

Converting Colors

$Yxy(78.1815, 0.2840, 0.3942)$

Have a look what the booklet for
Yxy(78.1815, 0.2840, 0.3942)
contains.

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Color

Yxy(78.1755, 0.2840, 0.3944)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 96F9C3 |
| RGB | 150, 249, 195 |
| RGB Percent | 59%, 98%, 76% |
| CMY | 0.4120, 0.0235, 0.2353 |
| CMYK | 0.40, 0.00, 0.22, 0.02 |
| HSL | 147°, 89%, 78% |
| HSV | 147°, 40%, 98% |
| XYZ | 56.2927, 78.1755, 63.7455 |
| YIQ | 213.2430, -41.6700, -37.7820 |

Conversions

Conversions Part 2

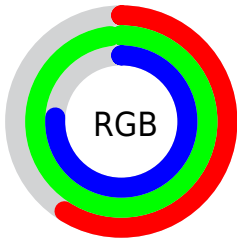
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 150, 218, 249 |
| Decimal | 9894339 |
| CIE _{Lab} | 90.86, -40.71, 16.93 |
| CIE _{LCh} | 91, 44.088, 157.419 |
| Yxy | 78.1755, 0.2840, 0.3944 |
| Android (android.graphics.Color) | 4288084419 (0xFF96F9C3) |
| YUV | 213.2430, -8.9938, -55.4641 |
| Hunter-Lab | 88.4169, -41.0834, 19.1458 |

Details

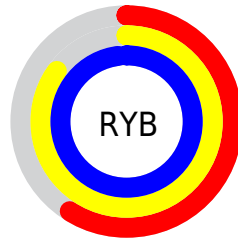
The Yxy color **78.1755, 0.2840, 0.3944** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **46.2904, 0.3581, 0.2723**, and the grayscale version is **66.7835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8137, 0.2859, 0.3320**, and **42.0020, 0.2769, 0.4114** is the 20% darker color. If you saturate the color by 10%, you get **75.4769, 0.2787, 0.4146**, and if you desaturate by 10%, it is **81.4382, 0.2904, 0.3755**.

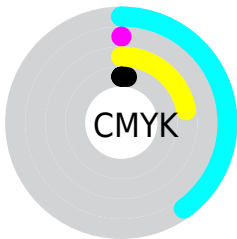
Distribution



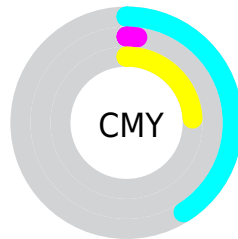
- Red (59%)
- Green (98%)
- Blue (76%)



- Red (59%)
- Yellow (85%)
- Blue (98%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)





- Cyan (41%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1755, 0.2840, 0.3944 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 78.1755, 0.2840, 0.3944 by changing the saturation by 10% instead.


 78.1755, 0.2840,
0.3944


 78.1755, 0.2840,
0.3944


488.7626, 0.2978,
0.3631

 58.2182, 0.2807,
0.4018


 130.7975, 0.2889,
0.3833

 41.9841, 0.2766,
0.4111

 164.2309, 0.2908,
0.3791

 29.0888, 0.2713,
0.4230


202.9252, 0.2924,
0.3755

 19.1480, 0.2642,
0.4390

247.2647, 0.2937,
0.3723

 11.7773, 0.2543,
0.4613

297.6338, 0.2949,
0.3696

 6.5922, 0.2393,
0.4947


354.4169, 0.2960,


 3.2084, 0.2148,


0.3672


0.5492


417.9983, 0.2970,
0.3650


 1.2415, 0.0983,
0.8190


 0.0952, 0.0000,
1.0000


 78.1755, 0.2840,
0.3944


 78.1755, 0.2840,
0.3944


 75.4769, 0.2787,
0.4146


 81.4382, 0.2904,
0.3755


 73.2992, 0.2747,
0.4358

 85.2860, 0.2975,
0.3583

 71.6083, 0.2725,
0.4575

 89.7505, 0.3051,
0.3427

 70.3616, 0.2723,
0.4790

 94.8583, 0.3129,
0.3287

■ 69.5088, 0.2740,
0.4995

■ 96.2417, 0.3130,
0.3233

■ 68.9692, 0.2774,
0.5185

■ 68.9594, 0.2775,
0.5189

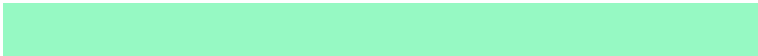
Harmonies

Analogous

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



78.1755, 0.3347, 0.4215



78.1755, 0.2840, 0.3944



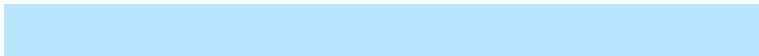
78.1755, 0.2432, 0.3451

Triad

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



78.1755, 0.2840, 0.3944



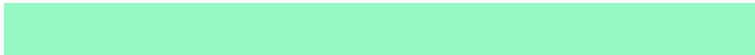
78.1755, 0.2436, 0.2470



78.1755, 0.4135, 0.3492

Complementary

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



78.1755, 0.2840, 0.3944



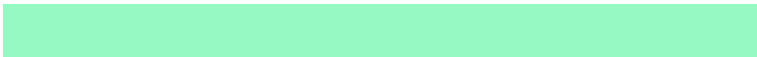
46.2904, 0.3581, 0.2723

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.



