

Converting Colors

$Yxy(79.0038, 0.2822, 0.4041)$

Have a look what the booklet for
Yxy(79.0038, 0.2822, 0.4041)
contains.

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Color

Yxy(79.0012, 0.2823, 0.4048)

Conversions

Conversions Part 1

Format	Color
Hex	8DFCBE
RGB	141, 252, 190
RGB Percent	55%, 99%, 75%
CMY	0.4469, 0.0118, 0.2549
CMYK	0.44, 0.00, 0.25, 0.01
HSL	146°, 95%, 77%
HSV	146°, 44%, 99%
XYZ	55.0940, 79.0012, 61.0659
YIQ	211.7430, -46.2540, -42.8140

Conversions

Conversions Part 2

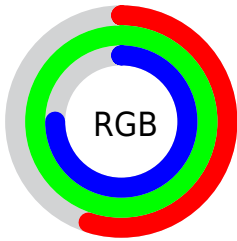
Format	Color
RYB	141, 218, 252
Decimal	9305278
CIELab	91.23, -45.33, 19.95
CIELCh	91, 49.523, 156.239
Yxy	79.0012, 0.2823, 0.4048
Android (android.graphics.Color)	4287495358 (0xFF8DFCBE)
YUV	211.7430, -10.7193, -62.0416
Hunter-Lab	88.8826, -44.9012, 21.4832

Details

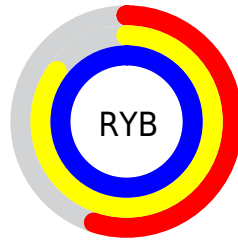
The Yxy color **79.0012, 0.2823, 0.4048** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **44.0678, 0.3634, 0.2649**, and the grayscale version is **65.7614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3159, 0.2846, 0.3384**, and **42.6468, 0.2746, 0.4254** is the 20% darker color. If you saturate the color by 10%, you get **76.4542, 0.2776, 0.4261**, and if you desaturate by 10%, it is **82.1167, 0.2882, 0.3848**.

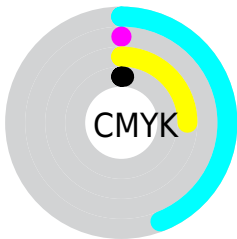
Distribution



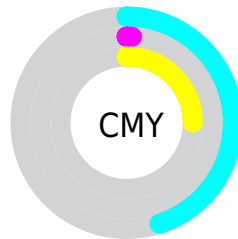
- Red (55%)
- Green (99%)
- Blue (75%)



- Red (55%)
- Yellow (85%)
- Blue (99%)



- Cyan (44%)
- Magenta (0%)
- Yellow (25%)
- Black (1%)



- Cyan (45%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0012, 0.2823, 0.4048 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 79.0012, 0.2823, 0.4048 by changing the saturation by 10% instead.


 79.0012, 0.2823,
0.4048

 79.0012, 0.2823,
0.4048


491.5604, 0.2971,
0.3684

 58.8968, 0.2788,
0.4134


 131.9606, 0.2876,
0.3919

 42.5300, 0.2743,
0.4243


 165.5843, 0.2896,
0.3870

 29.5166, 0.2685,
0.4383


204.4833, 0.2913,
0.3827

 19.4719, 0.2607,
0.4570

249.0419, 0.2927,
0.3791

 12.0118, 0.2498,
0.4831

299.6445, 0.2940,
0.3759

 6.7517, 0.2332,
0.5222


356.6755, 0.2952,


 3.3073, 0.2057,

0.3731

0.5856


420.5194, 0.2962,
0.3706


 1.2942, 0.0553,
0.9447


 0.1367, 0.0000,
1.0000


 79.0012, 0.2823,
0.4048


 79.0012, 0.2823,
0.4048


 76.4542, 0.2776,
0.4261

 82.1167, 0.2882,
0.3848


 74.4297, 0.2745,
0.4481

 85.8239, 0.2949,
0.3663

 72.8904, 0.2732,
0.4703

 90.1562, 0.3021,
0.3496

 71.7893, 0.2739,
0.4918

 95.1418, 0.3097,
0.3346

■ 71.0694, 0.2765,
0.5121

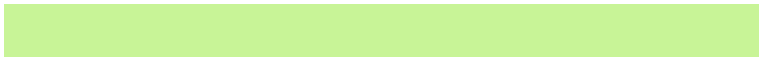
■ 98.1005, 0.3128,
0.3261

■ 70.7733, 0.2787,
0.5233

Harmonies

Analogous

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



79.0012, 0.3388, 0.4337



79.0012, 0.2823, 0.4048



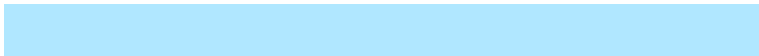
79.0012, 0.2367, 0.3491

Triad

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



79.0012, 0.2823, 0.4048



79.0012, 0.2346, 0.2384



79.0012, 0.4250, 0.3487

Complementary

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



79.0012, 0.2823, 0.4048



44.0678, 0.3634, 0.2649

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.



