

Converting Colors

$Yxy(76.1240, 0.2843, 0.4142)$

Have a look what the booklet for
Yxy(76.1240, 0.2843, 0.4142)
contains.

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Color

Yxy(76.3218, 0.2840, 0.4139)

Conversions

Conversions Part 1

Format	Color
Hex	88F9B5
RGB	136, 249, 181
RGB Percent	53%, 98%, 71%
CMY	0.4668, 0.0235, 0.2901
CMYK	0.45, 0.00, 0.27, 0.02
HSL	144°, 90%, 75%
HSV	144°, 45%, 98%
XYZ	52.3687, 76.3218, 55.7062
YIQ	207.4610, -45.5200, -45.1040

Conversions

Conversions Part 2

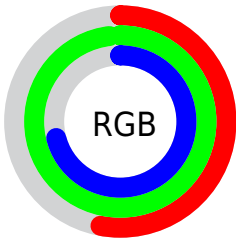
Format	Color
RYB	136, 217, 249
Decimal	8976821
CIELab	90.01, -47.03, 22.81
CIElCh	90, 52.272, 154.123
Yxy	76.3218, 0.2840, 0.4139
Android (android.graphics.Color)	4287166901 (0xFF88F9B5)
YUV	207.4610, -13.0453, -62.6713
Hunter-Lab	87.3623, -45.8837, 23.3476

Details

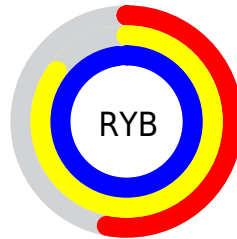
The Yxy color **76.3218, 0.2840, 0.4139** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **42.0980, 0.3605, 0.2583**, and the grayscale version is **62.8165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1038, 0.2865, 0.3483**, and **40.8356, 0.2758, 0.4363** is the 20% darker color. If you saturate the color by 10%, you get **73.8950, 0.2799, 0.4370**, and if you desaturate by 10%, it is **79.3051, 0.2893, 0.3921**.

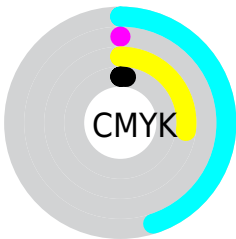
Distribution



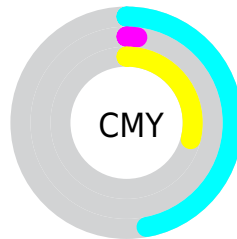
- Red (53%)
- Green (98%)
- Blue (71%)



- Red (53%)
- Yellow (85%)
- Blue (98%)



- Cyan (45%)
- Magenta (0%)
- Yellow (27%)
- Black (2%)





- Cyan (47%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3218, 0.2840, 0.4139 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 76.3218, 0.2840, 0.4139 by changing the saturation by 10% instead.


 76.3218, 0.2840,
0.4139


 76.3218, 0.2840,
0.4139


482.4486, 0.2983,
0.3727

 56.6964, 0.2805,
0.4238


 128.1817, 0.2892,
0.3992

 40.7616, 0.2760,
0.4362


 161.1850, 0.2911,
0.3936

 28.1328, 0.2701,
0.4524


 199.4164, 0.2928,
0.3888

 18.4258, 0.2621,
0.4741

243.2603, 0.2942,
0.3847

 11.2561, 0.2504,
0.5047

293.1010, 0.2954,
0.3811

 6.2394, 0.2324,
0.5508


349.3231, 0.2965,


 2.9912, 0.2018,


0.3780


0.6270

412.3108, 0.2974,
0.3752


 1.1271, 0.0000,
1.0000


 0.0009, 0.0000,
1.0000


 76.3218, 0.2840,
0.4139


 76.3218, 0.2840,
0.4139


 73.8950, 0.2799,
0.4370


 79.3051, 0.2893,
0.3921


 71.9792, 0.2773,
0.4607

 82.8683, 0.2954,
0.3719

 70.5370, 0.2765,
0.4843

 87.0446, 0.3021,
0.3535

 69.5211, 0.2776,
0.5069

 91.8621, 0.3090,
0.3371

■ 68.8739, 0.2806,
0.5276

■ 96.2354, 0.3130,
0.3233

■ 68.6615, 0.2823,
0.5363

Harmonies

Analogous

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



76.3218, 0.3442, 0.4419



76.3218, 0.2840, 0.4139



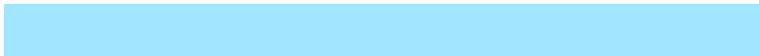
76.3218, 0.2345, 0.3548

Triad

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



76.3218, 0.2840, 0.4139



76.3218, 0.2273, 0.2333



76.3218, 0.4313, 0.3459

Complementary

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



76.3218, 0.2840, 0.4139



42.0980, 0.3605, 0.2583

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.



