

Converting Colors

$Yxy(78.3640, 0.3041, 0.3679)$

Have a look what the booklet for
Yxy(78.3640, 0.3041, 0.3679)
contains.

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Color

Yxy(78.3785, 0.3038, 0.3675)

Conversions

Conversions Part 1

Format	Color
Hex	C3F0CE
RGB	195, 240, 206
RGB Percent	76%, 94%, 81%
CMY	0.2356, 0.0587, 0.1922
CMYK	0.19, 0.00, 0.14, 0.06
HSL	135°, 60%, 85%
HSV	135°, 19%, 94%
XYZ	64.7929, 78.3785, 70.1034
YIQ	222.6690, -15.9060, -20.1140

Conversions

Conversions Part 2

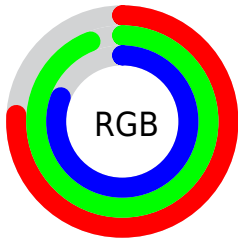
Format	Color
R_{YB}	195, 231, 240
Decimal	12841166
CIE _{Lab}	90.95, -20.95, 11.70
CIE _{LCh}	91, 24.000, 150.819
Yxy	78.3785, 0.3038, 0.3675
Android (android.graphics.Color)	4291031246 (0xFFC3F0CE)
YUV	222.6690, -8.2178, -24.2657
Hunter-Lab	88.5316, -24.2931, 15.0236

Details

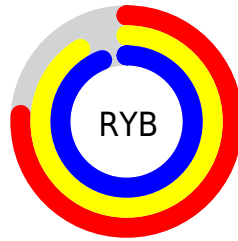
The Yxy color **78.3785, 0.3038, 0.3675** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.1841, 0.3230, 0.2933**, and the grayscale version is **73.6060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **42.2107, 0.3015, 0.3766** is the 20% darker color. If you saturate the color by 10%, you get **74.6086, 0.2992, 0.3916**, and if you desaturate by 10%, it is **82.7703, 0.3085, 0.3459**.

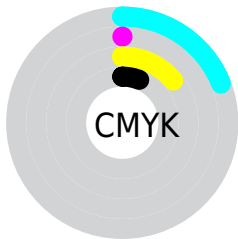
Distribution



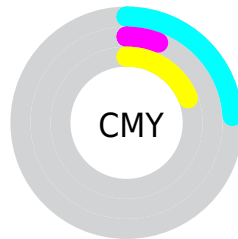
- Red (76%)
- Green (94%)
- Blue (81%)



- Red (76%)
- Yellow (91%)
- Blue (94%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)




- Cyan (24%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3785, 0.3038, 0.3675 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 78.3785, 0.3038, 0.3675 by changing the saturation by 10% instead.


 78.3785, 0.3038,
0.3675

 78.3785, 0.3038,
0.3675


489.4513, 0.3081,
0.3494

 58.3850, 0.3028,
0.3717


 131.0836, 0.3053,
0.3612

 42.1182, 0.3015,
0.3769


164.5638, 0.3059,
0.3587

 29.1939, 0.2998,
0.3836


203.3085, 0.3064,
0.3566

 19.2275, 0.2975,
0.3924

247.7020, 0.3069,
0.3548

 11.8348, 0.2943,
0.4046

298.1286, 0.3072,
0.3532

 6.6313, 0.2894,
0.4226


354.9727, 0.3076,


 3.2326, 0.2811,

0.3518

418.6188, 0.3079,
0.3505


0.4515


 1.2543, 0.2673,
0.5232


 0.1054, 0.0000,
1.0000


 78.3785, 0.3038,
0.3675


 78.3785, 0.3038,
0.3675


 74.6086, 0.2992,
0.3916


 82.7703, 0.3085,
0.3459

 71.4227, 0.2950,
0.4179

 87.8002, 0.3133,
0.3268

 68.7939, 0.2915,
0.4461

 90.8124, 0.3134,
0.3146

 66.6895, 0.2890,
0.4750

■ 65.0731, 0.2878,
0.5036

■ 63.9033, 0.2880,
0.5303

■ 63.1320, 0.2897,
0.5535

■ 62.6893, 0.2925,
0.5721

■ 62.6472, 0.2928,
0.5740

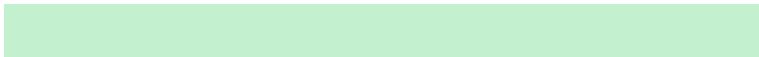
Harmonies

Analogous

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



78.3785, 0.3321, 0.3789



78.3785, 0.3038, 0.3675



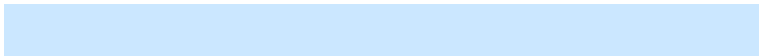
78.3785, 0.2787, 0.3443

Triad

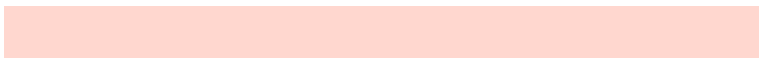
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3785, 0.3038, 0.3675



78.3785, 0.2703, 0.2837



78.3785, 0.3650, 0.3368

Complementary

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



78.3785, 0.3038, 0.3675



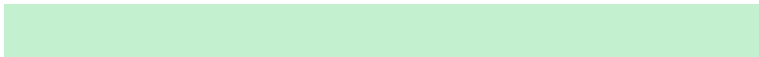
63.1841, 0.3230, 0.2933

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.



