

Converting Colors

$Yxy(74.1203, 0.3014, 0.3664)$

Have a look what the booklet for
Yxy(74.1203, 0.3014, 0.3664)
contains.

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Color

Yxy(74.3723, 0.3018, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	BCEBCA
RGB	188, 235, 202
RGB Percent	74%, 92%, 79%
CMY	0.2627, 0.0784, 0.2079
CMYK	0.20, 0.00, 0.14, 0.08
HSL	138°, 54%, 83%
HSV	138°, 20%, 92%
XYZ	61.1096, 74.3723, 67.0019
YIQ	217.1850, -17.4190, -20.2270

Conversions

Conversions Part 2

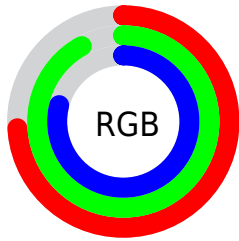
Format	Color
RYB	188, 224, 235
Decimal	12381130
CIELab	89.10, -21.46, 11.09
CIELCh	89, 24.159, 152.675
Yxy	74.3723, 0.3018, 0.3673
Android (android.graphics.Color)	4290571210 (0xFFBCEBCA)
YUV	217.1850, -7.4862, -25.5952
Hunter-Lab	86.2394, -24.4330, 14.3034

Details

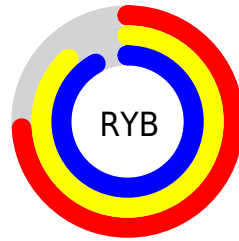
The Yxy color **74.3723, 0.3018, 0.3673** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.8592, 0.3257, 0.2935**, and the grayscale version is **69.5859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **39.4466, 0.2988, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **70.8886, 0.2966, 0.3899**, and if you desaturate by 10%, it is **78.4319, 0.3072, 0.3470**.

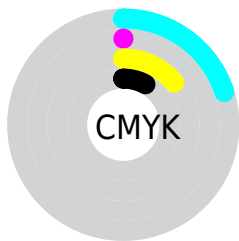
Distribution



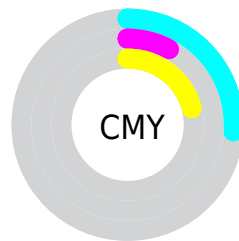
- Red (74%)
- Green (92%)
- Blue (79%)



- Red (74%)
- Yellow (88%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)




- Cyan (26%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3723, 0.3018, 0.3673 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 74.3723, 0.3018, 0.3673 by changing the saturation by 10% instead.


 74.3723, 0.3018,
0.3673

 74.3723, 0.3018,
0.3673


475.7573, 0.3071,
0.3491

 55.0988, 0.3005,
0.3716

 125.4234, 0.3037,
0.3609

 39.4808, 0.2989,
0.3769


157.9699, 0.3044,
0.3584

 27.1340, 0.2969,
0.3837


195.7094, 0.3050,
0.3563

 17.6739, 0.2941,
0.3928

239.0264, 0.3055,
0.3545

 10.7161, 0.2901,
0.4056

288.3053, 0.3060,
0.3529

 5.8763, 0.2841,
0.4246


343.9305, 0.3064,

 2.7700, 0.2738,

0.3515

406.2864, 0.3068,
0.3503


0.4558


 1.0129, 0.2452,
0.5730


 0.0000, 0.0000,
0.0000

 74.3723, 0.3018,
0.3673


 74.3723, 0.3018,
0.3673

 70.8886, 0.2966,
0.3899

 78.4319, 0.3072,
0.3470


 67.9454, 0.2920,
0.4145

 83.0825, 0.3127,
0.3290

 65.5176, 0.2881,
0.4408

 87.6765, 0.3158,
0.3130

 63.5743, 0.2854,
0.4680

 87.8981, 0.3136,
0.3097

■ 62.0815, 0.2841,
0.4951

■ 61.0002, 0.2845,
0.5207

■ 60.2846, 0.2865,
0.5436

■ 59.8589, 0.2896,
0.5627

■ 59.8586, 0.2896,
0.5627

Harmonies

Analogous

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



74.3723, 0.3307, 0.3799



74.3723, 0.3018, 0.3673



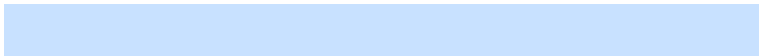
74.3723, 0.2766, 0.3430

Triad

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



74.3723, 0.3018, 0.3673



74.3723, 0.2704, 0.2823



74.3723, 0.3670, 0.3385

Complementary

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



74.3723, 0.3018, 0.3673



58.8592, 0.3257, 0.2935

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.



