

Converting Colors

$Yxy(79.2996, 0.2936, 0.3679)$

Have a look what the booklet for
Yxy(79.2996, 0.2936, 0.3679)
contains.

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Color

Yxy(79.2996, 0.2936, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	B6F4D2
RGB	182, 244, 210
RGB Percent	71%, 96%, 82%
CMY	0.2861, 0.0432, 0.1763
CMYK	0.25, 0.00, 0.14, 0.04
HSL	147°, 74%, 84%
HSV	147°, 25%, 96%
XYZ	63.2845, 79.2996, 72.9625
YIQ	221.5860, -26.0380, -23.7180

Conversions

Conversions Part 2

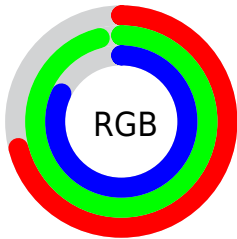
Format	Color
RYB	182, 225, 244
Decimal	11990226
CIELab	91.37, -26.19, 10.10
CIELCh	91, 28.076, 158.906
Yxy	79.2996, 0.2936, 0.3679
Android (android.graphics.Color)	4290180306 (0xFFB6F4D2)
YUV	221.5860, -5.7119, -34.7169
Hunter-Lab	89.0503, -28.9853, 13.7565

Details

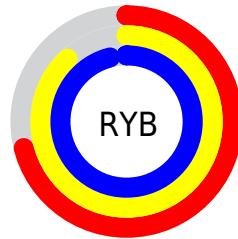
The Yxy color **79.2996, 0.2936, 0.3679** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.6625, 0.3378, 0.2932**, and the grayscale version is **72.8029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **42.9559, 0.2888, 0.3773** is the 20% darker color. If you saturate the color by 10%, you get **75.9464, 0.2869, 0.3862**, and if you desaturate by 10%, it is **83.2327, 0.3009, 0.3513**.

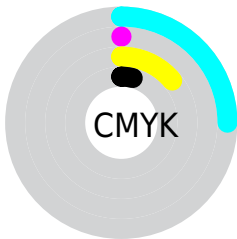
Distribution



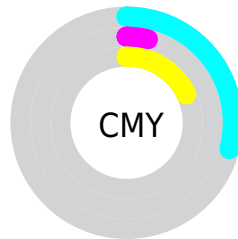
- Red (71%)
- Green (96%)
- Blue (82%)



- Red (71%)
- Yellow (88%)
- Blue (96%)



- Cyan (25%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)





- Cyan (29%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2996, 0.2936, 0.3679 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 79.2996, 0.2936, 0.3679 by changing the saturation by 10% instead.


 79.2996, 0.2936,
0.3679

 79.2996, 0.2936,
0.3679


492.5693, 0.3026,
0.3496

 59.1422, 0.2915,
0.3721


 132.3806, 0.2967,
0.3615

 42.7276, 0.2889,
0.3774


166.0729, 0.2979,
0.3590

 29.6714, 0.2857,
0.3841


205.0456, 0.2990,
0.3569

 19.5893, 0.2813,
0.3930

249.6831, 0.2999,
0.3551

 12.0969, 0.2753,
0.4053

300.3699, 0.3007,
0.3535

 6.8097, 0.2665,
0.4233


357.4902, 0.3014,


 3.3434, 0.2524,


0.3520


421.4286, 0.3020,
0.3508


0.4523


 1.3135, 0.2197,
0.5183


 0.1516, 0.0000,
1.0000


 79.2996, 0.2936,
0.3679


 79.2996, 0.2936,
0.3679


 75.9464, 0.2869,
0.3862


 83.2327, 0.3009,
0.3513


 73.1350, 0.2810,
0.4059

 87.7621, 0.3085,
0.3364

 70.8380, 0.2765,
0.4268

 92.8704, 0.3161,
0.3231

 69.0217, 0.2735,
0.4485

 93.1783, 0.3132,
0.3185

■ 67.6480, 0.2724,
0.4702

■ 66.6726, 0.2732,
0.4913

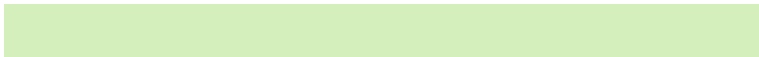
■ 66.0414, 0.2760,
0.5111

■ 65.8292, 0.2777,
0.5197

Harmonies

Analogous

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



79.2996, 0.3262, 0.3857



79.2996, 0.2936, 0.3679



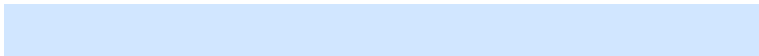
79.2996, 0.2670, 0.3382

Triad

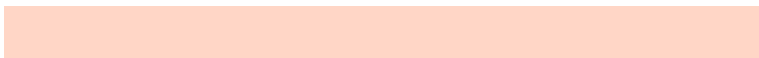
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2996, 0.2936, 0.3679



79.2996, 0.2691, 0.2753



79.2996, 0.3767, 0.3451

Complementary

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



79.2996, 0.2936, 0.3679



57.6625, 0.3378, 0.2932

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.



