

Converting Colors

$Yxy(77.1639, 0.3035, 0.3835)$

Have a look what the booklet for
Yxy(77.1639, 0.3035, 0.3835)
contains.

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Color

Yxy(76.9960, 0.3038, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	B8F1C2
RGB	184, 241, 194
RGB Percent	72%, 95%, 76%
CMY	0.2784, 0.0549, 0.2391
CMYK	0.24, 0.00, 0.19, 0.05
HSL	131°, 67%, 83%
HSV	131°, 24%, 95%
XYZ	60.9627, 76.9960, 62.7085
YIQ	218.5990, -18.8850, -26.7010

Conversions

Conversions Part 2

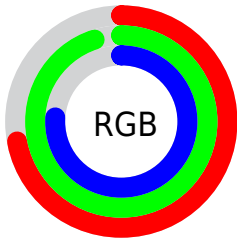
Format	Color
RYB	184, 232, 241
Decimal	12120514
CIELab	90.32, -27.08, 16.91
CIELCh	90, 31.922, 148.012
Yxy	76.9960, 0.3038, 0.3837
Android (android.graphics.Color)	4290310594 (0xFFB8F1C2)
YUV	218.5990, -12.1273, -30.3433
Hunter-Lab	87.7474, -29.5446, 19.0517

Details

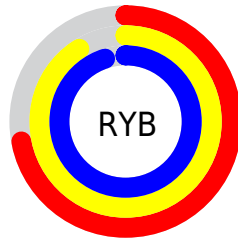
The Yxy color **76.9960, 0.3038, 0.3837** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.7490, 0.3231, 0.2799**, and the grayscale version is **70.6447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1858, 0.3064, 0.3329**, and **41.3372, 0.3015, 0.3984** is the 20% darker color. If you saturate the color by 10%, you get **73.4385, 0.3002, 0.4114**, and if you desaturate by 10%, it is **81.1862, 0.3076, 0.3587**.

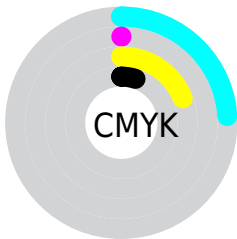
Distribution



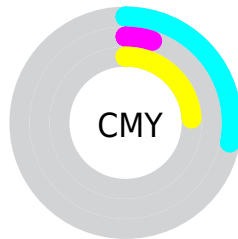
- Red (72%)
- Green (95%)
- Blue (76%)



- Red (72%)
- Yellow (91%)
- Blue (95%)



- Cyan (24%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)




- Cyan (28%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9960, 0.3038, 0.3837 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 76.9960, 0.3038, 0.3837 by changing the saturation by 10% instead.


 76.9960, 0.3038,
0.3837

 76.9960, 0.3038,
0.3837


484.7504, 0.3084,
0.3577

 57.2496, 0.3026,
0.3898

 129.1338, 0.3055,
0.3745

 41.2057, 0.3012,
0.3975


162.2941, 0.3061,
0.3710

 28.4798, 0.2992,
0.4073


200.6943, 0.3066,
0.3680

 18.6877, 0.2964,
0.4204

244.7191, 0.3071,
0.3654

 11.4448, 0.2924,
0.4386

294.7526, 0.3075,
0.3631

 6.3669, 0.2859,
0.4657

351.1794, 0.3078,

 3.0694, 0.2742,

0.3611

0.5099

414.3839, 0.3081,
0.3593

■ 1.1681, 0.2568,
0.7059

■ 0.0354, 0.0000,
1.0000

■ 76.9960, 0.3038,
0.3837

■ 76.9960, 0.3038,
0.3837

■ 73.4385, 0.3002,
0.4114

■ 81.1862, 0.3076,
0.3587

■ 70.4737, 0.2970,
0.4412

■ 86.0276, 0.3114,
0.3364

■ 68.0717, 0.2944,
0.4723

■ 91.3029, 0.3142,
0.3169

■ 66.1964, 0.2928,
0.5032

■ 91.3924, 0.3133,
0.3156

■ 64.8074, 0.2922,
0.5321

■ 63.8582, 0.2929,
0.5571

■ 63.2927, 0.2947,
0.5766

■ 63.0828, 0.2960,
0.5858

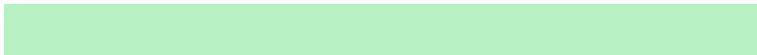
Harmonies

Analogous

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



76.9960, 0.3413, 0.3968



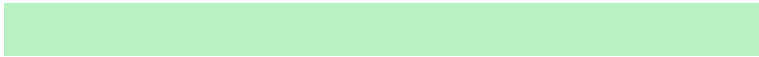
76.9960, 0.3038, 0.3837



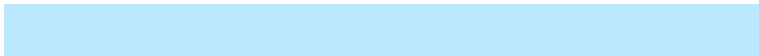
76.9960, 0.2700, 0.3528

Triad

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



76.9960, 0.3038, 0.3837



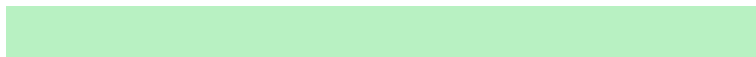
76.9960, 0.2546, 0.2699



76.9960, 0.3815, 0.3356

Complementary

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



76.9960, 0.3038, 0.3837



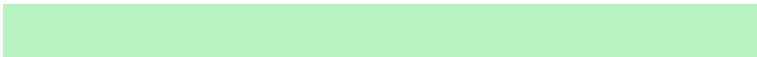
58.7490, 0.3231, 0.2799

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.



