

Converting Colors

$Yxy(82.3098, 0.3257, 0.3859)$

Have a look what the booklet for
Yxy(82.3098, 0.3257, 0.3859)
contains.

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Color

Yxy(82.3098, 0.3257, 0.3859)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D7F3BF |
| RGB | 215, 243, 191 |
| RGB Percent | 84%, 95%, 75% |
| CMY | 0.1570, 0.0470, 0.2510 |
| CMYK | 0.12, 0.00, 0.21, 0.05 |
| HSL | 92°, 68%, 85% |
| HSV | 92°, 21%, 95% |
| XYZ | 69.4696, 82.3098, 61.5137 |
| YIQ | 228.7000, 0.0040, -22.1080 |

Conversions

Conversions Part 2

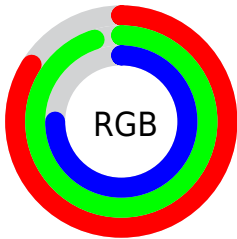
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 191, 243, 219 |
| Decimal | 14152639 |
| CIELab | 92.71, -18.19, 22.10 |
| CIELCh | 93, 28.624, 129.466 |
| Yxy | 82.3098, 0.3257, 0.3859 |
| Android (android.graphics.Color) | 4292342719 (0xFFD7F3BF) |
| YUV | 228.7000, -18.5861, -12.0149 |
| Hunter-Lab | 90.7247, -22.0877, 23.3072 |

Details

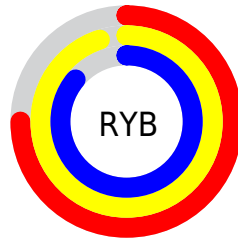
The Yxy color **82.3098, 0.3257, 0.3859** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.8012, 0.2970, 0.2727**, and the grayscale version is **78.2589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **44.8204, 0.3285, 0.4002** is the 20% darker color. If you saturate the color by 10%, you get **79.4257, 0.3313, 0.4155**, and if you desaturate by 10%, it is **85.5375, 0.3197, 0.3581**.

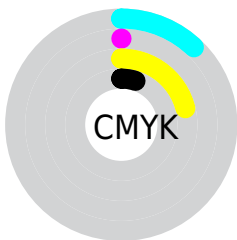
Distribution



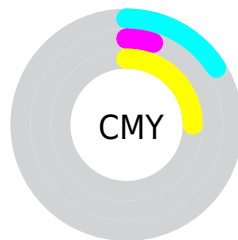
- Red (84%)
- Green (95%)
- Blue (75%)



- Red (75%)
- Yellow (95%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)




- Cyan (16%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3098, 0.3257, 0.3859 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 82.3098, 0.3257, 0.3859 by changing the saturation by 10% instead.

