

Converting Colors

$Yxy(70.8851, 0.2924, 0.4013)$

Have a look what the booklet for
Yxy(70.8851, 0.2924, 0.4013)
contains.

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Color

Yxy(71.1198, 0.2923, 0.4017)

Conversions

Conversions Part 1

Format	Color
Hex	98EEB4
RGB	152, 238, 180
RGB Percent	60%, 93%, 71%
CMY	0.4042, 0.0666, 0.2941
CMYK	0.36, 0.00, 0.24, 0.07
HSL	140°, 72%, 76%
HSV	140°, 36%, 93%
XYZ	51.7509, 71.1198, 54.1764
YIQ	205.6740, -32.6380, -36.2700

Conversions

Conversions Part 2

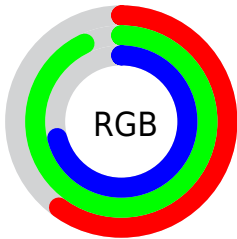
Format	Color
RYB	152, 217, 238
Decimal	10022580
CIELab	87.54, -38.02, 20.04
CIElCh	88, 42.980, 152.207
Yxy	71.1198, 0.2923, 0.4017
Android (android.graphics.Color)	4288212660 (0xFF98EEB4)
YUV	205.6740, -12.6573, -47.0721
Hunter-Lab	84.3326, -38.0451, 20.9441

Details

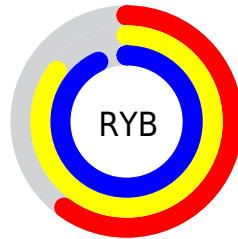
The Yxy color **71.1198, 0.2923, 0.4017** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **45.2638, 0.3418, 0.2663**, and the grayscale version is **61.5915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1314, 0.2955, 0.3489**, and **37.5296, 0.2864, 0.4217** is the 20% darker color. If you saturate the color by 10%, you get **68.4369, 0.2878, 0.4264**, and if you desaturate by 10%, it is **74.3450, 0.2975, 0.3788**.

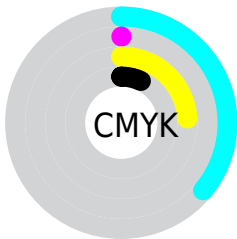
Distribution



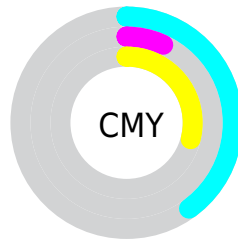
- Red (60%)
- Green (93%)
- Blue (71%)



- Red (60%)
- Yellow (85%)
- Blue (93%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)





- Cyan (40%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1198, 0.2923, 0.4017 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 71.1198, 0.2923, 0.4017 by changing the saturation by 10% instead.


 71.1198, 0.2923,
0.4017

 71.1198, 0.2923,
0.4017


464.4721, 0.3026,
0.3662

 52.4400, 0.2897,
0.4103

 120.8043, 0.2961,
0.3890

 37.3559, 0.2864,
0.4211


 152.5777, 0.2975,
0.3842

 25.4832, 0.2820,
0.4352


189.4845, 0.2987,
0.3801

 16.4374, 0.2758,
0.4543

231.9090, 0.2997,
0.3766

 9.8342, 0.2667,
0.4816

280.2356, 0.3006,
0.3735

 5.2892, 0.2522,
0.5233

334.8488, 0.3013,

 2.4179, 0.2271,

0.3708

396.1328, 0.3020,
0.3684

0.5968

0.8351, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

71.1198, 0.2923,
0.4017

71.1198, 0.2923,
0.4017

68.4369, 0.2878,
0.4264

74.3450, 0.2975,
0.3788

66.2570, 0.2844,
0.4523

78.1316, 0.3032,
0.3580

64.5499, 0.2824,
0.4786

82.5083, 0.3091,
0.3394

63.2779, 0.2820,
0.5042

87.4994, 0.3150,
0.3229

■ 62.3972, 0.2834,
0.5280

■ 89.6392, 0.3135,
0.3127

■ 61.8542, 0.2864,
0.5488

■ 61.7036, 0.2877,
0.5559

Harmonies

Analogous

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



71.1198, 0.3437, 0.4235



71.1198, 0.2923, 0.4017



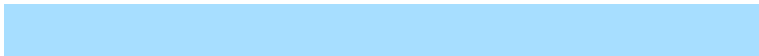
71.1198, 0.2487, 0.3545

Triad

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



71.1198, 0.2923, 0.4017



71.1198, 0.2379, 0.2475



71.1198, 0.4113, 0.3421

Complementary

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



71.1198, 0.2923, 0.4017



45.2638, 0.3418, 0.2663

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.



