

Converting Colors

Yxy(82.6424, 0.3137, 0.4005)

Have a look what the booklet for
Yxy(82.6424, 0.3137, 0.4005)
contains.

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Color

Yxy(82.6340, 0.3137, 0.4004)

Conversions

Conversions Part 1

Format	Color
Hex	C1F9BA
RGB	193, 249, 186
RGB Percent	76%, 98%, 73%
CMY	0.2430, 0.0236, 0.2705
CMYK	0.22, 0.00, 0.25, 0.02
HSL	113°, 84%, 85%
HSV	113°, 25%, 98%
XYZ	64.7410, 82.6340, 59.0036
YIQ	225.0740, -13.1530, -31.4650

Conversions

Conversions Part 2

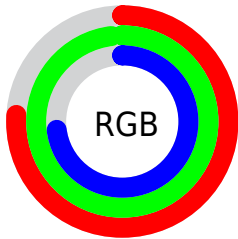
Format	Color
RYB	186, 249, 242
Decimal	12712378
CIELab	92.85, -29.27, 24.62
CIElCh	93, 38.248, 139.926
Yxy	82.6340, 0.3137, 0.4004
Android (android.graphics.Color)	4290902458 (0xFFC1F9BA)
YUV	225.0740, -19.2635, -28.1289
Hunter-Lab	90.9032, -31.9536, 25.1482

Details

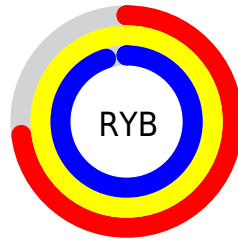
The Yxy color **82.6340, 0.3137, 0.4004** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.8391, 0.3103, 0.2648**, and the grayscale version is **75.5082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2548, 0.3171, 0.3416**, and **44.7960, 0.3124, 0.4170** is the 20% darker color. If you saturate the color by 10%, you get **78.9748, 0.3136, 0.4337**, and if you desaturate by 10%, it is **86.9198, 0.3135, 0.3697**.

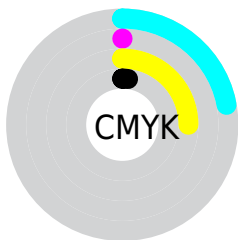
Distribution



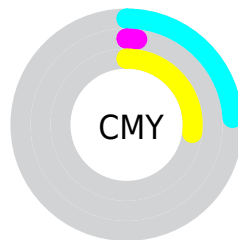
- Red (76%)
- Green (98%)
- Blue (73%)



- Red (73%)
- Yellow (98%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)





- Cyan (24%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6340, 0.3137, 0.4004 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 82.6340, 0.3137, 0.4004 by changing the saturation by 10% instead.


 82.6340, 0.3137,
0.4004

 82.6340, 0.3137,
0.4004


503.7659, 0.3140,
0.3667

 61.8883, 0.3134,
0.4082


 137.0627, 0.3140,
0.3886

 44.9424, 0.3130,
0.4180


171.5145, 0.3140,
0.3840

 31.4121, 0.3122,
0.4304


211.3038, 0.3141,
0.3801

 20.9128, 0.3110,
0.4468

256.8149, 0.3141,
0.3767

 13.0603, 0.3088,
0.4693

308.4323, 0.3141,
0.3737

 7.4701, 0.3045,
0.5019


366.5403, 0.3141,


 3.7578, 0.2952,


0.3711

0.5526


431.5234, 0.3141,
0.3688


 1.5390, 0.2931,
0.7069


 0.3160, 0.0000,
1.0000


 82.6340, 0.3137,
0.4004

 82.6340, 0.3137,
0.4004


 78.9748, 0.3136,
0.4337

 86.9198, 0.3135,
0.3697

 75.9026, 0.3130,
0.4687

 91.8484, 0.3130,
0.3422

 73.3901, 0.3119,
0.5035

 96.2280, 0.3130,
0.3233

 71.4031, 0.3103,
0.5359

■ 69.9038, 0.3082,
0.5632

■ 68.8495, 0.3057,
0.5833

■ 68.1895, 0.3032,
0.5950

■ 67.9916, 0.3022,
0.5982

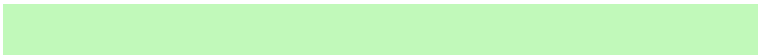
Harmonies

Analogous

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



82.6340, 0.3567, 0.4084



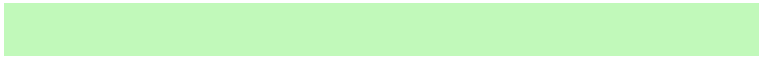
82.6340, 0.3137, 0.4004



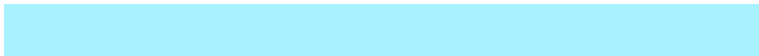
82.6340, 0.2723, 0.3682

Triad

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



82.6340, 0.3137, 0.4004



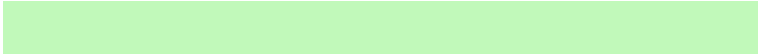
82.6340, 0.2399, 0.2635



82.6340, 0.3872, 0.3264

Complementary

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



82.6340, 0.3137, 0.4004



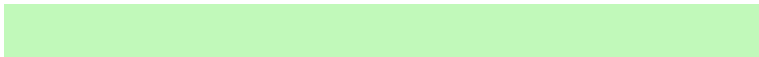
60.8391, 0.3103, 0.2648

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.



