

Converting Colors

$Yxy(79.0138, 0.2798, 0.3554)$

Have a look what the booklet for
Yxy(79.0138, 0.2798, 0.3554)
contains.

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Color

Yxy(79.0138, 0.2798, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	A9F5DE
RGB	169, 245, 222
RGB Percent	66%, 96%, 87%
CMY	0.3372, 0.0392, 0.1293
CMYK	0.31, 0.00, 0.09, 0.04
HSL	162°, 79%, 81%
HSV	162°, 31%, 96%
XYZ	62.2061, 79.0138, 81.1036
YIQ	219.6540, -37.9130, -23.2650

Conversions

Conversions Part 2

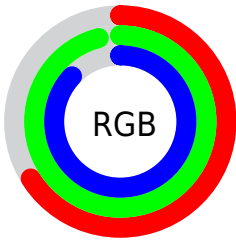
Format	Color
RYB	169, 214, 245
Decimal	11138526
CIELab	91.24, -28.13, 3.60
CIELCh	91, 28.361, 172.706
Yxy	79.0138, 0.2798, 0.3554
Android (android.graphics.Color)	4289328606 (0xFFA9F5DE)
YUV	219.6540, 1.1566, -44.4236
Hunter-Lab	88.8897, -30.6404, 8.1261

Details

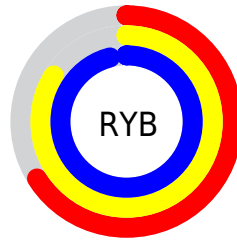
The Yxy color **79.0138, 0.2798, 0.3554** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.6013, 0.3619, 0.3043**, and the grayscale version is **71.3343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **42.3339, 0.2720, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **76.1675, 0.2709, 0.3655**, and if you desaturate by 10%, it is **82.3917, 0.2897, 0.3460**.

Distribution



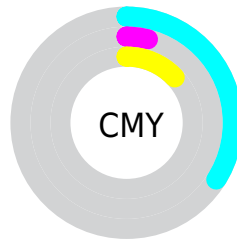
- Red (66%)
- Green (96%)
- Blue (87%)



- Red (66%)
- Yellow (84%)
- Blue (96%)



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)





- Cyan (34%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0138, 0.2798, 0.3554 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 79.0138, 0.2798, 0.3554 by changing the saturation by 10% instead.

 79.0138, 0.2798,
0.3554

 79.0138, 0.2798,
0.3554


491.6030, 0.2949,
0.3432

 58.9072, 0.2764,
0.3582


 131.9783, 0.2850,
0.3512

 42.5384, 0.2722,
0.3616


165.6049, 0.2870,
0.3495

 29.5231, 0.2669,
0.3660


204.5070, 0.2888,
0.3481

 19.4769, 0.2601,
0.3717

249.0689, 0.2903,
0.3469

 12.0154, 0.2509,
0.3795

299.6751, 0.2917,
0.3458

 6.7541, 0.2378,
0.3908

356.7099, 0.2929,

 3.3088, 0.2177,

0.3448

0.4083

420.5578, 0.2939,
0.3440

1.2950, 0.1710,
0.4464

0.1373, 0.0000,
1.0000

79.0138, 0.2798,
0.3554

79.0138, 0.2798,
0.3554

76.1675, 0.2709,
0.3655

82.3917, 0.2897,
0.3460

73.8145, 0.2635,
0.3762

86.3179, 0.3004,
0.3375

71.9265, 0.2576,
0.3874

90.8202, 0.3116,
0.3297

70.4685, 0.2537,
0.3990

93.5701, 0.3152,
0.3226

■ 69.4001, 0.2518,
0.4106

■ 93.7837, 0.3132,
0.3194

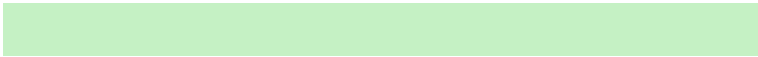
■ 68.6732, 0.2519,
0.4222

■ 68.2422, 0.2535,
0.4324

Harmonies

Analogous

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



79.0138, 0.3110, 0.3801



79.0138, 0.2798, 0.3554



79.0138, 0.2581, 0.3234

Triad

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



79.0138, 0.2798, 0.3554



79.0138, 0.2802, 0.2748



79.0138, 0.3791, 0.3575

Complementary

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



79.0138, 0.2798, 0.3554



51.6013, 0.3619, 0.3043

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.



79.0138, 0.3703, 0.3303



79.0138, 0.2798, 0.3554



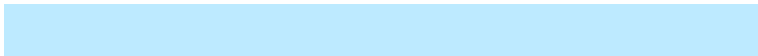
79.0138, 0.3117, 0.2842

Square

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



79.0138, 0.2798, 0.3554



79.0138, 0.2583, 0.2783



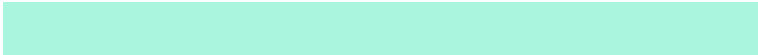
79.0138, 0.3451, 0.3041



79.0138, 0.3690, 0.3793

Rectangle

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



79.0138, 0.2798, 0.3554



79.0138, 0.2513, 0.3037



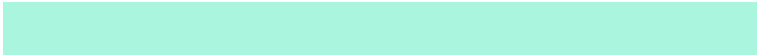
79.0138, 0.3451, 0.3041



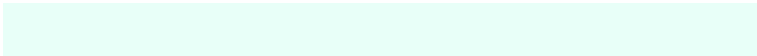
79.0138, 0.3783, 0.3487

Sweetspot

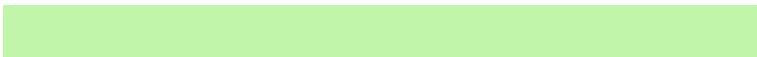
The Sweet Spot groups the original color and five complimentary colors.



