

Converting Colors

$Yxy(77.8254, 0.2978, 0.3756)$

Have a look what the booklet for
Yxy(77.8254, 0.2978, 0.3756)
contains.

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Color

Yxy(77.7136, 0.2980, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	B6F2CA
RGB	182, 242, 202
RGB Percent	71%, 95%, 79%
CMY	0.2865, 0.0509, 0.2079
CMYK	0.25, 0.00, 0.17, 0.05
HSL	140°, 70%, 83%
HSV	140°, 25%, 95%
XYZ	61.6906, 77.7136, 67.6112
YIQ	219.5000, -22.9200, -25.1600

Conversions

Conversions Part 2

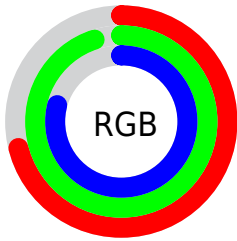
Format	Color
RYB	182, 227, 242
Decimal	11989706
CIELab	90.65, -26.78, 13.25
CIElCh	91, 29.883, 153.679
Yxy	77.7136, 0.2980, 0.3754
Android (android.graphics.Color)	4290179786 (0xFFB6F2CA)
YUV	219.5000, -8.6275, -32.8875
Hunter-Lab	88.1553, -29.3585, 16.2359

Details

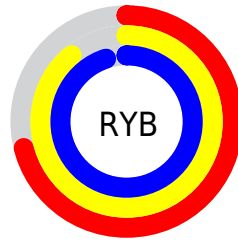
The Yxy color **77.7136, 0.2980, 0.3754** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.5836, 0.3313, 0.2868**, and the grayscale version is **71.2692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **41.8451, 0.2943, 0.3872** is the 20% darker color. If you saturate the color by 10%, you get **74.2972, 0.2926, 0.3978**, and if you desaturate by 10%, it is **81.7255, 0.3038, 0.3551**.

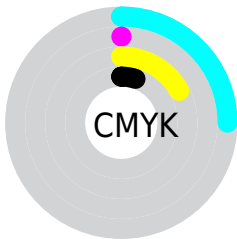
Distribution



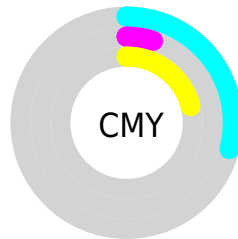
- Red (71%)
- Green (95%)
- Blue (79%)



- Red (71%)
- Yellow (89%)
- Blue (95%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)





- Cyan (29%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.7136, 0.2980, 0.3754 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 77.7136, 0.2980, 0.3754 by changing the saturation by 10% instead.

 77.7136, 0.2980,
0.3754

 77.7136, 0.2980,
0.3754

487.1936, 0.3051,
0.3534

 57.8387, 0.2963,
0.3805


 130.1463, 0.3005,
0.3677

 41.6790, 0.2942,
0.3869


163.4729, 0.3015,
0.3647

 28.8500, 0.2914,
0.3952


202.0523, 0.3023,
0.3622

 18.9674, 0.2878,
0.4061

246.2688, 0.3030,
0.3600

 11.6467, 0.2826,
0.4213

296.5067, 0.3036,
0.3580

 6.5036, 0.2747,
0.4438


353.1506, 0.3042,


 3.1537, 0.2615,


0.3563


0.4804

416.5848, 0.3047,
0.3548


 1.2125, 0.2292,
0.5954


 0.0719, 0.0000,
1.0000


 77.7136, 0.2980,
0.3754


 77.7136, 0.2980,
0.3754


 74.2972, 0.2926,
0.3978


 81.7255, 0.3038,
0.3551


 71.4379, 0.2879,
0.4220

 86.3498, 0.3098,
0.3370


 69.1079, 0.2843,
0.4475


 91.6147, 0.3158,
0.3210

 67.2730, 0.2820,
0.4736

 91.9962, 0.3133,
0.3166

 65.8946, 0.2814,
0.4992

 64.9286, 0.2826,
0.5232

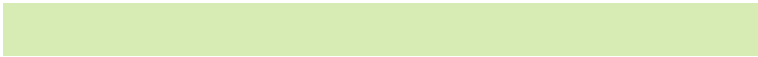
 64.3207, 0.2854,
0.5444

 64.1062, 0.2873,
0.5541

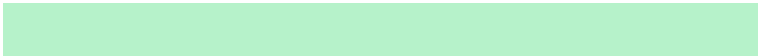
Harmonies

Analogous

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



77.7136, 0.3331, 0.3913



77.7136, 0.2980, 0.3754



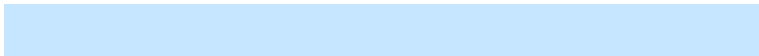
77.7136, 0.2680, 0.3448

Triad

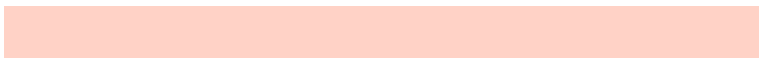
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7136, 0.2980, 0.3754



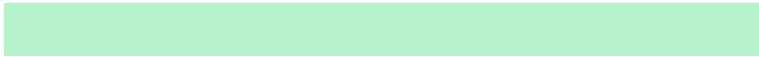
77.7136, 0.2621, 0.2724



77.7136, 0.3795, 0.3409

Complementary

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



77.7136, 0.2980, 0.3754



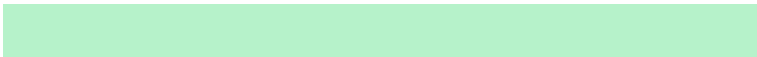
57.5836, 0.3313, 0.2868

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.