79.2996, 0.3598, 0.3179



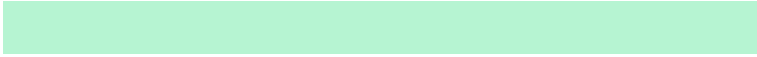
79.2996, 0.2936, 0.3679



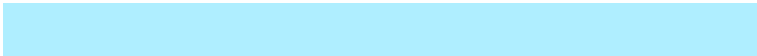
79.2996, 0.2966, 0.2789

Square

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



79.2996, 0.2936, 0.3679



79.2996, 0.2535, 0.2850



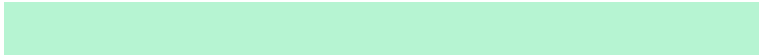
79.2996, 0.3299, 0.2943



79.2996, 0.3752, 0.3700

Rectangle

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



79.2996, 0.2936, 0.3679



79.2996, 0.2559, 0.3171



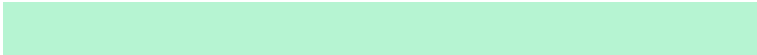
79.2996, 0.3299, 0.2943



79.2996, 0.3729, 0.3360

Sweetspot

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



79.3029, 0.2936, 0.3679



95.6347, 0.3065, 0.3401



82.6938, 0.3318, 0.3967



20.3046, 0.3054, 0.3423



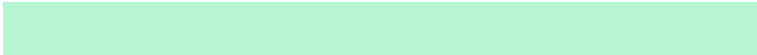
0.0000, 0.0000, 0.0000



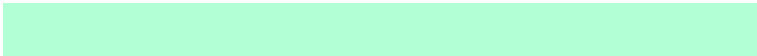
21.4041, 0.3127, 0.3290

Same Dimension

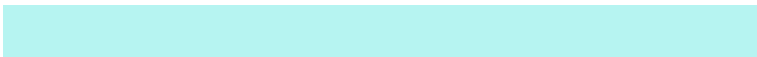
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3029, 0.2936, 0.3679



85.8515, 0.2904, 0.3763



80.9929, 0.2770, 0.3323



18.5965, 0.3054, 0.3423



35.8227, 0.2769, 0.5167



3.1689, 0.2702, 0.4925

Inverse Universe

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



57.6625, 0.3378, 0.2932



58.4907, 0.3437, 0.2863



56.2130, 0.3641, 0.3258



16.6346, 0.3207, 0.3161



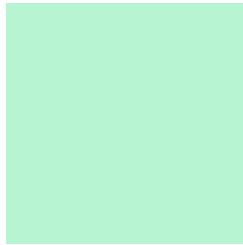
11.4182, 0.4757, 0.2394



1.0243, 0.4509, 0.2257

Previews

White Background



This preview shows how the Yxy color 79.2996, 0.2936, 0.3679 looks on a white background.

Color Contrast Check

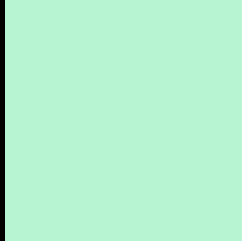
Large Text (above 18pt) WCAG AA × Fail

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 79.2996, 0.2936, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

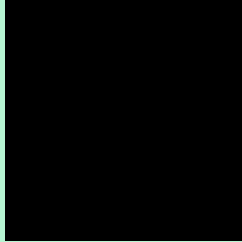
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

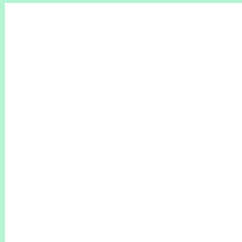
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2996, 0.2936, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 79.2996, 0.2936, 0.3679.

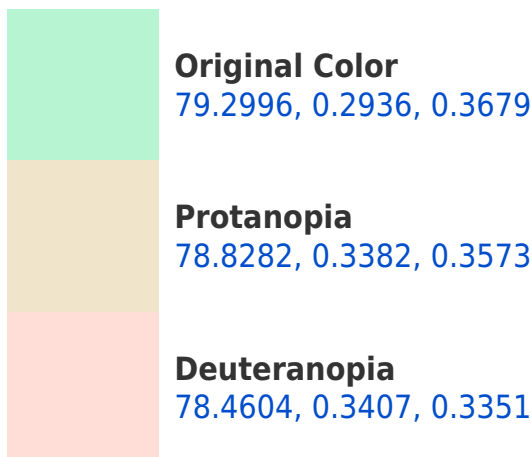


This preview shows how white text looks on a background with the Yxy color 79.2996, 0.2936, 0.3679.

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

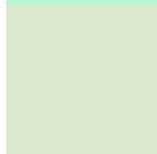
79.1258, 0.2751, 0.3095

Trichromacy



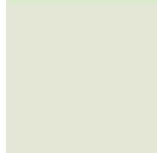
Original Color

79.2996, 0.2936, 0.3679



Protanomaly

78.3135, 0.3207, 0.3606



Deuteranomaly

77.9426, 0.3216, 0.3461



Tritanomaly

79.3710, 0.2816, 0.3300

Monochromacy



Original Color

79.2996, 0.2936, 0.3679



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

74.9210, 0.3047, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2996, 0.2936, 0.3679 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, 244, 210)` looks like.

```
.text, #text, p{  
    color:rgb(182, 244, 210)  
}
```

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, 244, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 244, 210) }
```

Border

The CSS property to change the border of an element to Yxy 79.2996, 0.2936, 0.3679 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, 244, 210) }
```

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

```
.border{ border-color:rgb(182, 244, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 244, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 244, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 244, 210);  
box-shadow:4px 4px 4px 4px rgb(182, 244,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2996, 0.2936, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 244, 210) }
```

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

```
.background{ background-color: rgb(182,  
244, 210) }
```

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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