

Converting Colors

$Yxy(74.6625, 0.3179, 0.4078)$

Have a look what the booklet for
Yxy(74.6625, 0.3179, 0.4078)
contains.

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Color

Yxy(74.4419, 0.3174, 0.4072)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B9EEAC |
| RGB | 185, 238, 172 |
| RGB Percent | 73%, 93%, 67% |
| CMY | 0.2746, 0.0666, 0.3254 |
| CMYK | 0.22, 0.00, 0.28, 0.07 |
| HSL | 108°, 66%, 80% |
| HSV | 108°, 28%, 93% |
| XYZ | 58.0252, 74.4419, 50.3470 |
| YIQ | 214.6290, -10.4020, -31.7620 |

Conversions

Conversions Part 2

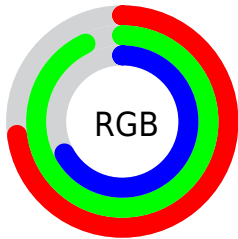
| Format | Color |
|-------------------------------------|--|
| RYB | 172, 238, 225 |
| Decimal | 12185260 |
| CIELab | 89.13, -28.99, 26.60 |
| CIElCh | 89, 39.348, 137.459 |
| Yxy | 74.4419, 0.3174, 0.4072 |
| Android (android.graphics.Color) | 4290375340 (0xFFB9EEAC) |
| YUV | 214.6290, -21.0161, -25.9846 |
| Hunter-Lab | 86.2797, -30.9440, 25.7982 |

Details

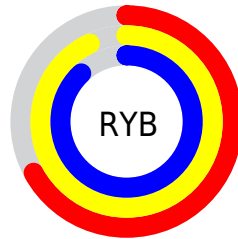
The Yxy color **74.4419, 0.3174, 0.4072** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.7000, 0.3054, 0.2577**, and the grayscale version is **67.8406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9987, 0.3202, 0.3559**, and **39.6131, 0.3178, 0.4279** is the 20% darker color. If you saturate the color by 10%, you get **71.3903, 0.3184, 0.4402**, and if you desaturate by 10%, it is **77.9837, 0.3160, 0.3765**.

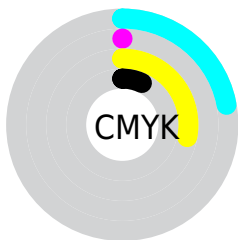
Distribution



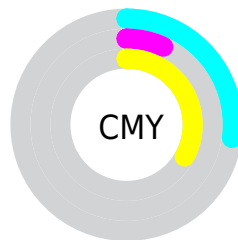
- Red (73%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (88%)



- Cyan (22%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)




- Cyan (27%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4419, 0.3174, 0.4072 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 74.4419, 0.3174, 0.4072 by changing the saturation by 10% instead.


 74.4419, 0.3174,
0.4072

 74.4419, 0.3174,
0.4072


475.9971, 0.3162,
0.3696

 55.1558, 0.3174,
0.4161


 125.5220, 0.3172,
0.3939

 39.5265, 0.3173,
0.4273


158.0848, 0.3170,
0.3888

 27.1695, 0.3169,
0.4418


195.8420, 0.3169,
0.3844

 17.7006, 0.3160,
0.4610

239.1780, 0.3167,
0.3806

 10.7352, 0.3138,
0.4878

288.4770, 0.3166,
0.3773

 5.8891, 0.3089,
0.5274

344.1237, 0.3164,

 2.7778, 0.3021,

0.3744

0.6013

406.5022, 0.3163,
0.3719

1.0168, 0.1993,
0.8007

0.0000, 0.0000,
0.0000

74.4419, 0.3174,
0.4072

74.4419, 0.3174,
0.4072

71.3903, 0.3184,
0.4402

77.9837, 0.3160,
0.3765

68.7978, 0.3186,
0.4742

82.0261, 0.3142,
0.3485

66.6446, 0.3180,
0.5077

86.5913, 0.3123,
0.3236

64.9054, 0.3165,
0.5384

89.6345, 0.3135,
0.3127

■ 63.5526, 0.3139,
0.5639

■ 62.5545, 0.3105,
0.5825

■ 61.8726, 0.3067,
0.5934

■ 61.7528, 0.3059,
0.5953

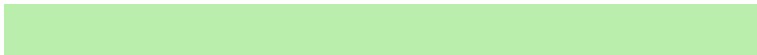
Harmonies

Analogous

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



74.4419, 0.3627, 0.4131



74.4419, 0.3174, 0.4072



74.4419, 0.2728, 0.3744

Triad

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



74.4419, 0.3174, 0.4072



74.4419, 0.2340, 0.2607



74.4419, 0.3897, 0.3230

Complementary

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



74.4419, 0.3174, 0.4072



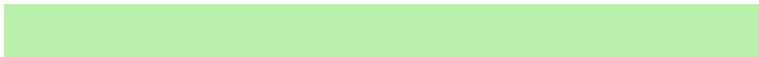
51.7000, 0.3054, 0.2577

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.