 82.3098, 0.3257,
0.3859

 82.3098, 0.3257,
0.3859


502.6834, 0.3203,
0.3594

 61.6209, 0.3268,
0.3920

 136.6084, 0.3239,
0.3767

 44.7265, 0.3281,
0.3995


170.9868, 0.3232,
0.3731

 31.2420, 0.3296,
0.4091


210.6973, 0.3226,
0.3700

 20.7832, 0.3313,
0.4216

256.1242, 0.3220,
0.3673

 12.9656, 0.3333,
0.4386

307.6518, 0.3215,
0.3650

 7.4049, 0.3353,
0.4630

365.6646, 0.3210,

 3.7166, 0.3364,

0.3629

0.5005

430.5470, 0.3206,
0.3610

■ 1.5163, 0.3710,
0.6290

■ 0.3002, 0.0000,
1.0000

■ 82.3098, 0.3257,
0.3859

■ 82.3098, 0.3257,
0.3859

■ 79.4257, 0.3313,
0.4155

■ 85.5375, 0.3197,
0.3581

■ 76.8620, 0.3360,
0.4461

■ 89.1099, 0.3136,
0.3324

■ 74.6091, 0.3396,
0.4766

■ 92.4548, 0.3128,
0.3175

■ 72.6524, 0.3415,
0.5056

■ 92.5909, 0.3133,
0.3175

■ 70.9762, 0.3414,
0.5313

■ 69.5626, 0.3393,
0.5522

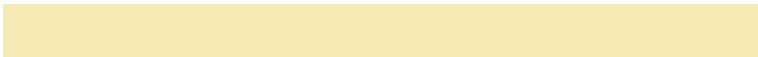
■ 68.3910, 0.3350,
0.5673

■ 67.5520, 0.3302,
0.5760

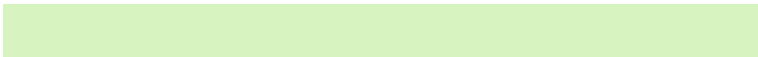
Harmonies

Analogous

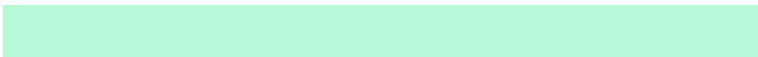
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3098, 0.3561, 0.3862



82.3098, 0.3257, 0.3859



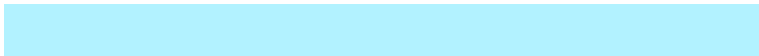
82.3098, 0.2929, 0.3677

Triad

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



82.3098, 0.3257, 0.3859



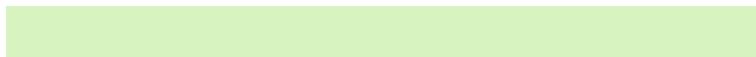
82.3098, 0.2533, 0.2844



82.3098, 0.3606, 0.3183

Complementary

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



82.3098, 0.3257, 0.3859



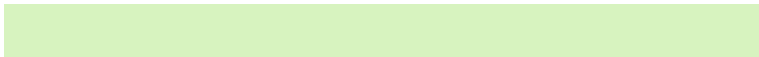
58.8012, 0.2970, 0.2727

Split Complementary

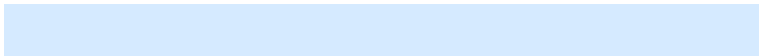
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3098, 0.3307, 0.2944



82.3098, 0.3257, 0.3859



82.3098, 0.2692, 0.2749

Square

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



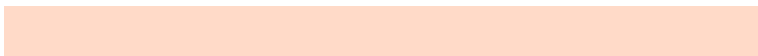
82.3098, 0.3257, 0.3859



82.3098, 0.2522, 0.3068



82.3098, 0.2971, 0.2788



82.3098, 0.3773, 0.3457

Rectangle

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



82.3098, 0.3257, 0.3859



82.3098, 0.2740, 0.3483



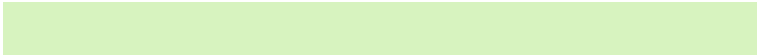
82.3098, 0.2971, 0.2788



82.3098, 0.3517, 0.3097

Sweetspot

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



82.3134, 0.3257, 0.3859



97.5218, 0.3164, 0.3440



73.3470, 0.3500, 0.3584



20.8178, 0.3168, 0.3456



0.0000, 0.0000, 0.0000



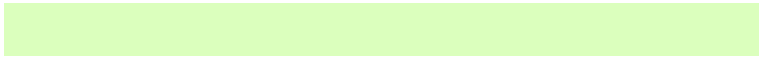
21.4041, 0.3127, 0.3290

Same Dimension

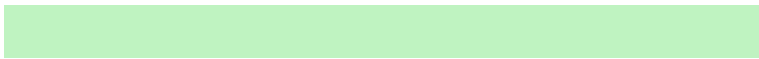
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3134, 0.3257, 0.3859



