

Converting Colors

$Yxy(71.0791, 0.3073, 0.3851)$

Have a look what the booklet for
Yxy(71.0791, 0.3073, 0.3851)
contains.

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Color

Yxy(71.0398, 0.3074, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	B5E8B9
RGB	181, 232, 185
RGB Percent	71%, 91%, 73%
CMY	0.2904, 0.0901, 0.2745
CMYK	0.22, 0.00, 0.20, 0.09
HSL	125°, 53%, 81%
HSV	125°, 22%, 91%
XYZ	56.6623, 71.0398, 56.6254
YIQ	211.3930, -15.3090, -25.4290

Conversions

Conversions Part 2

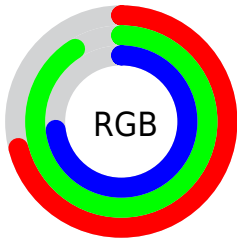
Format	Color
RYB	181, 228, 232
Decimal	11921593
CIELab	87.50, -25.33, 17.62
CIELCh	88, 30.854, 145.172
Yxy	71.0398, 0.3074, 0.3854
Android (android.graphics.Color)	4290111673 (0xFFB5E8B9)
YUV	211.3930, -13.0117, -26.6547
Hunter-Lab	84.2851, -27.4989, 19.1667

Details

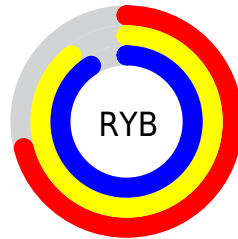
The Yxy color **71.0398, 0.3074, 0.3854** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.7886, 0.3184, 0.2784**, and the grayscale version is **65.5067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0480, 0.3102, 0.3429**, and **37.2286, 0.3052, 0.3995** is the 20% darker color. If you saturate the color by 10%, you get **67.6330, 0.3049, 0.4159**, and if you desaturate by 10%, it is **75.0552, 0.3099, 0.3579**.

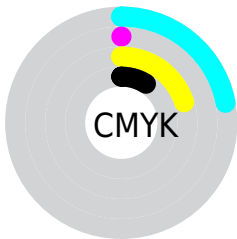
Distribution



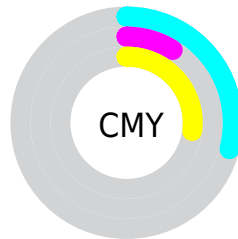
- Red (71%)
- Green (91%)
- Blue (73%)



- Red (71%)
- Yellow (89%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)





- Cyan (29%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0398, 0.3074, 0.3854 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 71.0398, 0.3074, 0.3854 by changing the saturation by 10% instead.


 71.0398, 0.3074,
0.3854

 71.0398, 0.3074,
0.3854


464.1926, 0.3104,
0.3582

 52.3747, 0.3066,
0.3919


 120.6904, 0.3085,
0.3757

 37.3038, 0.3055,
0.4001


152.4447, 0.3090,
0.3720

 25.4428, 0.3040,
0.4107


189.3307, 0.3093,
0.3689

 16.4073, 0.3018,
0.4249

231.7331, 0.3096,
0.3662

 9.8128, 0.2984,
0.4451

280.0360, 0.3098,
0.3638

 5.2750, 0.2925,
0.4756


334.6240, 0.3100,


 2.4095, 0.2809,

0.3617

0.5270


395.8814, 0.3102,
0.3599


 0.8308, 0.1710,
0.8290


 0.0000, 0.0000,
0.0000

 71.0398, 0.3074,
0.3854


 71.0398, 0.3074,
0.3854

 67.6330, 0.3049,
0.4159

 75.0552, 0.3099,
0.3579

 64.7966, 0.3026,
0.4488

 79.6973, 0.3123,
0.3335

 62.5021, 0.3005,
0.4827

 84.9946, 0.3145,
0.3123

 60.7148, 0.2989,
0.5158

 86.2012, 0.3138,
0.3068

■ 59.3961, 0.2979,
0.5458

■ 58.5018, 0.2977,
0.5704

■ 57.9792, 0.2983,
0.5876

■ 57.7661, 0.2988,
0.5958

Harmonies

Analogous

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



71.0398, 0.3445, 0.3964



71.0398, 0.3074, 0.3854



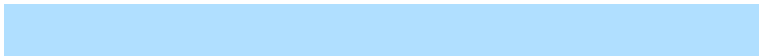
71.0398, 0.2731, 0.3560

Triad

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



71.0398, 0.3074, 0.3854



71.0398, 0.2532, 0.2711



71.0398, 0.3793, 0.3326

Complementary

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



71.0398, 0.3074, 0.3854



55.7886, 0.3184, 0.2784

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.