76.9960, 0.3555, 0.3056



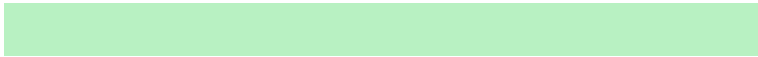
76.9960, 0.3038, 0.3837



76.9960, 0.2815, 0.2689

Square

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



76.9960, 0.3038, 0.3837



76.9960, 0.2429, 0.2861



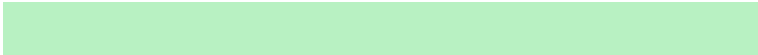
76.9960, 0.3182, 0.2819



76.9960, 0.3876, 0.3658

Rectangle

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



76.9960, 0.3038, 0.3837



76.9960, 0.2539, 0.3281



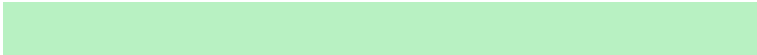
76.9960, 0.3182, 0.2819



76.9960, 0.3748, 0.3253

Sweetspot

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



76.9992, 0.3038, 0.3837



95.8591, 0.3101, 0.3436



83.4456, 0.3418, 0.3895



20.4452, 0.3099, 0.3449



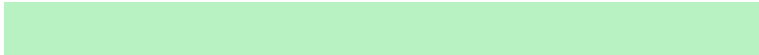
0.0000, 0.0000, 0.0000



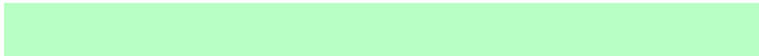
21.4041, 0.3127, 0.3290

Same Dimension

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



76.9992, 0.3038, 0.3837



85.6545, 0.3022, 0.3957



78.3765, 0.2880, 0.3505



17.7018, 0.3092, 0.3490



34.2211, 0.2955, 0.5837



2.8597, 0.2894, 0.5617

Inverse Universe

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



58.7490, 0.3231, 0.2799



61.8114, 0.3255, 0.2705



57.2933, 0.3458, 0.3086



15.9808, 0.3165, 0.3098



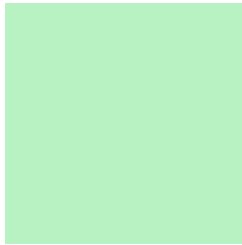
12.3840, 0.3711, 0.1818



1.0426, 0.3634, 0.1775

Previews

White Background



This preview shows how the Yxy color 76.9960, 0.3038, 0.3837 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 76.9960, 0.3038, 0.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

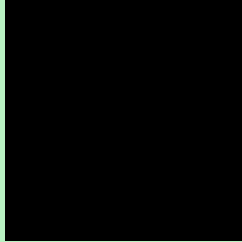
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

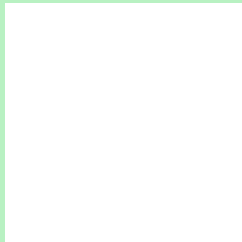
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9960, 0.3038, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 76.9960, 0.3038, 0.3837.

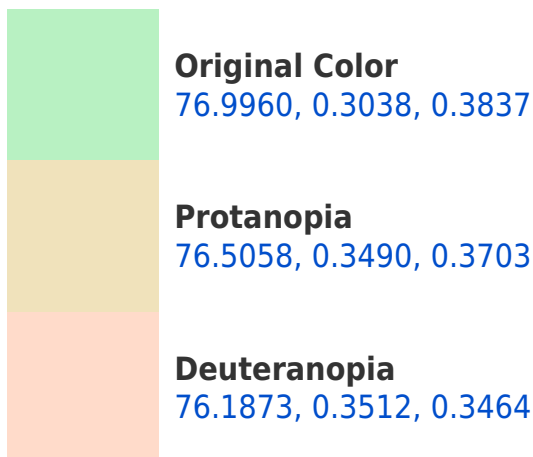


This preview shows how white text looks on a background with the Yxy color 76.9960, 0.3038, 0.3837.

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

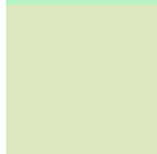
76.7754, 0.2769, 0.3083

Trichromacy



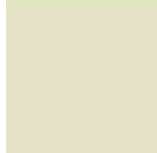
Original Color

76.9960, 0.3038, 0.3837



Protanomaly

76.0852, 0.3314, 0.3742



Deuteranomaly

75.7197, 0.3326, 0.3593



Tritanomaly

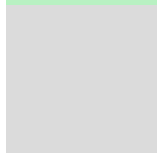
76.7076, 0.2863, 0.3345

Monochromacy



Original Color

76.9960, 0.3038, 0.3837



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

72.7131, 0.3091, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9960, 0.3038, 0.3837 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(184, 241, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 241, 194)  
}
```

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(184, 241, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 241, 194) }
```

Border

The CSS property to change the border of an element to Yxy 76.9960, 0.3038, 0.3837 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(184, 241, 194) }
```

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

```
.border{ border-color:rgb(184, 241, 194) }
```

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

Here you see how a box with a 4 pixel rgb(184, 241, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 241, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 241, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 241,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9960, 0.3038, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 241, 194) }
```

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

```
.background{ background-color: rgb(184,  
241, 194) }
```

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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