90.2786, 0.3284, 0.3995



79.0253, 0.3089, 0.3867



18.8460, 0.3185, 0.3530



37.1476, 0.3314, 0.5751



3.3253, 0.3410, 0.5674

Inverse Universe

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



58.8012, 0.2970, 0.2727



59.4070, 0.2928, 0.2594



62.6860, 0.3165, 0.2774



16.3669, 0.3064, 0.3051



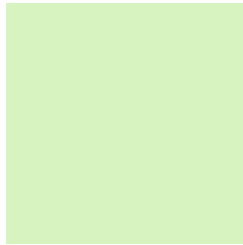
6.2838, 0.2102, 0.0931



0.6134, 0.2232, 0.1003

Previews

White Background



This preview shows how the Yxy color 82.3098, 0.3257, 0.3859 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 82.3098, 0.3257, 0.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

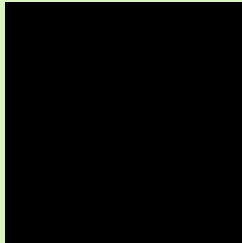
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

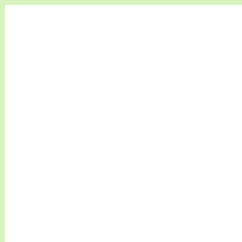
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3098, 0.3257, 0.3859

Background



This preview shows how black text looks on a background with the Yxy color 82.3098, 0.3257, 0.3859.

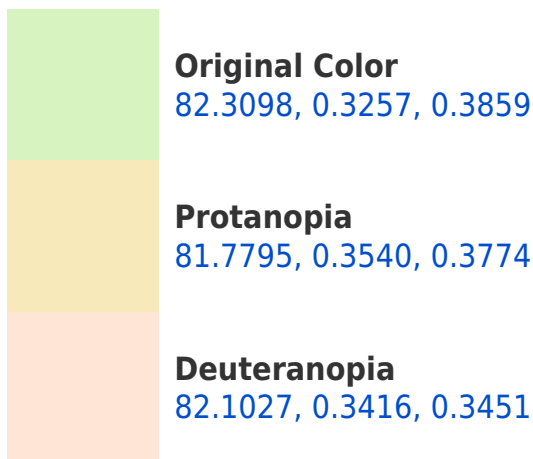


This preview shows how white text looks on a background with the Yxy color 82.3098, 0.3257, 0.3859.

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

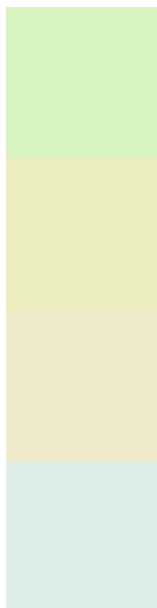




Tritanopia

82.3558, 0.2947, 0.3105

Trichromacy



Original Color

82.3098, 0.3257, 0.3859

Protanomaly

82.0321, 0.3432, 0.3807

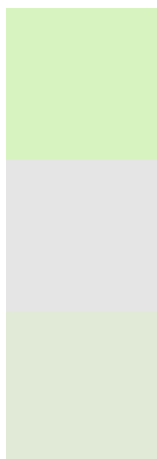
Deuteranomaly

81.7787, 0.3355, 0.3592

Tritanomaly

82.2344, 0.3064, 0.3374

Monochromacy



Original Color

82.3098, 0.3257, 0.3859

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.5992, 0.3179, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3098, 0.3257, 0.3859 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(215, 243, 191)` looks like.

```
.text, #text, p{  
    color:rgb(215, 243, 191)  
}
```

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(215, 243, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 243, 191) }
```

Border

The CSS property to change the border of an element to Yxy 82.3098, 0.3257, 0.3859 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(215, 243, 191) }
```

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

```
.border{ border-color:rgb(215, 243, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 243, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 243, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 243, 191);  
box-shadow:4px 4px 4px 4px rgb(215, 243,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3098, 0.3257, 0.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 243, 191) }
```

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

```
.background{ background-color: rgb(215,  
243, 191) }
```

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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