71.1198, 0.3782, 0.3020



71.1198, 0.2923, 0.4017



71.1198, 0.2759, 0.2498

Square

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



71.1198, 0.2923, 0.4017



71.1198, 0.2196, 0.2652



71.1198, 0.3271, 0.2693



71.1198, 0.4146, 0.3824

Rectangle

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



71.1198, 0.2923, 0.4017



71.1198, 0.2293, 0.3193



71.1198, 0.3271, 0.2693



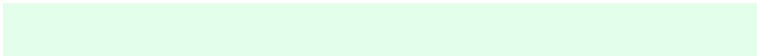
71.1198, 0.4032, 0.3283

Sweetspot

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



71.1227, 0.2923, 0.4017



93.9044, 0.3062, 0.3482



77.2367, 0.3472, 0.4255



19.9515, 0.3054, 0.3508



0.0000, 0.0000, 0.0000



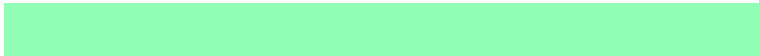
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1227, 0.2923, 0.4017



80.9119, 0.2891, 0.4188



73.1141, 0.2698, 0.3478



17.7414, 0.3071, 0.3453



34.4398, 0.2870, 0.5531



2.8827, 0.2796, 0.5266

Inverse Universe

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



45.2638, 0.3418, 0.2663



46.7456, 0.3495, 0.2543



43.4296, 0.3839, 0.3115



15.9386, 0.3188, 0.3132



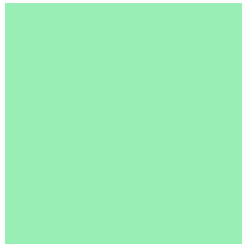
11.5897, 0.4245, 0.2112



0.9824, 0.4074, 0.2018

Previews

White Background



This preview shows how the Yxy color 71.1198, 0.2923, 0.4017 looks on a white background.

Color Contrast Check

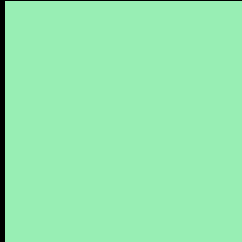
Large Text (above 18pt) WCAG AA × Fail

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 71.1198, 0.2923, 0.4017 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 71.1198, 0.2923, 0.4017

Background



This preview shows how black text looks on a background with the Yxy color 71.1198, 0.2923, 0.4017.

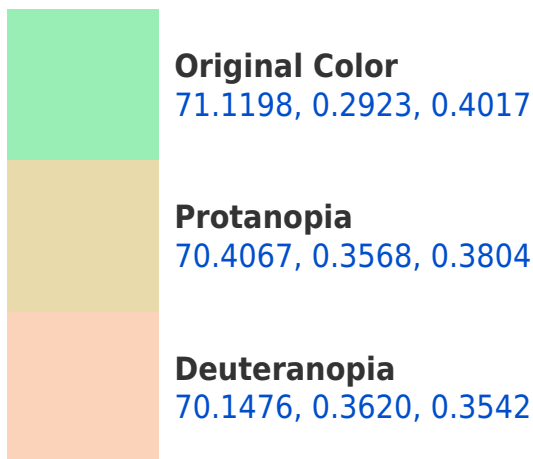


This preview shows how white text looks on a background with the Yxy color 71.1198, 0.2923, 0.4017.

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

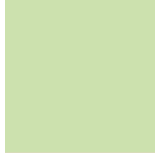
70.8610, 0.2633, 0.3083

Trichromacy



Original Color

71.1198, 0.2923, 0.4017



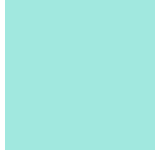
Protanomaly

69.7438, 0.3311, 0.3884



Deuteranomaly

69.0942, 0.3334, 0.3700



Tritanomaly

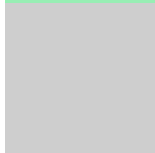
70.6180, 0.2735, 0.3396

Monochromacy



Original Color

71.1198, 0.2923, 0.4017



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

64.6131, 0.3037, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1198, 0.2923, 0.4017 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(152, 238, 180)` looks like.

```
.text, #text, p{  
    color:rgb(152, 238, 180)  
}
```

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(152, 238, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 238, 180) }
```

Border

The CSS property to change the border of an element to Yxy 71.1198, 0.2923, 0.4017 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(152, 238, 180) }
```

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

```
.border{ border-color:rgb(152, 238, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 238, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 238, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 238, 180);  
box-shadow:4px 4px 4px 4px rgb(152, 238,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1198, 0.2923, 0.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 238, 180) }
```

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

```
.background{ background-color: rgb(152,  
238, 180) }
```

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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