77.7136, 0.3583, 0.3122



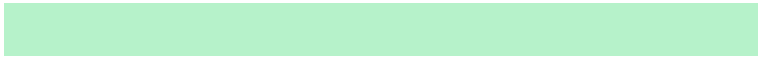
77.7136, 0.2980, 0.3754



77.7136, 0.2896, 0.2740

Square

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



77.7136, 0.2980, 0.3754



77.7136, 0.2482, 0.2851



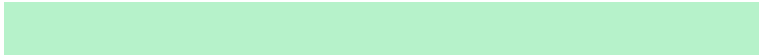
77.7136, 0.3248, 0.2883



77.7136, 0.3814, 0.3685

Rectangle

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



77.7136, 0.2980, 0.3754



77.7136, 0.2545, 0.3219



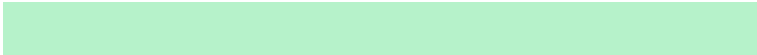
77.7136, 0.3248, 0.2883



77.7136, 0.3744, 0.3312

Sweetspot

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



77.7169, 0.2980, 0.3754



96.0277, 0.3085, 0.3408



82.4194, 0.3362, 0.3940



20.4841, 0.3081, 0.3418



0.0000, 0.0000, 0.0000



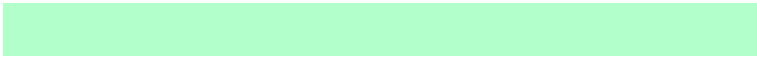
21.4041, 0.3127, 0.3290

Same Dimension

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



77.7169, 0.2980, 0.3754



85.4047, 0.2951, 0.3869



79.2802, 0.2815, 0.3401



17.7434, 0.3070, 0.3451



34.4546, 0.2864, 0.5511



2.8841, 0.2791, 0.5246

Inverse Universe

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



57.5836, 0.3313, 0.2868



58.9843, 0.3362, 0.2775



56.1144, 0.3564, 0.3182



15.9365, 0.3189, 0.3134



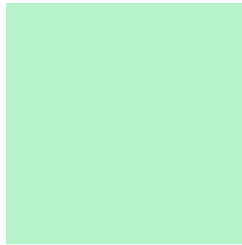
11.5551, 0.4274, 0.2128



0.9797, 0.4098, 0.2031

Previews

White Background



This preview shows how the Yxy color 77.7136, 0.2980, 0.3754 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 77.7136, 0.2980, 0.3754 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

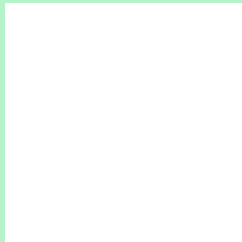
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.7136, 0.2980, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 77.7136, 0.2980, 0.3754.

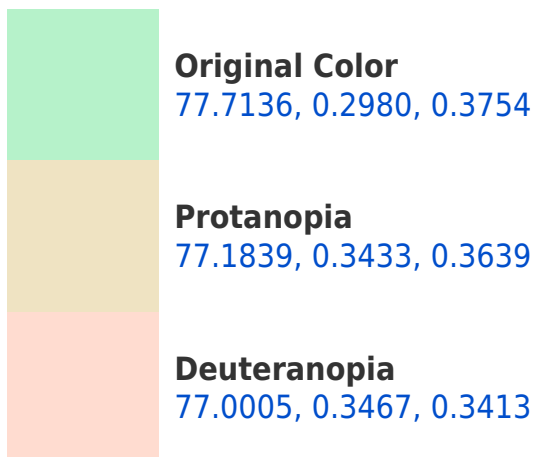


This preview shows how white text looks on a background with the Yxy color 77.7136, 0.2980, 0.3754.

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

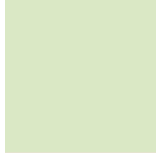
77.7789, 0.2749, 0.3084

Trichromacy



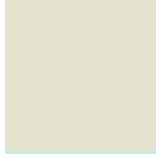
Original Color

77.7136, 0.2980, 0.3754



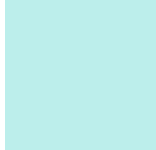
Protanomaly

76.6499, 0.3253, 0.3676



Deuteranomaly

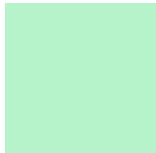
76.4370, 0.3270, 0.3527



Tritanomaly

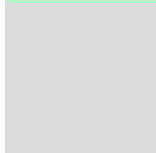
77.8386, 0.2830, 0.3323

Monochromacy



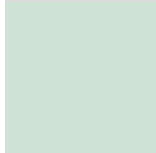
Original Color

77.7136, 0.2980, 0.3754



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

72.8641, 0.3072, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.7136, 0.2980, 0.3754 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(182, 242, 202)` looks like.

```
.text, #text, p{  
    color:rgb(182, 242, 202)  
}
```

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(182, 242, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 242, 202) }
```

Border

The CSS property to change the border of an element to Yxy 77.7136, 0.2980, 0.3754 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(182, 242, 202) }
```

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

```
.border{ border-color:rgb(182, 242, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 242, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 242, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 242, 202);  
box-shadow:4px 4px 4px 4px rgb(182, 242,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 77.7136, 0.2980, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 242, 202) }
```

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

```
.background{ background-color: rgb(182,  
242, 202) }
```

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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