79.0170, 0.2798, 0.3554



95.4654, 0.3026, 0.3359



79.5172, 0.3237, 0.4164



20.2871, 0.3010, 0.3371



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.



79.0170, 0.2798, 0.3554



84.5784, 0.2743, 0.3614



72.2205, 0.2663, 0.3130



18.6675, 0.3021, 0.3363



36.7898, 0.2529, 0.4306



3.2516, 0.2490, 0.4162

Inverse Universe

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



51.6013, 0.3619, 0.3043



50.3089, 0.3756, 0.2994



56.1243, 0.3788, 0.3443



16.5650, 0.3246, 0.3219



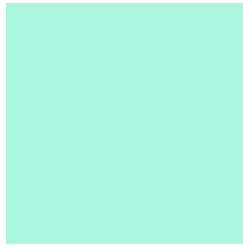
10.7460, 0.5756, 0.2945



0.9619, 0.5402, 0.2750

Previews

White Background



This preview shows how the Yxy color 79.0138, 0.2798, 0.3554 looks on a white background.

Color Contrast Check

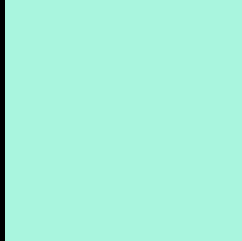
Large Text (above 18pt) WCAG AA × Fail

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 79.0138, 0.2798, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

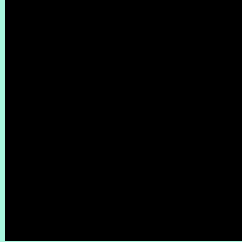
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

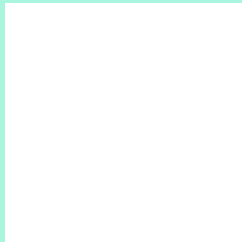
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0138, 0.2798, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 79.0138, 0.2798, 0.3554.

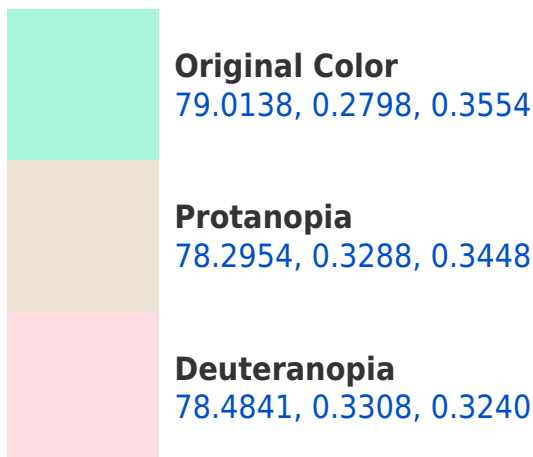


This preview shows how white text looks on a background with the Yxy color 79.0138, 0.2798, 0.3554.

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

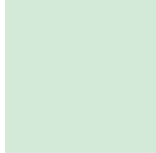
78.6834, 0.2707, 0.3104

Trichromacy



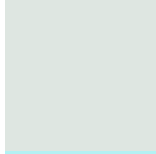
Original Color

79.0138, 0.2798, 0.3554



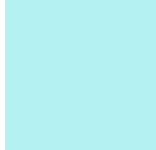
Protanomaly

77.8006, 0.3091, 0.3487



Deuteranomaly

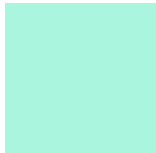
77.5595, 0.3104, 0.3343



Tritanomaly

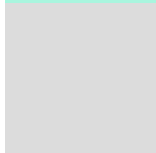
78.9654, 0.2740, 0.3267

Monochromacy



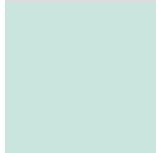
Original Color

79.0138, 0.2798, 0.3554



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.6766, 0.2989, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0138, 0.2798, 0.3554 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(169, 245, 222)` looks like.

```
.text, #text, p{  
    color:rgb(169, 245, 222)  
}
```

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(169, 245, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 245, 222) }
```

Border

The CSS property to change the border of an element to Yxy 79.0138, 0.2798, 0.3554 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(169, 245, 222) }
```

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

```
.border{ border-color:rgb(169, 245, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 245, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 245, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 245, 222);  
box-shadow:4px 4px 4px 4px rgb(169, 245,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0138, 0.2798, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 245, 222) }
```

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

```
.background{ background-color: rgb(169,  
245, 222) }
```

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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