71.0398, 0.3520, 0.3032



71.0398, 0.3074, 0.3854



71.0398, 0.2786, 0.2687

Square

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



71.0398, 0.3074, 0.3854



71.0398, 0.2432, 0.2887



71.0398, 0.3146, 0.2804



71.0398, 0.3874, 0.3629

Rectangle

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



71.0398, 0.3074, 0.3854



71.0398, 0.2562, 0.3316



71.0398, 0.3146, 0.2804



71.0398, 0.3720, 0.3224

Sweetspot

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



71.0428, 0.3074, 0.3854



95.7566, 0.3111, 0.3454



77.6497, 0.3434, 0.3843



20.4215, 0.3109, 0.3468



0.0000, 0.0000, 0.0000



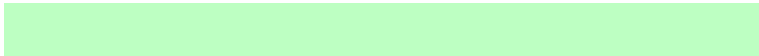
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0428, 0.3074, 0.3854



86.1934, 0.3064, 0.3977



72.1875, 0.2926, 0.3549



16.1076, 0.3105, 0.3513



32.0722, 0.2985, 0.5946



2.3765, 0.2946, 0.5805

Inverse Universe

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



55.7886, 0.3184, 0.2784



64.4125, 0.3196, 0.2688



54.5046, 0.3385, 0.3045



14.5945, 0.3150, 0.3076



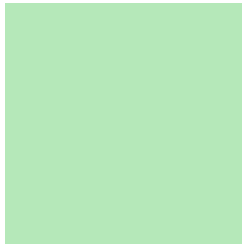
12.2175, 0.3418, 0.1657



0.9087, 0.3384, 0.1638

Previews

White Background



This preview shows how the Yxy color 71.0398, 0.3074, 0.3854 looks on a white background.

Color Contrast Check

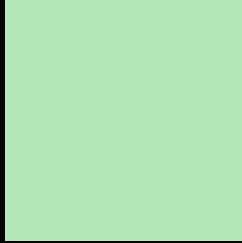
Large Text (above 18pt) WCAG AA × Fail

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 71.0398, 0.3074, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

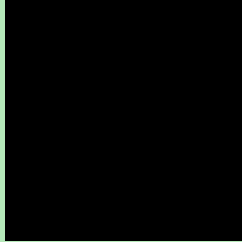
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

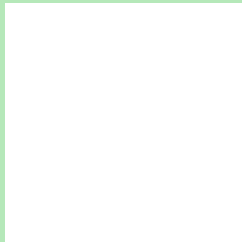
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0398, 0.3074, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 71.0398, 0.3074, 0.3854.

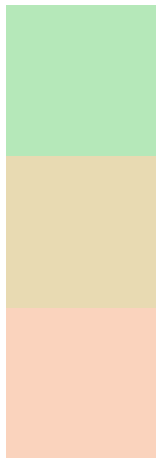


This preview shows how white text looks on a background with the Yxy color 71.0398, 0.3074, 0.3854.

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

71.0398, 0.3074, 0.3854

Protanopia

70.5130, 0.3510, 0.3728

Deuteranopia

70.5866, 0.3587, 0.3521



Tritanopia

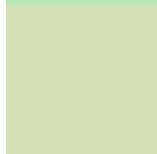
70.7985, 0.2799, 0.3088

Trichromacy



Original Color

71.0398, 0.3074, 0.3854



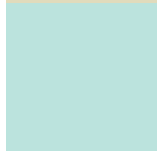
Protanomaly

70.2577, 0.3335, 0.3769



Deuteranomaly

70.3014, 0.3384, 0.3634



Tritanomaly

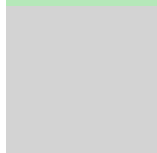
70.7234, 0.2897, 0.3359

Monochromacy



Original Color

71.0398, 0.3074, 0.3854



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.2067, 0.3104, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0398, 0.3074, 0.3854 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(181, 232, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 232, 185)  
}
```

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(181, 232, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 232, 185) }
```

Border

The CSS property to change the border of an element to Yxy 71.0398, 0.3074, 0.3854 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(181, 232, 185) }
```

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

```
.border{ border-color:rgb(181, 232, 185) }
```

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

Here you see how a box with a 4 pixel rgb(181, 232, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 232, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 232, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 232,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0398, 0.3074, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 232, 185) }
```

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

```
.background{ background-color: rgb(181,  
232, 185) }
```

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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