

Converting Colors

$Yxy(78.8474, 0.3052, 0.3680)$

Have a look what the booklet for
Yxy(78.8474, 0.3052, 0.3680)
contains.

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Color

Yxy(78.6467, 0.3051, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	C5F0CE
RGB	197, 240, 206
RGB Percent	77%, 94%, 81%
CMY	0.2275, 0.0588, 0.1920
CMYK	0.18, 0.00, 0.14, 0.06
HSL	133°, 59%, 86%
HSV	133°, 18%, 94%
XYZ	65.3284, 78.6467, 70.1461
YIQ	223.2670, -14.7140, -19.6900

Conversions

Conversions Part 2

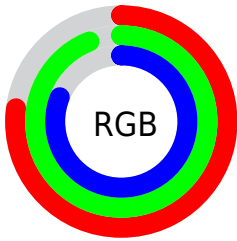
Format	Color
RYB	197, 233, 240
Decimal	12972238
CIELab	91.07, -20.27, 11.88
CIELCh	91, 23.493, 149.633
Yxy	78.6467, 0.3051, 0.3673
Android (android.graphics.Color)	4291162318 (0xFFC5F0CE)
YUV	223.2670, -8.5126, -23.0362
Hunter-Lab	88.6830, -23.7031, 15.1811

Details

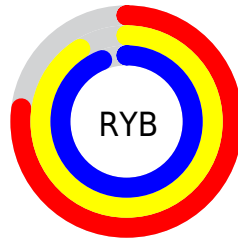
The Yxy color **78.6467, 0.3051, 0.3673** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.2254, 0.3214, 0.2935**, and the grayscale version is **74.0638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **42.3876, 0.3031, 0.3764** is the 20% darker color. If you saturate the color by 10%, you get **74.7971, 0.3010, 0.3924**, and if you desaturate by 10%, it is **83.1299, 0.3094, 0.3449**.

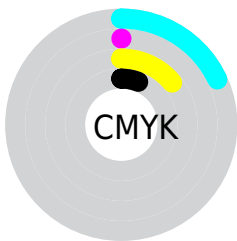
Distribution



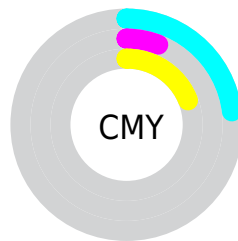
- Red (77%)
- Green (94%)
- Blue (81%)



- Red (77%)
- Yellow (91%)
- Blue (94%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)




- Cyan (23%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6467, 0.3051, 0.3673 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 78.6467, 0.3051, 0.3673 by changing the saturation by 10% instead.


 78.6467, 0.3051,
0.3673

 78.6467, 0.3051,
0.3673

490.3603, 0.3088,
0.3493

 58.6054, 0.3042,
0.3715


131.4614, 0.3064,
0.3610

 42.2955, 0.3031,
0.3767


165.0035, 0.3069,
0.3586

 29.3328, 0.3016,
0.3833


203.8147, 0.3074,
0.3565

 19.3327, 0.2996,
0.3920

248.2793, 0.3077,
0.3547

 11.9109, 0.2968,
0.4041

298.7818, 0.3081,
0.3531

 6.6831, 0.2924,
0.4219


355.7066, 0.3083,


 3.2647, 0.2850,

0.3517

0.4504


419.4379, 0.3086,
0.3504


 1.2714, 0.2740,
0.5197


 0.1189, 0.0000,
1.0000


 78.6467, 0.3051,
0.3673

 78.6467, 0.3051,
0.3673


 74.7971, 0.3010,
0.3924


 83.1299, 0.3094,
0.3449

 71.5428, 0.2971,
0.4198

 88.2632, 0.3136,
0.3251

 68.8567, 0.2939,
0.4491

 90.8024, 0.3134,
0.3146

 66.7056, 0.2915,
0.4792

■ 65.0527, 0.2902,
0.5088

■ 63.8565, 0.2902,
0.5361

■ 63.0686, 0.2916,
0.5594

■ 62.6242, 0.2941,
0.5774

■ 62.5562, 0.2946,
0.5805

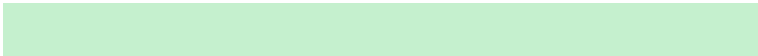
Harmonies

Analogous

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



78.6467, 0.3327, 0.3779



78.6467, 0.3051, 0.3673



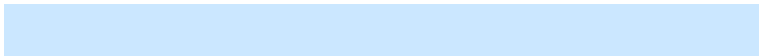
78.6467, 0.2803, 0.3450

Triad

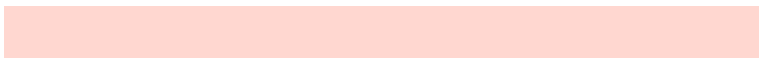
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.6467, 0.3051, 0.3673



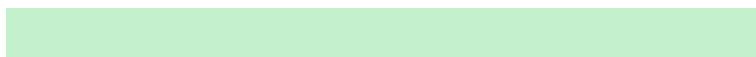
78.6467, 0.2706, 0.2850



78.6467, 0.3634, 0.3358

Complementary

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



78.6467, 0.3051, 0.3673



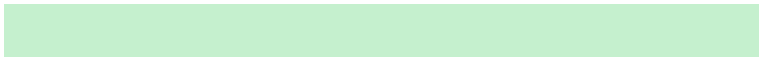
64.2254, 0.3214, 0.2935

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.



