

Converting Colors

$Yxy(71.2587, 0.2778, 0.3730)$

Have a look what the booklet for
Yxy(71.2587, 0.2778, 0.3730)
contains.

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Color

Yxy(71.0357, 0.2776, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	93EDCA
RGB	147, 237, 202
RGB Percent	58%, 93%, 79%
CMY	0.4239, 0.0705, 0.2078
CMYK	0.38, 0.00, 0.15, 0.07
HSL	157°, 71%, 75%
HSV	157°, 38%, 93%
XYZ	52.9667, 71.0357, 66.7999
YIQ	206.1000, -42.4050, -29.9650

Conversions

Conversions Part 2

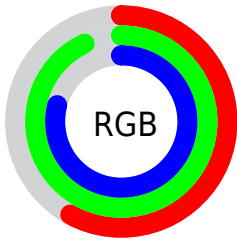
Format	Color
RYB	147, 203, 237
Decimal	9694666
CIELab	87.50, -34.67, 8.51
CIELCh	88, 35.702, 166.210
Yxy	71.0357, 0.2776, 0.3723
Android (android.graphics.Color)	4287884746 (0xFF93EDCA)
YUV	206.1000, -2.0213, -51.8307
Hunter-Lab	84.2827, -35.3179, 12.0064

Details

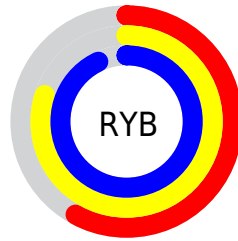
The Yxy color **71.0357, 0.2776, 0.3723** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **42.2240, 0.3696, 0.2901**, and the grayscale version is **61.8126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **37.4612, 0.2693, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **68.6466, 0.2705, 0.3861**, and if you desaturate by 10%, it is **73.9078, 0.2859, 0.3594**.

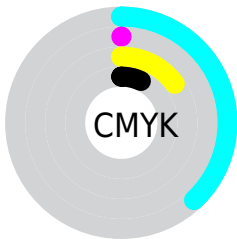
Distribution



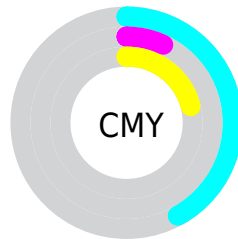
- Red (58%)
- Green (93%)
- Blue (79%)



- Red (58%)
- Yellow (80%)
- Blue (93%)



- Cyan (38%)
- Magenta (0%)
- Yellow (15%)
- Black (7%)




- Cyan (42%)
- Magenta (7%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0357, 0.2776, 0.3723 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 71.0357, 0.2776, 0.3723 by changing the saturation by 10% instead.


 71.0357, 0.2776,
0.3723

 71.0357, 0.2776,
0.3723


464.1782, 0.2942,
0.3516

 52.3713, 0.2737,
0.3772


 120.6846, 0.2834,
0.3650

 37.3011, 0.2689,
0.3834


 152.4378, 0.2857,
0.3622

 25.4407, 0.2627,
0.3914


189.3229, 0.2876,
0.3597

 16.4057, 0.2545,
0.4021

231.7241, 0.2893,
0.3577

 9.8117, 0.2432,
0.4171

280.0258, 0.2907,
0.3559

 5.2743, 0.2264,
0.4399

334.6125, 0.2920,

 2.4091, 0.1994,

0.3543

0.4780

395.8685, 0.2932,
0.3528

0.8306, 0.0000,
0.7286

0.0000, 0.0000,
0.0000

71.0357, 0.2776,
0.3723

71.0357, 0.2776,
0.3723

68.6466, 0.2705,
0.3861

73.9078, 0.2859,
0.3594

66.7036, 0.2649,
0.4007


77.2804, 0.2950,
0.3476


65.1781, 0.2611,
0.4158


81.1803, 0.3047,
0.3368

64.0342, 0.2593,
0.4310


85.6301, 0.3147,
0.3272

 63.2301, 0.2595,
0.4462

 88.6193, 0.3178,
0.3183

 62.7076, 0.2617,
0.4610

 89.0585, 0.3135,
0.3117

 62.6203, 0.2622,
0.4639

Harmonies

Analogous

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



71.0357, 0.3191, 0.4014



71.0357, 0.2776, 0.3723



71.0357, 0.2468, 0.3301

Triad

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



71.0357, 0.2776, 0.3723



71.0357, 0.2631, 0.2591



71.0357, 0.3991, 0.3572

Complementary

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



71.0357, 0.2776, 0.3723



42.2240, 0.3696, 0.2901

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.