82.6340, 0.3516, 0.2935



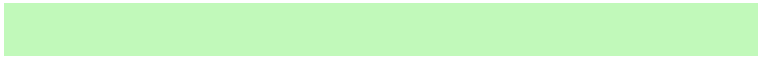
82.6340, 0.3137, 0.4004



82.6340, 0.2664, 0.2581

Square

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



82.6340, 0.3137, 0.4004



82.6340, 0.2317, 0.2865



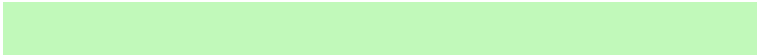
82.6340, 0.3067, 0.2691



82.6340, 0.4011, 0.3619

Rectangle

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



82.6340, 0.3137, 0.4004



82.6340, 0.2509, 0.3393



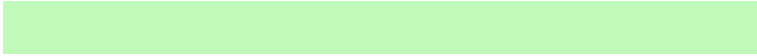
82.6340, 0.3067, 0.2691



82.6340, 0.3773, 0.3148

Sweetspot

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



82.6375, 0.3137, 0.4004



95.4780, 0.3132, 0.3494



86.9797, 0.3527, 0.3855



20.2651, 0.3132, 0.3535



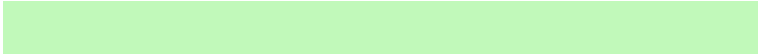
0.0000, 0.0000, 0.0000



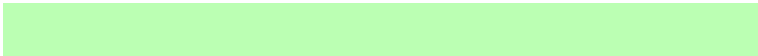
21.4041, 0.3127, 0.3290

Same Dimension

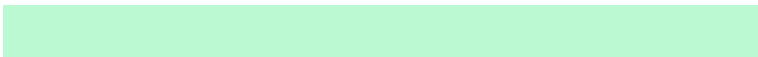
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6375, 0.3137, 0.4004



85.3231, 0.3137, 0.4159



82.8512, 0.2960, 0.3728



19.4018, 0.3132, 0.3534



36.4261, 0.3027, 0.5979



3.4029, 0.3079, 0.5937

Inverse Universe

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



60.8391, 0.3103, 0.2648



58.9380, 0.3096, 0.2526



60.6946, 0.3342, 0.2890



17.4205, 0.3120, 0.3055



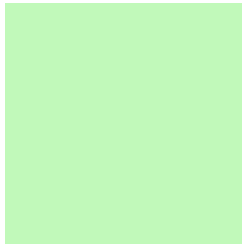
11.9485, 0.2929, 0.1387



1.1338, 0.2965, 0.1407

Previews

White Background



This preview shows how the Yxy color 82.6340, 0.3137, 0.4004 looks on a white background.

Color Contrast Check

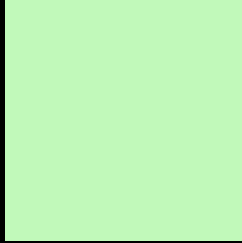
Large Text (above 18pt) WCAG AA × Fail

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 82.6340, 0.3137, 0.4004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

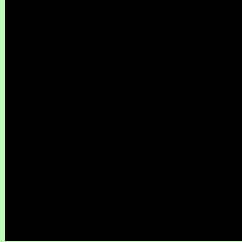
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

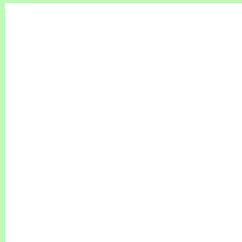
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6340, 0.3137, 0.4004

Background



This preview shows how black text looks on a background with the Yxy color 82.6340, 0.3137, 0.4004.

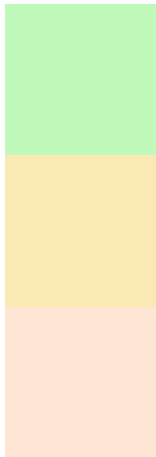


This preview shows how white text looks on a background with the Yxy color 82.6340, 0.3137, 0.4004.

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

82.6340, 0.3137, 0.4004

Protanopia

81.8565, 0.3602, 0.3844

Deuteranopia

82.0521, 0.3423, 0.3461



Tritanopia

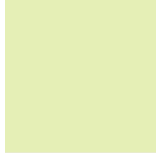
82.6546, 0.2852, 0.3122

Trichromacy



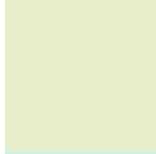
Original Color

82.6340, 0.3137, 0.4004



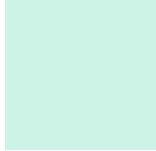
Protanomaly

81.7684, 0.3416, 0.3900



Deuteranomaly

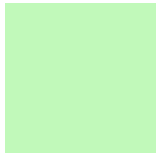
81.4585, 0.3308, 0.3639



Tritanomaly

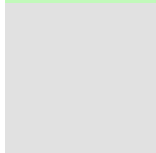
82.6517, 0.2956, 0.3430

Monochromacy



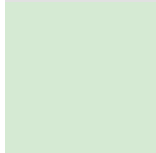
Original Color

82.6340, 0.3137, 0.4004



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.6949, 0.3129, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6340, 0.3137, 0.4004 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(193, 249, 186)` looks like.

```
.text, #text, p{  
    color:rgb(193, 249, 186)  
}
```

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(193, 249, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 249, 186) }
```

Border

The CSS property to change the border of an element to Yxy 82.6340, 0.3137, 0.4004 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(193, 249, 186) }
```

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

```
.border{ border-color:rgb(193, 249, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 249, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 249, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 249, 186);  
box-shadow:4px 4px 4px 4px rgb(193, 249,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6340, 0.3137, 0.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 249, 186) }
```

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

```
.background{ background-color: rgb(193,  
249, 186) }
```

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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