899, 0.4008



79.9240, 0.2191, 0.2633



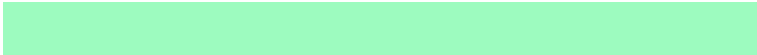
79.9240, 0.3296, 0.2700



79.9240, 0.4150, 0.3844

Rectangle

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



79.9240, 0.2899, 0.4008



79.9240, 0.2276, 0.3169



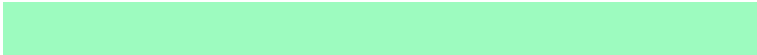
79.9240, 0.3296, 0.2700



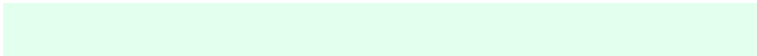
79.9240, 0.4053, 0.3301

Sweetspot

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



79.9273, 0.2899, 0.4008



93.9628, 0.3056, 0.3472



86.3520, 0.3463, 0.4301



19.9654, 0.3048, 0.3496



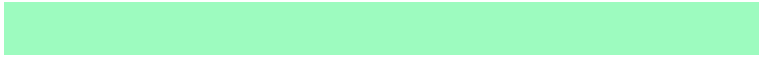
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



79.9273, 0.2899, 0.4008



80.4847, 0.2862, 0.4186



82.2738, 0.2670, 0.3449



19.4130, 0.3066, 0.3445



36.6868, 0.2844, 0.5439



3.4173, 0.2778, 0.5200

Inverse Universe

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



49.6396, 0.3464, 0.2671



44.9184, 0.3558, 0.2548



47.5743, 0.3910, 0.3142



17.4118, 0.3194, 0.3140



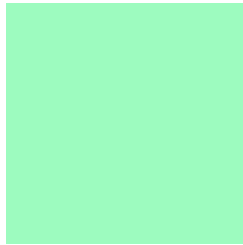
12.1473, 0.4388, 0.2191



1.1454, 0.4209, 0.2092

Previews

White Background



This preview shows how the Yxy color 79.9240, 0.2899, 0.4008 looks on a white background.

Color Contrast Check

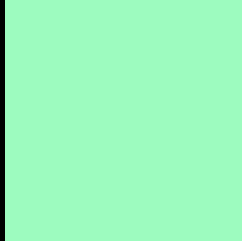
Large Text (above 18pt) WCAG AA × Fail

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 79.9240, 0.2899, 0.4008 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 79.9240, 0.2899, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 79.9240, 0.2899, 0.4008.

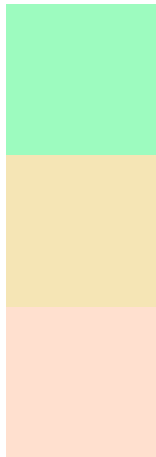


This preview shows how white text looks on a background with the Yxy color 79.9240, 0.2899, 0.4008.

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

79.9240, 0.2899, 0.4008

Protanopia

78.7873, 0.3561, 0.3791

Deuteranopia

79.0763, 0.3466, 0.3463



Tritanopia

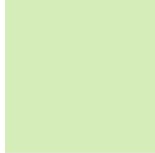
79.3921, 0.2714, 0.3115

Trichromacy



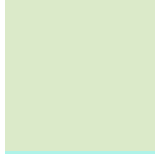
Original Color

79.9240, 0.2899, 0.4008



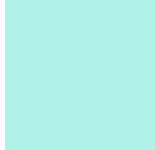
Protanomaly

78.2173, 0.3288, 0.3868



Deuteranomaly

78.1228, 0.3233, 0.3651



Tritanomaly

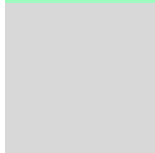
79.0413, 0.2777, 0.3414

Monochromacy



Original Color

79.9240, 0.2899, 0.4008



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

72.1457, 0.3034, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9240, 0.2899, 0.4008 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(157, 251, 191)` looks like.

```
.text, #text, p{  
    color:rgb(157, 251, 191)  
}
```

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(157, 251, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 251, 191) }
```

Border

The CSS property to change the border of an element to Yxy 79.9240, 0.2899, 0.4008 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(157, 251, 191) }
```

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

```
.border{ border-color:rgb(157, 251, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 251, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 251, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 251, 191);  
box-shadow:4px 4px 4px 4px rgb(157, 251,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9240, 0.2899, 0.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 251, 191) }
```

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

```
.background{ background-color: rgb(157,  
251, 191) }
```

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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