

Converting Colors

$Yxy(82.0833, 0.3077, 0.3941)$

Have a look what the booklet for
Yxy(82.0833, 0.3077, 0.3941)
contains.

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Color

Yxy(82.2485, 0.3072, 0.3940)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BCF9C0 |
| RGB | 188, 249, 192 |
| RGB Percent | 74%, 98%, 75% |
| CMY | 0.2628, 0.0235, 0.2470 |
| CMYK | 0.25, 0.00, 0.23, 0.02 |
| HSL | 124°, 84%, 86% |
| HSV | 124°, 25%, 98% |
| XYZ | 64.1288, 82.2485, 62.3753 |
| YIQ | 224.2630, -18.0590, -30.6590 |

Conversions

Conversions Part 2

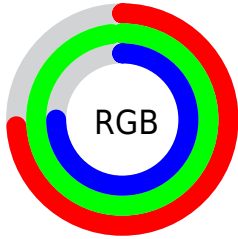
| Format | Color |
|-------------------------------------|---------------------------------|
| R _{YB} | 188, 245, 249 |
| Decimal | 12384704 |
| CIE _{Lab} | 92.68, -29.93, 21.28 |
| CIE _{LCh} | 93, 36.724, 144.583 |
| Y _{xy} | 82.2485, 0.3072, 0.3940 |
| Android (android.graphics.Color) | 4290574784 (0xFFBCF9C0) |
| YUV | 224.2630, -15.9057, -31.8027 |
| Hunter-Lab | 90.6910, -32.4895, 22.7053 |

Details

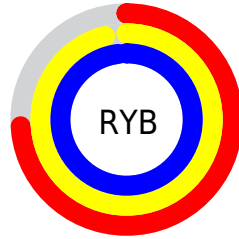
The Yxy color **82.2485, 0.3072, 0.3940** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.6944, 0.3186, 0.2716**, and the grayscale version is **74.8663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7720, 0.3100, 0.3348**, and **44.5208, 0.3051, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **78.4069, 0.3049, 0.4258**, and if you desaturate by 10%, it is **86.8055, 0.3095, 0.3651**.

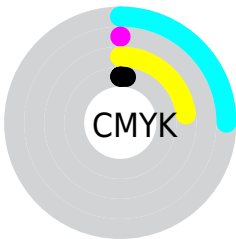
Distribution



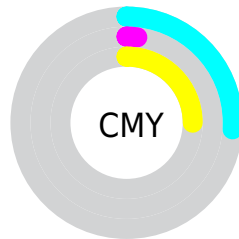
- Red (74%)
- Green (98%)
- Blue (75%)



- Red (74%)
- Yellow (96%)
- Blue (98%)



- Cyan (25%)
- Magenta (0%)
- Yellow (23%)
- Black (2%)




- Cyan (26%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.2485, 0.3072, 0.3940 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 82.2485, 0.3072, 0.3940 by changing the saturation by 10% instead.