74.4419, 0.3503, 0.2887



74.4419, 0.3174, 0.4072



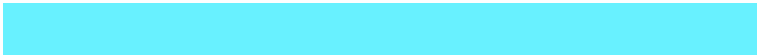
74.4419, 0.2605, 0.2537

Square

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



74.4419, 0.3174, 0.4072



74.4419, 0.2270, 0.2864



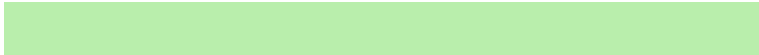
74.4419, 0.3023, 0.2641



74.4419, 0.4067, 0.3606

Rectangle

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



74.4419, 0.3174, 0.4072



74.4419, 0.2494, 0.3438



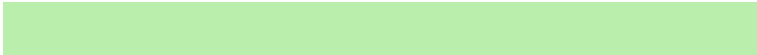
74.4419, 0.3023, 0.2641



74.4419, 0.3785, 0.3108

Sweetspot

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



74.4451, 0.3174, 0.4072



95.7774, 0.3143, 0.3493



74.9060, 0.3581, 0.3855



20.3398, 0.3145, 0.3534



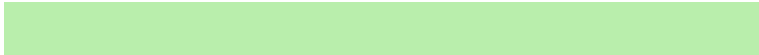
0.0000, 0.0000, 0.0000



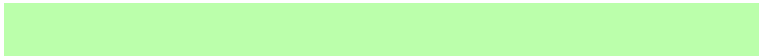
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4451, 0.3174, 0.4072



85.0669, 0.3180, 0.4248



73.7245, 0.2977, 0.3844



17.8058, 0.3145, 0.3532



34.4911, 0.3067, 0.5947



2.9093, 0.3149, 0.5882

Inverse Universe

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



51.7000, 0.3054, 0.2577



54.5483, 0.3034, 0.2434



52.7628, 0.3321, 0.2794



15.8655, 0.3106, 0.3055



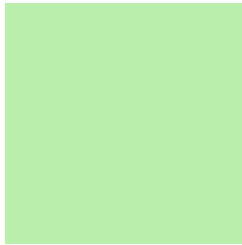
9.6972, 0.2717, 0.1270



0.8463, 0.2785, 0.1308

Previews

White Background



This preview shows how the Yxy color 74.4419, 0.3174, 0.4072 looks on a white background.

Color Contrast Check

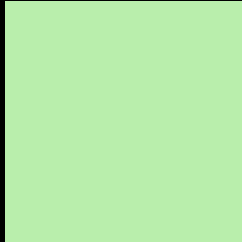
Large Text (above 18pt) WCAG AA × Fail

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 74.4419, 0.3174, 0.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

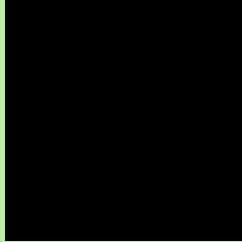
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

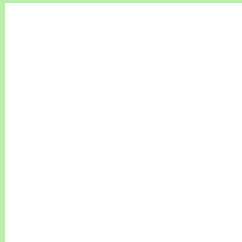
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4419, 0.3174, 0.4072

Background



This preview shows how black text looks on a background with the Yxy color 74.4419, 0.3174, 0.4072.

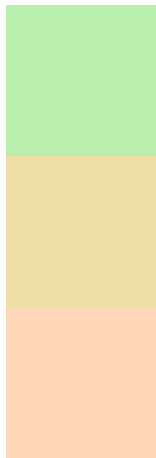


This preview shows how white text looks on a background with the Yxy color 74.4419, 0.3174, 0.4072.

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

74.4419, 0.3174, 0.4072

Protanopia

73.8427, 0.3642, 0.3910

Deuteranopia

73.8745, 0.3643, 0.3610



Tritanopia

74.0725, 0.2811, 0.3082

Trichromacy



Original Color

74.4419, 0.3174, 0.4072



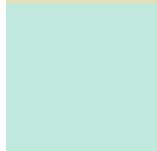
Protanomaly

73.3740, 0.3456, 0.3961



Deuteranomaly

73.4296, 0.3467, 0.3770



Tritanomaly

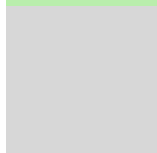
74.2180, 0.2943, 0.3426

Monochromacy



Original Color

74.4419, 0.3174, 0.4072



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.7362, 0.3150, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4419, 0.3174, 0.4072 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(185, 238, 172)` looks like.

```
.text, #text, p{  
    color:rgb(185, 238, 172)  
}
```

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(185, 238, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 238, 172) }
```

Border

The CSS property to change the border of an element to Yxy 74.4419, 0.3174, 0.4072 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(185, 238, 172) }
```

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

```
.border{ border-color:rgb(185, 238, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 238, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 238, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 238, 172); box-shadow:4px 4px 4px 4px rgb(185, 238, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4419, 0.3174, 0.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 238, 172) }
```

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

```
.background{ background-color: rgb(185,  
238, 172) }
```

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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