

Converting Colors

$Yxy(82.0862, 0.3134, 0.3968)$

Have a look what the booklet for
Yxy(82.0862, 0.3134, 0.3968)
contains.

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Color

Yxy(82.2350, 0.3133, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	C2F8BC
RGB	194, 248, 188
RGB Percent	76%, 97%, 74%
CMY	0.2391, 0.0275, 0.2629
CMYK	0.22, 0.00, 0.24, 0.03
HSL	114°, 81%, 85%
HSV	114°, 24%, 97%
XYZ	64.8973, 82.2350, 60.0088
YIQ	225.0140, -12.9240, -30.1080

Conversions

Conversions Part 2

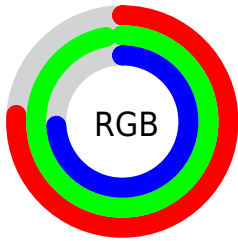
Format	Color
RYB	188, 248, 242
Decimal	12777660
CIELab	92.68, -28.16, 23.40
CIElCh	93, 36.612, 140.272
Yxy	82.2350, 0.3133, 0.3970
Android (android.graphics.Color)	4290967740 (0xFFC2F8BC)
YUV	225.0140, -18.2479, -27.1993
Hunter-Lab	90.6835, -30.9533, 24.2440

Details

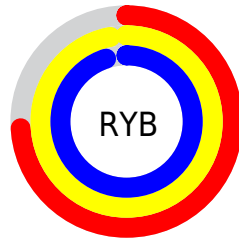
The Yxy color **82.2350, 0.3133, 0.3970** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.5926, 0.3109, 0.2678**, and the grayscale version is **75.4518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5609, 0.3166, 0.3396**, and **44.4718, 0.3126, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **78.5272, 0.3131, 0.4302**, and if you desaturate by 10%, it is **86.5760, 0.3132, 0.3666**.

Distribution



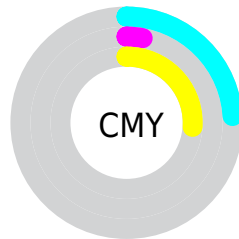
- Red (76%)
- Green (97%)
- Blue (74%)



- Red (74%)
- Yellow (97%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)





- Cyan (24%)
- Magenta (3%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.2350, 0.3133, 0.3970 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 82.2350, 0.3133, 0.3970 by changing the saturation by 10% instead.

 82.2350, 0.3133,
0.3970

 82.2350, 0.3133,
0.3970

502.4334, 0.3137,
0.3649

 61.5593, 0.3130,
0.4045


 136.5035, 0.3136,
0.3858

 44.6767, 0.3126,
0.4137


170.8651, 0.3137,
0.3814

 31.2028, 0.3119,
0.4256


210.5573, 0.3137,
0.3777

 20.7533, 0.3107,
0.4412

255.9647, 0.3137,
0.3745

 12.9438, 0.3086,
0.4626

307.4716, 0.3138,
0.3716

 7.3899, 0.3046,
0.4938

365.4625, 0.3138,

 3.7071, 0.2960,

0.3691

0.5425

430.3216, 0.3138,
0.3669

1.5111, 0.2997,
0.7003

0.2965, 0.0000,
1.0000

82.2350, 0.3133,
0.3970

82.2350, 0.3133,
0.3970

78.5272, 0.3131,
0.4302

86.5760, 0.3132,
0.3666

75.4130, 0.3124,
0.4651

91.5667, 0.3129,
0.3394

72.8646, 0.3113,
0.5001

95.6142, 0.3130,
0.3223

70.8478, 0.3097,
0.5330

■ 69.3246, 0.3077,
0.5610

■ 68.2520, 0.3054,
0.5819

■ 67.5793, 0.3030,
0.5944

■ 67.3422, 0.3019,
0.5985

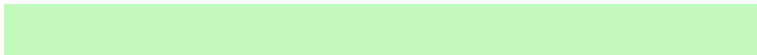
Harmonies

Analogous

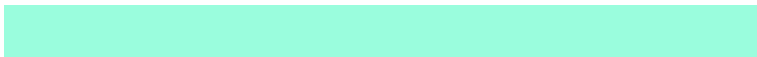
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2350, 0.3546, 0.4051



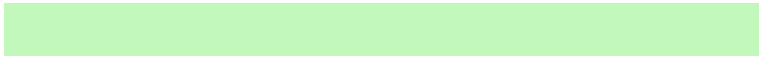
82.2350, 0.3133, 0.3970



82.2350, 0.2736, 0.3661

Triad

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



82.2350, 0.3133, 0.3970



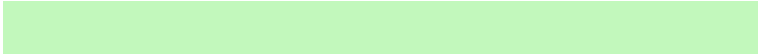
82.2350, 0.2429, 0.2659



82.2350, 0.3844, 0.3271

Complementary

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



82.2350, 0.3133, 0.3970



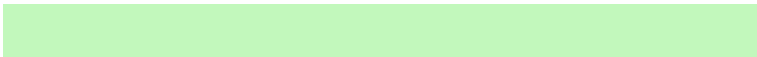
61.5926, 0.3109, 0.2678

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.