 82.2485, 0.3072,
0.3940

 82.2485, 0.3072,
0.3940


502.4785, 0.3104,
0.3633

 61.5704, 0.3063,
0.4011

 136.5224, 0.3084,
0.3832

 44.6857, 0.3052,
0.4100

170.8870, 0.3089,
0.3791

 31.2099, 0.3036,
0.4214


210.5826, 0.3092,
0.3755

 20.7587, 0.3013,
0.4364

255.9935, 0.3095,
0.3724

 12.9478, 0.2978,
0.4571

307.5042, 0.3098,
0.3697

 7.3926, 0.2919,
0.4874

365.4990, 0.3100,

 3.7088, 0.2810,

0.3673

0.5351

430.3623, 0.3102,
0.3652

■ 1.5120, 0.2800,
0.7009

■ 0.2972, 0.0000,
1.0000

■ 82.2485, 0.3072,
0.3940

■ 82.2485, 0.3072,
0.3940

■ 78.4069, 0.3049,
0.4258

■ 86.8055, 0.3095,
0.3651

■ 75.2346, 0.3027,
0.4596

■ 92.1007, 0.3118,
0.3395

■ 72.6964, 0.3007,
0.4941

■ 96.2351, 0.3130,
0.3233

■ 70.7496, 0.2993,
0.5269

■ 69.3462, 0.2985,
0.5556

■ 68.4308, 0.2984,
0.5779

■ 67.9359, 0.2989,
0.5923

■ 67.7939, 0.2991,
0.5969

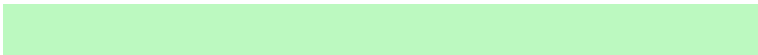
Harmonies

Analogous

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



82.2485, 0.3491, 0.4057



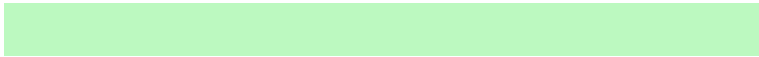
82.2485, 0.3072, 0.3940



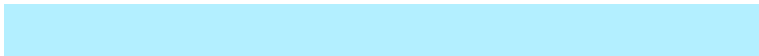
82.2485, 0.2685, 0.3604

Triad

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



82.2485, 0.3072, 0.3940



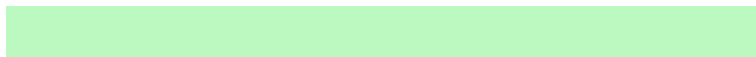
82.2485, 0.2454, 0.2640



82.2485, 0.3879, 0.3320

Complementary

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



82.2485, 0.3072, 0.3940



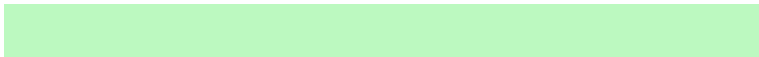
62.6944, 0.3186, 0.2716

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.



82.2485, 0.3564, 0.2993



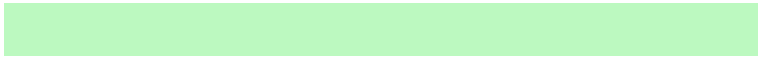
82.2485, 0.3072, 0.3940



82.2485, 0.2734, 0.2613

Square

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



82.2485, 0.3072, 0.3940



82.2485, 0.2345, 0.2837



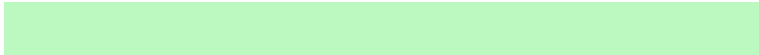
82.2485, 0.3137, 0.2741



82.2485, 0.3975, 0.3660

Rectangle

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



82.2485, 0.3072, 0.3940



82.2485, 0.2494, 0.3324



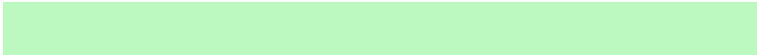
82.2485, 0.3137, 0.2741



82.2485, 0.3795, 0.3206

Sweetspot

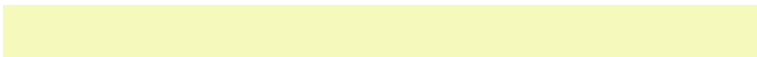
The Sweet Spot groups the original color and five complimentary colors.



82.2520, 0.3072, 0.3940



95.7428, 0.3112, 0.3456



90.9703, 0.3477, 0.3908



20.4183, 0.3111, 0.3471



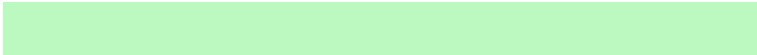
0.0000, 0.0000, 0.0000



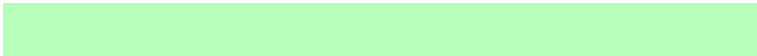
21.4041, 0.3127, 0.3290

Same Dimension

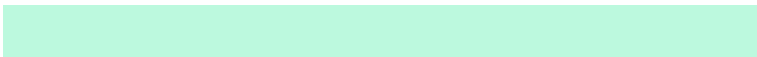
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2520, 0.3072, 0.3940