79.0012, 0.3921, 0.3045



79.0012, 0.2823, 0.4048



79.0012, 0.2787, 0.2439

Square

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



79.0012, 0.2823, 0.4048



79.0012, 0.2116, 0.2542



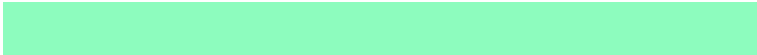
79.0012, 0.3365, 0.2674



79.0012, 0.4236, 0.3926

Rectangle

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



79.0012, 0.2823, 0.4048



79.0012, 0.2176, 0.3101



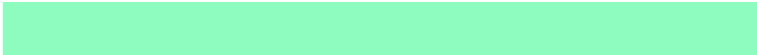
79.0012, 0.3365, 0.2674



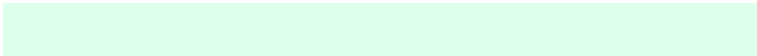
79.0012, 0.4175, 0.3336

Sweetspot

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



79.0044, 0.2823, 0.4048



93.1101, 0.3029, 0.3480



84.3699, 0.3450, 0.4513



19.7036, 0.3013, 0.3515



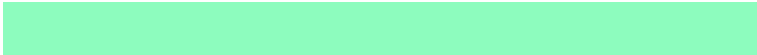
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



79.0044, 0.2823, 0.4048



78.7774, 0.2780, 0.4239



81.8545, 0.2564, 0.3373



19.4365, 0.3055, 0.3426



36.8953, 0.2778, 0.5202



3.4381, 0.2714, 0.4970

Inverse Universe

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



44.0678, 0.3634, 0.2649



38.6127, 0.3787, 0.2529



41.9068, 0.4224, 0.3215



17.3876, 0.3206, 0.3158



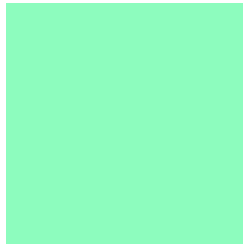
11.8089, 0.4715, 0.2371



1.1150, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 79.0012, 0.2823, 0.4048 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 79.0012, 0.2823, 0.4048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

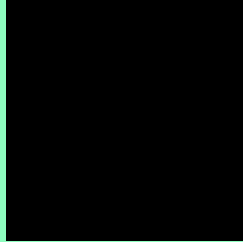
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0012, 0.2823, 0.4048

Background



This preview shows how black text looks on a background with the Yxy color 79.0012, 0.2823, 0.4048.



This preview shows how white text looks on a background with the Yxy color 79.0012, 0.2823, 0.4048.

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

79.0012, 0.2823, 0.4048

Protanopia

77.7962, 0.3563, 0.3805

Deuteranopia

77.8622, 0.3491, 0.3474



Tritanopia

78.3001, 0.2666, 0.3113

Trichromacy



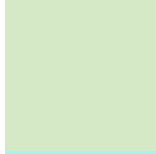
Original Color

79.0012, 0.2823, 0.4048



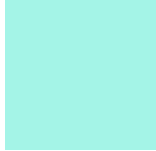
Protanomaly

77.1091, 0.3252, 0.3901



Deuteranomaly

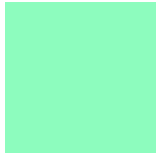
76.6975, 0.3212, 0.3667



Tritanomaly

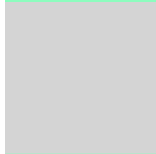
78.3634, 0.2724, 0.3438

Monochromacy



Original Color

79.0012, 0.2823, 0.4048



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

69.7369, 0.2993, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0012, 0.2823, 0.4048 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(141, 252, 190)` looks like.

```
.text, #text, p{  
    color:rgb(141, 252, 190)  
}
```

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(141, 252, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 252, 190) }
```

Border

The CSS property to change the border of an element to Yxy 79.0012, 0.2823, 0.4048 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(141, 252, 190) }
```

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

```
.border{ border-color:rgb(141, 252, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 252, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 252, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 252, 190);  
box-shadow:4px 4px 4px 4px rgb(141, 252,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0012, 0.2823, 0.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 252, 190) }
```

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

```
.background{ background-color: rgb(141,  
252, 190) }
```

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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