78.3785, 0.3470, 0.3135



78.3785, 0.3038, 0.3675



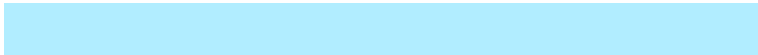
78.3785, 0.2918, 0.2837

Square

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



78.3785, 0.3038, 0.3675



78.3785, 0.2600, 0.2955



78.3785, 0.3198, 0.2945



78.3785, 0.3682, 0.3593

Rectangle

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



78.3785, 0.3038, 0.3675



78.3785, 0.2670, 0.3262



78.3785, 0.3198, 0.2945



78.3785, 0.3605, 0.3289

Sweetspot

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



78.3818, 0.3038, 0.3675



96.4914, 0.3099, 0.3404



83.0100, 0.3337, 0.3769



20.5749, 0.3095, 0.3417



0.0000, 0.0000, 0.0000



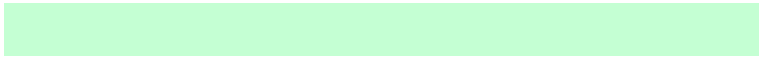
21.4041, 0.3127, 0.3290

Same Dimension

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



78.3818, 0.3038, 0.3675



87.9930, 0.3018, 0.3775



79.5270, 0.2912, 0.3422



17.7200, 0.3082, 0.3473



34.3049, 0.2921, 0.5715



2.8691, 0.2852, 0.5467

Inverse Universe

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



63.1841, 0.3230, 0.2933



67.2254, 0.3258, 0.2849



62.0323, 0.3400, 0.3162



15.9612, 0.3175, 0.3114



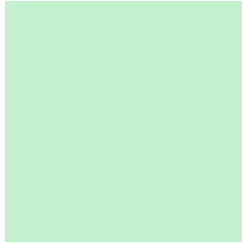
11.9918, 0.3946, 0.1947



1.0132, 0.3828, 0.1882

Previews

White Background



This preview shows how the Yxy color 78.3785, 0.3038, 0.3675 looks on a white background.

Color Contrast Check

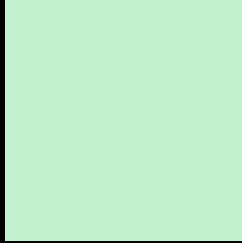
Large Text (above 18pt) WCAG AA × Fail

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 78.3785, 0.3038, 0.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

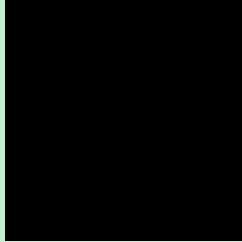
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

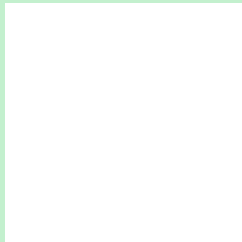
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.3785, 0.3038, 0.3675

Background



This preview shows how black text looks on a background with the Yxy color 78.3785, 0.3038, 0.3675.

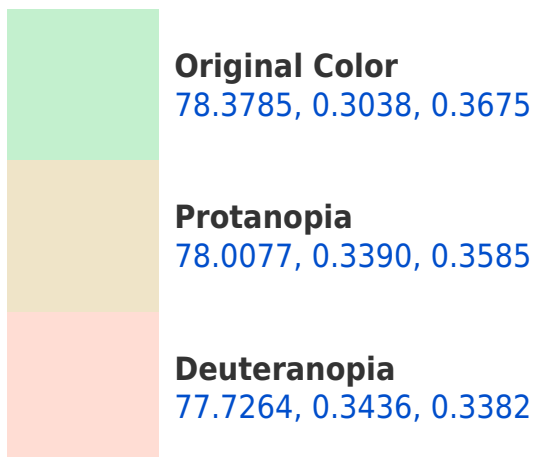


This preview shows how white text looks on a background with the Yxy color 78.3785, 0.3038, 0.3675.

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

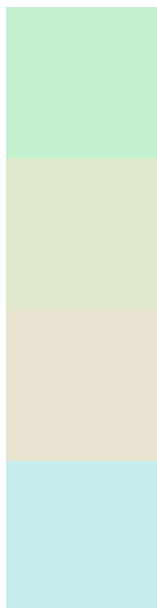




Tritanopia

78.0026, 0.2823, 0.3086

Trichromacy



Original Color

78.3785, 0.3038, 0.3675

Protanomaly

77.6655, 0.3257, 0.3616

Deuteranomaly

77.4636, 0.3280, 0.3481

Tritanomaly

78.2684, 0.2901, 0.3300

Monochromacy



Original Color

78.3785, 0.3038, 0.3675

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

75.1945, 0.3094, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3785, 0.3038, 0.3675 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(195, 240, 206)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 240, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 240, 206) }
```

Border

The CSS property to change the border of an element to Yxy 78.3785, 0.3038, 0.3675 is called "border". The border property can be set on classes, ids or directly on the HTML element.

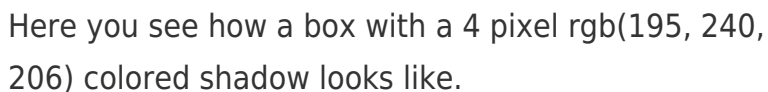
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 240, 206) }
```

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

```
.border{ border-color:rgb(195, 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(195, 240, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 240, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 240, 206);  
box-shadow:4px 4px 4px 4px rgb(195, 240,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3785, 0.3038, 0.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 240, 206) }
```

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

```
.background{ background-color: rgb(195,  
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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