84.8922, 0.3061, 0.4081



83.6951, 0.2910, 0.3595



19.3278, 0.3107, 0.3519



36.2939, 0.2989, 0.5959



3.3677, 0.2961, 0.5861

Inverse Universe

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



62.6944, 0.3186, 0.2716



61.2375, 0.3198, 0.2609



61.0326, 0.3415, 0.3005



17.5036, 0.3148, 0.3071



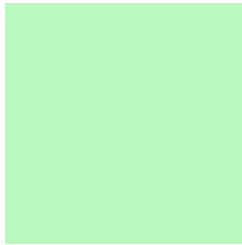
13.9245, 0.3382, 0.1637



1.2954, 0.3360, 0.1624

Previews

White Background



This preview shows how the Yxy color 82.2485, 0.3072, 0.3940 looks on a white background.

Color Contrast Check

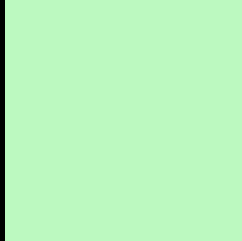
Large Text (above 18pt) WCAG AA × Fail

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 82.2485, 0.3072, 0.3940 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

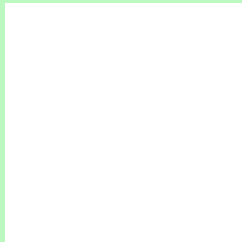
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2485, 0.3072, 0.3940

Background



This preview shows how black text looks on a background with the Yxy color 82.2485, 0.3072, 0.3940.

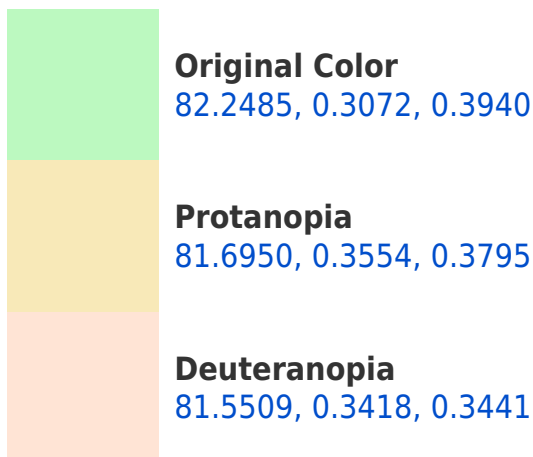


This preview shows how white text looks on a background with the Yxy color 82.2485, 0.3072, 0.3940.

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

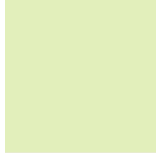
82.0748, 0.2828, 0.3121

Trichromacy



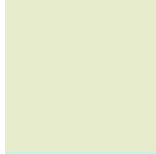
Original Color

82.2485, 0.3072, 0.3940



Protanomaly

81.4896, 0.3364, 0.3850



Deuteranomaly

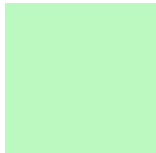
81.3876, 0.3289, 0.3618



Tritanomaly

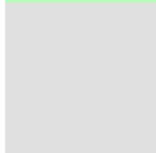
82.0695, 0.2915, 0.3409

Monochromacy



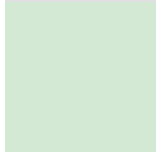
Original Color

82.2485, 0.3072, 0.3940



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

76.8802, 0.3110, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2485, 0.3072, 0.3940 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, 249, 192)` looks like.

```
.text, #text, p{  
    color:rgb(188, 249, 192)  
}
```

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, 249, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 249, 192) }
```

Border

The CSS property to change the border of an element to Yxy 82.2485, 0.3072, 0.3940 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, 249, 192) }
```

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

```
.border{ border-color:rgb(188, 249, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 249, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 249, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 249, 192); box-shadow:4px 4px 4px 4px rgb(188, 249, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2485, 0.3072, 0.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 249, 192) }
```

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

```
.background{ background-color: rgb(188,  
249, 192) }
```

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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