71.0357, 0.3825, 0.3222



71.0357, 0.2776, 0.3723



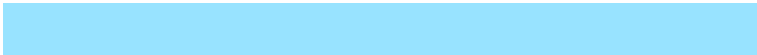
71.0357, 0.3015, 0.2680

Square

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



71.0357, 0.2776, 0.3723



71.0357, 0.2391, 0.2665



71.0357, 0.3457, 0.2905



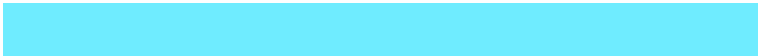
71.0357, 0.3906, 0.3883

Rectangle

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



71.0357, 0.2776, 0.3723



71.0357, 0.2357, 0.3030



71.0357, 0.3457, 0.2905



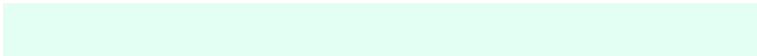
71.0357, 0.3963, 0.3456

Sweetspot

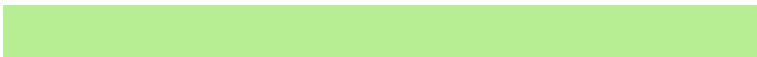
The Sweet Spot groups the original color and five complimentary colors.



71.0386, 0.2776, 0.3723



94.3805, 0.3017, 0.3400



72.7446, 0.3307, 0.4368



20.0648, 0.3004, 0.3414



0.0000, 0.0000, 0.0000



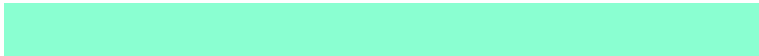
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0386, 0.2776, 0.3723



81.5220, 0.2717, 0.3835



67.8019, 0.2582, 0.3181



17.0169, 0.3033, 0.3383



34.2091, 0.2615, 0.4615



2.7050, 0.2558, 0.4410

Inverse Universe

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



42.2240, 0.3696, 0.2901



42.7816, 0.3879, 0.2819



43.8643, 0.4029, 0.3394



15.1510, 0.3232, 0.3199



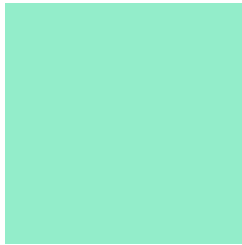
10.2765, 0.5421, 0.2760



0.8253, 0.5050, 0.2555

Previews

White Background



This preview shows how the Yxy color 71.0357, 0.2776, 0.3723 looks on a white background.

Color Contrast Check

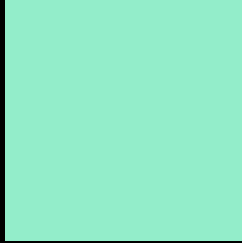
Large Text (above 18pt) WCAG AA × Fail

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 71.0357, 0.2776, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

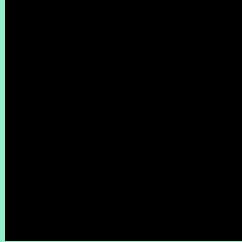
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

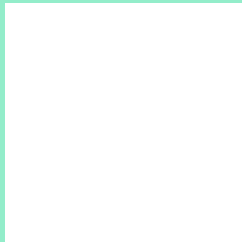
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0357, 0.2776, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 71.0357, 0.2776, 0.3723.

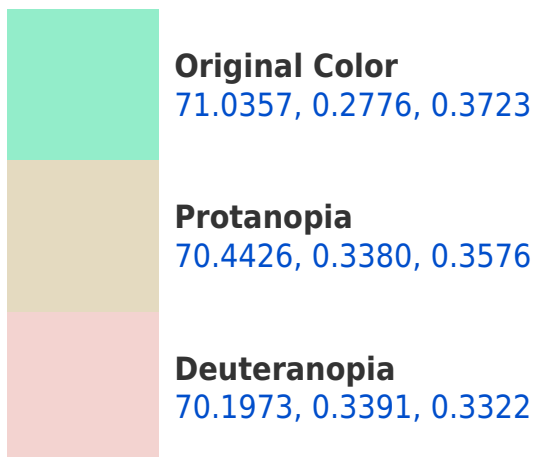


This preview shows how white text looks on a background with the Yxy color 71.0357, 0.2776, 0.3723.

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

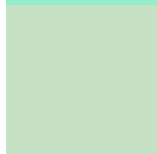
70.7023, 0.2583, 0.3070

Trichromacy



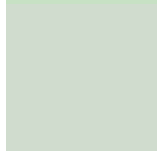
Original Color

71.0357, 0.2776, 0.3723



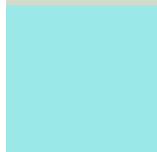
Protanomaly

69.9781, 0.3132, 0.3626



Deuteranomaly

69.0525, 0.3134, 0.3449



Tritanomaly

70.9740, 0.2652, 0.3300

Monochromacy



Original Color

71.0357, 0.2776, 0.3723



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

64.3478, 0.2979, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0357, 0.2776, 0.3723 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(147, 237, 202)` looks like.

```
.text, #text, p{  
    color:rgb(147, 237, 202)  
}
```

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(147, 237, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 237, 202) }
```

Border

The CSS property to change the border of an element to Yxy 71.0357, 0.2776, 0.3723 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(147, 237, 202) }
```

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

```
.border{ border-color:rgb(147, 237, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 237, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 237, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 237, 202);  
box-shadow:4px 4px 4px 4px rgb(147, 237,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0357, 0.2776, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 237, 202) }
```

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

```
.background{ background-color: rgb(147,  
237, 202) }
```

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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