78.6467, 0.3453, 0.3130



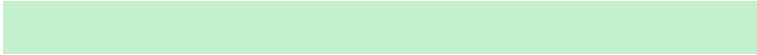
78.6467, 0.3051, 0.3673



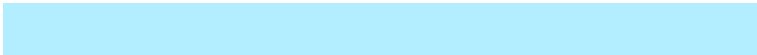
78.6467, 0.2913, 0.2844

Square

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



78.6467, 0.3051, 0.3673



78.6467, 0.2610, 0.2970



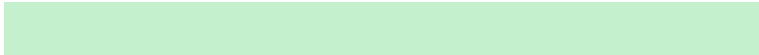
78.6467, 0.3186, 0.2946



78.6467, 0.3671, 0.3579

Rectangle

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



78.6467, 0.3051, 0.3673



78.6467, 0.2685, 0.3274



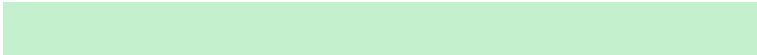
78.6467, 0.3186, 0.2946



78.6467, 0.3588, 0.3280

Sweetspot

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



78.6500, 0.3051, 0.3673



97.0296, 0.3106, 0.3389



83.4096, 0.3337, 0.3745



20.6823, 0.3103, 0.3403



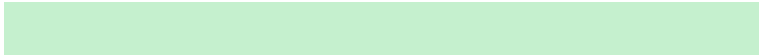
0.0000, 0.0000, 0.0000



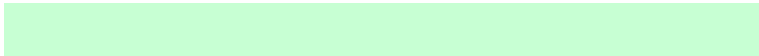
21.4041, 0.3127, 0.3290

Same Dimension

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



78.6500, 0.3051, 0.3673



88.3355, 0.3034, 0.3774



79.7441, 0.2929, 0.3432



17.7107, 0.3087, 0.3482



34.2585, 0.2939, 0.5782



2.8641, 0.2874, 0.5547

Inverse Universe

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



64.2254, 0.3214, 0.2935



68.5453, 0.3237, 0.2850



63.1055, 0.3373, 0.3153



15.9712, 0.3170, 0.3105



12.1869, 0.3823, 0.1880



1.0279, 0.3727, 0.1827

Previews

White Background



This preview shows how the Yxy color 78.6467, 0.3051, 0.3673 looks on a white background.

Color Contrast Check

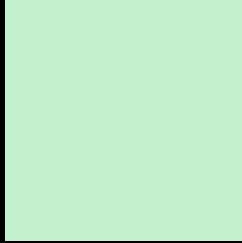
Large Text (above 18pt) WCAG AA × Fail

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 78.6467, 0.3051, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

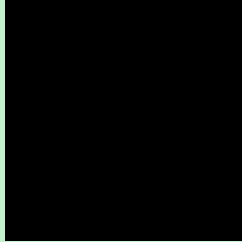
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

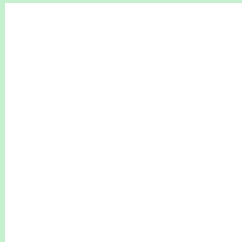
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.6467, 0.3051, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 78.6467, 0.3051, 0.3673.

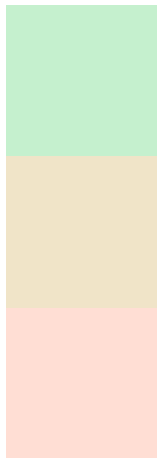


This preview shows how white text looks on a background with the Yxy color 78.6467, 0.3051, 0.3673.

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

78.6467, 0.3051, 0.3673

Protanopia

78.1822, 0.3397, 0.3584

Deuteranopia

78.2560, 0.3435, 0.3392



Tritanopia

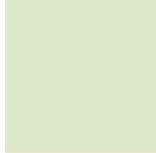
78.2852, 0.2835, 0.3087

Trichromacy



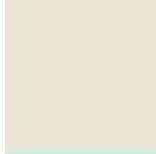
Original Color

78.6467, 0.3051, 0.3673



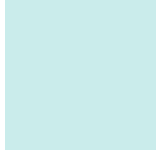
Protanomaly

77.8248, 0.3264, 0.3615



Deuteranomaly

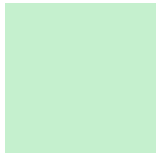
78.1842, 0.3286, 0.3491



Tritanomaly

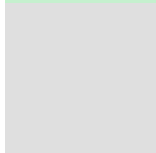
78.5456, 0.2914, 0.3300

Monochromacy



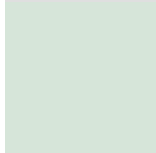
Original Color

78.6467, 0.3051, 0.3673



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

75.3445, 0.3100, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6467, 0.3051, 0.3673 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(197, 240, 206)` looks like.

```
.text, #text, p{  
    color:rgb(197, 240, 206)  
}
```

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(197, 240, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 240, 206) }
```

Border

The CSS property to change the border of an element to Yxy 78.6467, 0.3051, 0.3673 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(197, 240, 206) }
```

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

```
.border{ border-color:rgb(197, 240, 206) }
```

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

Here you see how a box with a 4 pixel rgb(197, 240, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 240, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 240, 206);  
box-shadow:4px 4px 4px 4px rgb(197, 240,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6467, 0.3051, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 240, 206) }
```

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

```
.background{ background-color: rgb(197,  
240, 206) }
```

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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