74.3723, 0.3493, 0.3145



74.3723, 0.3018, 0.3673



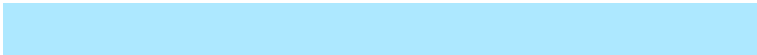
74.3723, 0.2929, 0.2830

Square

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



74.3723, 0.3018, 0.3673



74.3723, 0.2591, 0.2936



74.3723, 0.3218, 0.2947



74.3723, 0.3692, 0.3613

Rectangle

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



74.3723, 0.3018, 0.3673



74.3723, 0.2650, 0.3244



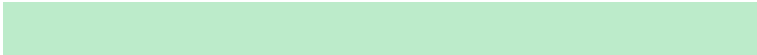
74.3723, 0.3218, 0.2947



74.3723, 0.3626, 0.3303

Sweetspot

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



74.3754, 0.3018, 0.3673



96.5396, 0.3094, 0.3396



78.5305, 0.3333, 0.3804



20.5862, 0.3090, 0.3408



0.0000, 0.0000, 0.0000



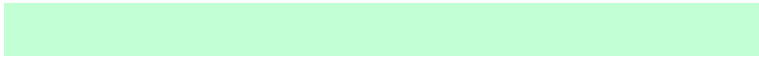
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3754, 0.3018, 0.3673



87.7161, 0.2996, 0.3763



75.5384, 0.2885, 0.3405



16.9359, 0.3075, 0.3460



33.3328, 0.2889, 0.5600



2.6338, 0.2812, 0.5324

Inverse Universe

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



58.8592, 0.3257, 0.2935



65.8577, 0.3289, 0.2860



57.7232, 0.3440, 0.3179



15.2330, 0.3183, 0.3126



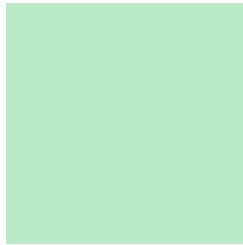
11.3680, 0.4134, 0.2051



0.9094, 0.3975, 0.1964

Previews

White Background



This preview shows how the Yxy color 74.3723, 0.3018, 0.3673 looks on a white background.

Color Contrast Check

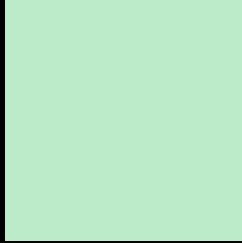
Large Text (above 18pt) WCAG AA × Fail

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 74.3723, 0.3018, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

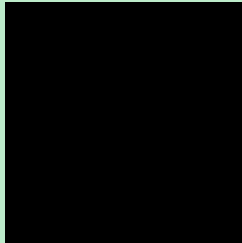
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

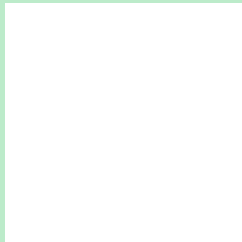
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3723, 0.3018, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 74.3723, 0.3018, 0.3673.

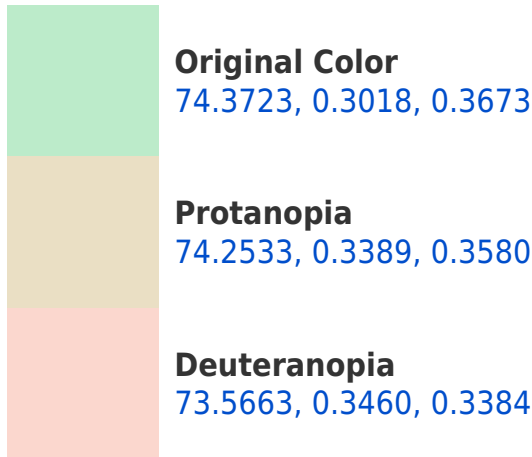


This preview shows how white text looks on a background with the Yxy color 74.3723, 0.3018, 0.3673.

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

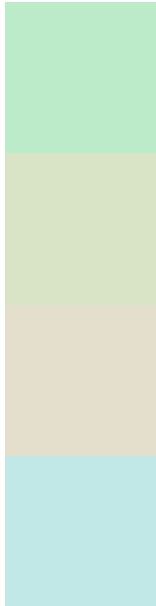




Tritanopia

74.4898, 0.2805, 0.3092

Trichromacy



Original Color

74.3723, 0.3018, 0.3673

Protanomaly

73.7671, 0.3245, 0.3612

Deuteranomaly

73.1443, 0.3284, 0.3475

Tritanomaly

74.2588, 0.2879, 0.3289

Monochromacy



Original Color

74.3723, 0.3018, 0.3673

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

71.1866, 0.3079, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3723, 0.3018, 0.3673 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(188, 235, 202)` looks like.

```
.text, #text, p{  
    color:rgb(188, 235, 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(188, 235, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 235, 202) }
```

Border

The CSS property to change the border of an element to Yxy 74.3723, 0.3018, 0.3673 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(188, 235, 202) }
```

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

```
.border{ border-color:rgb(188, 235, 202) }
```

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

Here you see how a box with a 4 pixel rgb(188, 235, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 235, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 235, 202);  
box-shadow:4px 4px 4px 4px rgb(188, 235,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3723, 0.3018, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 235, 202) }
```

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

```
.background{ background-color: rgb(188,  
235, 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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