78.1755, 0.3852, 0.3088



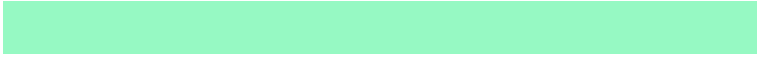
78.1755, 0.2840, 0.3944



78.1755, 0.2843, 0.2524

Square

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



78.1755, 0.2840, 0.3944



78.1755, 0.2217, 0.2610



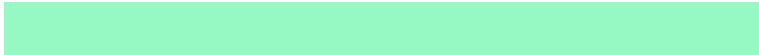
78.1755, 0.3364, 0.2745



78.1755, 0.4115, 0.3885

Rectangle

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



78.1755, 0.2840, 0.3944



78.1755, 0.2263, 0.3107



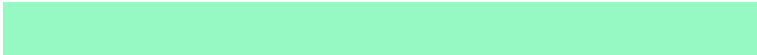
78.1755, 0.3364, 0.2745



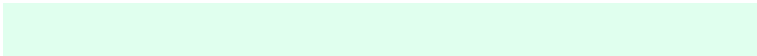
78.1755, 0.4072, 0.3355

Sweetspot

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



78.1787, 0.2840, 0.3944



93.6229, 0.3034, 0.3460



82.8592, 0.3413, 0.4391



19.9033, 0.3024, 0.3480



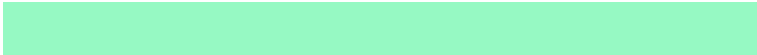
0.0000, 0.0000, 0.0000



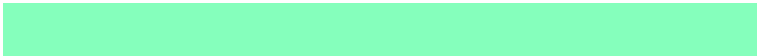
21.4041, 0.3127, 0.3290

Same Dimension

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



78.1787, 0.2840, 0.3944



80.1163, 0.2795, 0.4110



80.7744, 0.2600, 0.3345



19.4405, 0.3053, 0.3422



36.9352, 0.2766, 0.5159



3.4419, 0.2703, 0.4930

Inverse Universe

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



46.2904, 0.3581, 0.2723



42.0649, 0.3718, 0.2610



44.2956, 0.4086, 0.3240



17.3836, 0.3208, 0.3161



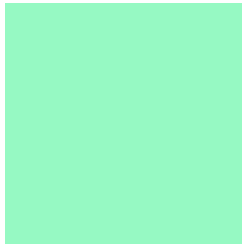
11.7575, 0.4771, 0.2402



1.1103, 0.4532, 0.2270

Previews

White Background



This preview shows how the Yxy color 78.1755, 0.2840, 0.3944 looks on a white background.

Color Contrast Check

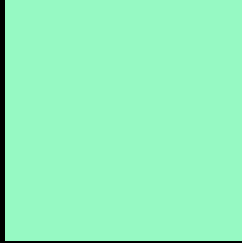
Large Text (above 18pt) WCAG AA × Fail

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 78.1755, 0.2840, 0.3944 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 78.1755, 0.2840, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 78.1755, 0.2840, 0.3944.



This preview shows how white text looks on a background with the Yxy color 78.1755, 0.2840, 0.3944.

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

78.1755, 0.2840, 0.3944

Protanopia

77.0996, 0.3516, 0.3744

Deuteranopia

76.8542, 0.3488, 0.3443



Tritanopia

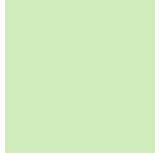
77.5992, 0.2659, 0.3101

Trichromacy



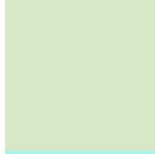
Original Color

78.1755, 0.2840, 0.3944



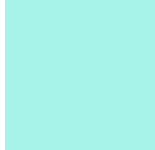
Protanomaly

76.4574, 0.3237, 0.3820



Deuteranomaly

76.1206, 0.3222, 0.3621



Tritanomaly

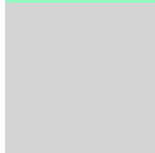
77.6029, 0.2727, 0.3392

Monochromacy



Original Color

78.1755, 0.2840, 0.3944



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

69.7961, 0.3007, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1755, 0.2840, 0.3944 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, 249, 195)` looks like.

```
.text, #text, p{  
    color:rgb(150, 249, 195)  
}
```

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, 249, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 249, 195) }
```

Border

The CSS property to change the border of an element to Yxy 78.1755, 0.2840, 0.3944 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, 249, 195) }
```

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

```
.border{ border-color:rgb(150, 249, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 249, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 249, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 249, 195);  
box-shadow:4px 4px 4px 4px rgb(150, 249,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1755, 0.2840, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 249, 195) }
```

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

```
.background{ background-color: rgb(150,  
249, 195) }
```

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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