82.2350, 0.3505, 0.2952



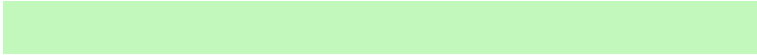
82.2350, 0.3133, 0.3970



82.2350, 0.2686, 0.2608

Square

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



82.2350, 0.3133, 0.3970



82.2350, 0.2347, 0.2880



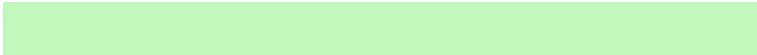
82.2350, 0.3075, 0.2716



82.2350, 0.3974, 0.3612

Rectangle

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



82.2350, 0.3133, 0.3970



82.2350, 0.2531, 0.3385



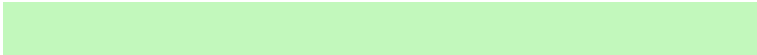
82.2350, 0.3075, 0.2716



82.2350, 0.3749, 0.3159

Sweetspot

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



82.2385, 0.3133, 0.3970



95.9864, 0.3130, 0.3467



86.4934, 0.3509, 0.3830



20.4745, 0.3130, 0.3483



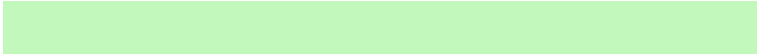
0.0000, 0.0000, 0.0000



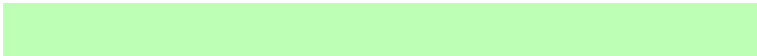
21.4041, 0.3127, 0.3290

Same Dimension

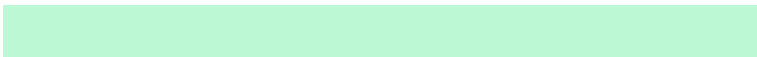
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2385, 0.3133, 0.3970



85.6177, 0.3132, 0.4127



82.5233, 0.2967, 0.3707



19.3932, 0.3131, 0.3534



36.4057, 0.3024, 0.5981



3.3989, 0.3072, 0.5943

Inverse Universe

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



61.5926, 0.3109, 0.2678



60.1560, 0.3103, 0.2553



61.3435, 0.3331, 0.2908



17.4301, 0.3122, 0.3055



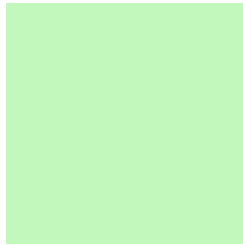
12.1627, 0.2955, 0.1402



1.1515, 0.2987, 0.1419

Previews

White Background



This preview shows how the Yxy color 82.2350, 0.3133, 0.3970 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 82.2350, 0.3133, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

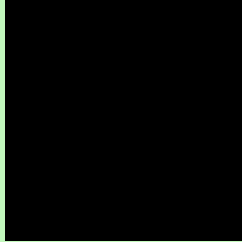
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

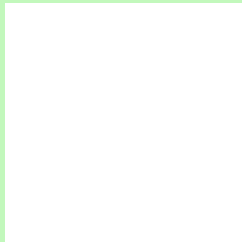
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2350, 0.3133, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 82.2350, 0.3133, 0.3970.

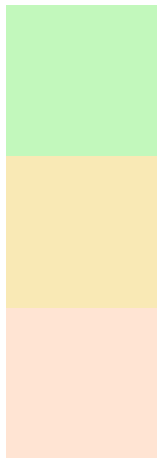


This preview shows how white text looks on a background with the Yxy color 82.2350, 0.3133, 0.3970.

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

82.2350, 0.3133, 0.3970

Protanopia

81.7538, 0.3581, 0.3825

Deuteranopia

81.4500, 0.3432, 0.3462



Tritanopia

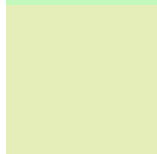
81.9244, 0.2845, 0.3111

Trichromacy



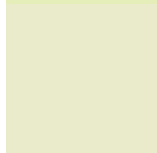
Original Color

82.2350, 0.3133, 0.3970



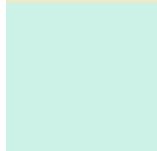
Protanomaly

81.2678, 0.3405, 0.3869



Deuteranomaly

81.0521, 0.3317, 0.3628



Tritanomaly

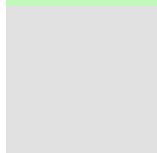
82.1112, 0.2951, 0.3409

Monochromacy



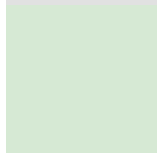
Original Color

82.2350, 0.3133, 0.3970



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.3274, 0.3130, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2350, 0.3133, 0.3970 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(194, 248, 188)` looks like.

```
.text, #text, p{  
    color:rgb(194, 248, 188)  
}
```

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(194, 248, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 248, 188) }
```

Border

The CSS property to change the border of an element to Yxy 82.2350, 0.3133, 0.3970 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(194, 248, 188) }
```

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

```
.border{ border-color:rgb(194, 248, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 248, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 248, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 248, 188);  
box-shadow:4px 4px 4px 4px rgb(194, 248,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2350, 0.3133, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 248, 188) }
```

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

```
.background{ background-color: rgb(194,  
248, 188) }
```

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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