76.3218, 0.3938, 0.2996



76.3218, 0.2840, 0.4139



76.3218, 0.2724, 0.2378

Square

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



76.3218, 0.2840, 0.4139



76.3218, 0.2048, 0.2513



76.3218, 0.3334, 0.2615



76.3218, 0.4321, 0.3928

Rectangle

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



76.3218, 0.2840, 0.4139



76.3218, 0.2134, 0.3125



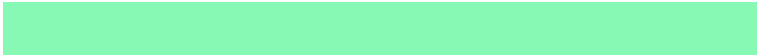
76.3218, 0.3334, 0.2615



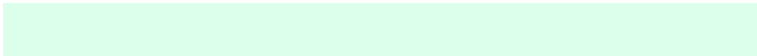
76.3218, 0.4225, 0.3300

Sweetspot

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



76.3249, 0.2840, 0.4139



92.5404, 0.3030, 0.3512



82.6077, 0.3496, 0.4535



19.5872, 0.3015, 0.3549



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.



76.3249, 0.2840, 0.4139



78.3089, 0.2804, 0.4339



79.0328, 0.2577, 0.3443



19.4239, 0.3061, 0.3436



36.7774, 0.2815, 0.5333



3.4265, 0.2749, 0.5095

Inverse Universe

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



42.0980, 0.3605, 0.2583



38.2274, 0.3739, 0.2461



39.9162, 0.4210, 0.3152



17.4005, 0.3199, 0.3148



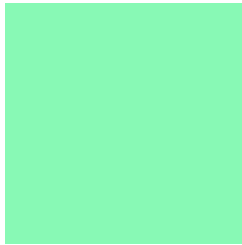
11.9833, 0.4537, 0.2273



1.1308, 0.4335, 0.2162

Previews

White Background



This preview shows how the Yxy color 76.3218, 0.2840, 0.4139 looks on a white background.

Color Contrast Check

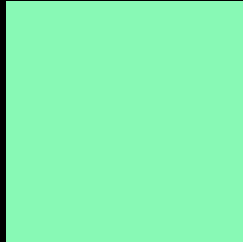
Large Text (above 18pt) WCAG AA × Fail

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 76.3218, 0.2840, 0.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

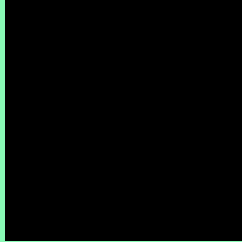
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.3218, 0.2840, 0.4139

Background



This preview shows how black text looks on a background with the Yxy color 76.3218, 0.2840, 0.4139.

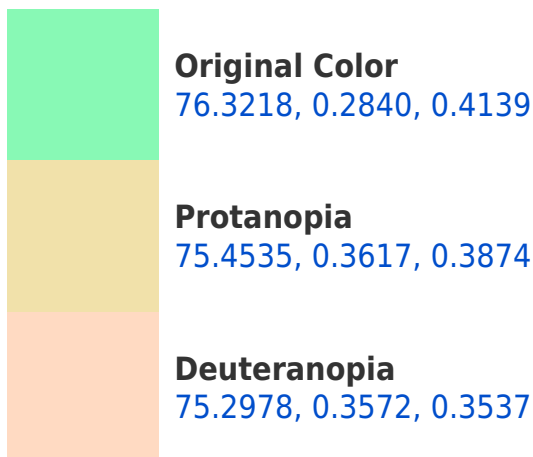


This preview shows how white text looks on a background with the Yxy color 76.3218, 0.2840, 0.4139.

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

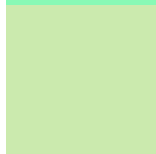
76.2616, 0.2597, 0.3098

Trichromacy



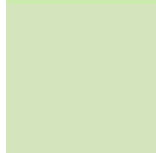
Original Color

76.3218, 0.2840, 0.4139



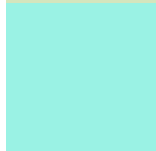
Protanomaly

74.5981, 0.3291, 0.3979



Deuteranomaly

73.7098, 0.3266, 0.3741



Tritanomaly

75.9757, 0.2685, 0.3453

Monochromacy



Original Color

76.3218, 0.2840, 0.4139



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

66.1435, 0.2996, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3218, 0.2840, 0.4139 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(136, 249, 181)` looks like.

```
.text, #text, p{  
    color:rgb(136, 249, 181)  
}
```

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(136, 249, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 249, 181) }
```

Border

The CSS property to change the border of an element to Yxy 76.3218, 0.2840, 0.4139 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(136, 249, 181) }
```

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

```
.border{ border-color:rgb(136, 249, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 249, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 249, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 249, 181);  
box-shadow:4px 4px 4px 4px rgb(136, 249,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3218, 0.2840, 0.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 249, 181) }
```

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

```
.background{ background-color: rgb(136,  
249, 181) }
```

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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