

Converting Colors

$Yxy(79.2749, 0.2955, 0.3769)$

Have a look what the booklet for
Yxy(79.2749, 0.2955, 0.3769)
contains.

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Color

Yxy(79.2482, 0.2952, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	B3F5CC
RGB	179, 245, 204
RGB Percent	70%, 96%, 80%
CMY	0.2978, 0.0392, 0.2000
CMYK	0.27, 0.00, 0.17, 0.04
HSL	143°, 77%, 83%
HSV	143°, 27%, 96%
XYZ	62.1521, 79.2482, 69.1422
YIQ	220.5920, -26.1750, -26.7430

Conversions

Conversions Part 2

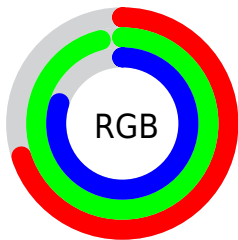
Format	Color
RYB	179, 227, 245
Decimal	11793868
CIELab	91.35, -28.71, 13.17
CIElCh	91, 31.592, 155.354
Yxy	79.2482, 0.2952, 0.3764
Android (android.graphics.Color)	4289983948 (0xFFB3F5CC)
YUV	220.5920, -8.1799, -36.4762
Hunter-Lab	89.0215, -31.1641, 16.2650

Details

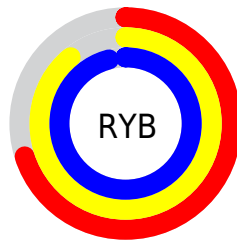
The Yxy color **79.2482, 0.2952, 0.3764** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.8487, 0.3356, 0.2860**, and the grayscale version is **72.0879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **42.5284, 0.2908, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **75.8900, 0.2894, 0.3976**, and if you desaturate by 10%, it is **83.2032, 0.3015, 0.3571**.

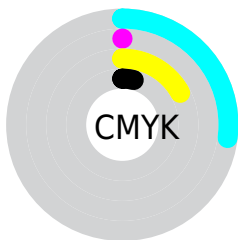
Distribution



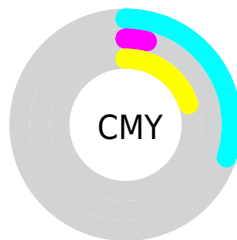
- Red (70%)
- Green (96%)
- Blue (80%)



- Red (70%)
- Yellow (89%)
- Blue (96%)



- Cyan (27%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)





- Cyan (30%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2482, 0.2952, 0.3764 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 79.2482, 0.2952, 0.3764 by changing the saturation by 10% instead.


 79.2482, 0.2952,
0.3764

 79.2482, 0.2952,
0.3764

492.3956, 0.3036,
0.3540

 59.0999, 0.2932,
0.3816


 132.3082, 0.2981,
0.3686

 42.6935, 0.2908,
0.3881


165.9887, 0.2993,
0.3655

 29.6447, 0.2876,
0.3964


204.9488, 0.3002,
0.3629

 19.5691, 0.2834,
0.4075

249.5727, 0.3011,
0.3607

 12.0822, 0.2774,
0.4228

300.2450, 0.3018,
0.3587

 6.7997, 0.2686,
0.4454


357.3499, 0.3025,


 3.3371, 0.2541,


0.3570


0.4819


421.2720, 0.3030,
0.3554


 1.3102, 0.2191,
0.5824


 0.1491, 0.0000,
1.0000


 79.2482, 0.2952,
0.3764


 79.2482, 0.2952,
0.3764


 75.8900, 0.2894,
0.3976

 83.2032, 0.3015,
0.3571


 73.0891, 0.2845,
0.4204

 87.7725, 0.3081,
0.3398

 70.8169, 0.2808,
0.4444

 92.9849, 0.3148,
0.3245

 69.0377, 0.2786,
0.4689

 93.7806, 0.3132,
0.3194

■ 67.7115, 0.2782,
0.4931

■ 66.7916, 0.2796,
0.5158

■ 66.2189, 0.2828,
0.5363

■ 66.0844, 0.2839,
0.5421

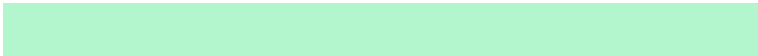
Harmonies

Analogous

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



79.2482, 0.3320, 0.3942



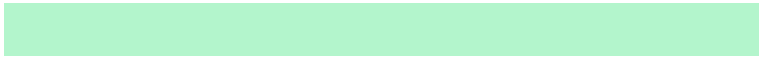
79.2482, 0.2952, 0.3764



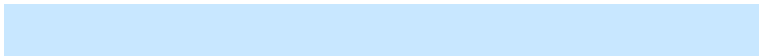
79.2482, 0.2643, 0.3435

Triad

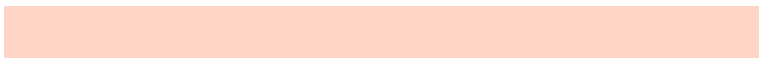
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2482, 0.2952, 0.3764



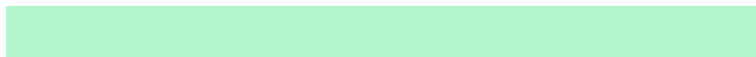
79.2482, 0.2609, 0.2694



79.2482, 0.3836, 0.3430

Complementary

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



79.2482, 0.2952, 0.3764



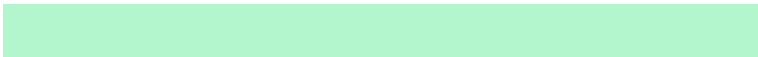
56.8487, 0.3356, 0.2860

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.



79.2482, 0.3623, 0.3129



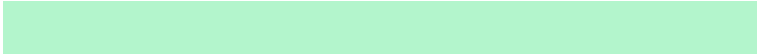
79.2482, 0.2952, 0.3764



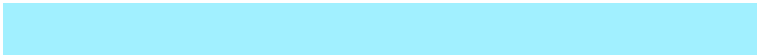
79.2482, 0.2903, 0.2719

Square

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



79.2482, 0.2952, 0.3764



79.2482, 0.2455, 0.2817



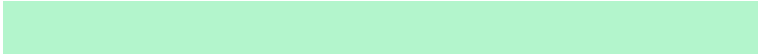
79.2482, 0.3275, 0.2876



79.2482, 0.3843, 0.3717

Rectangle

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



79.2482, 0.2952, 0.3764



79.2482, 0.2508, 0.3194



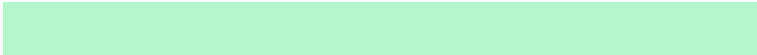
79.2482, 0.3275, 0.2876



79.2482, 0.3786, 0.3328

Sweetspot

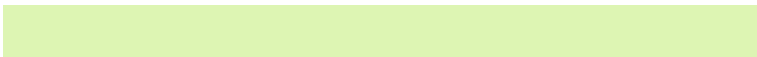
The Sweet Spot groups the original color and five complimentary colors.



79.2515, 0.2952, 0.3764



95.5438, 0.3074, 0.3416



83.9018, 0.3366, 0.4003



20.2818, 0.3064, 0.3441



0.0000, 0.0000, 0.0000



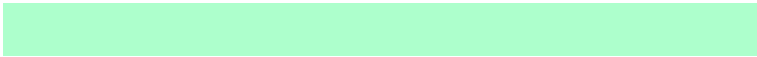
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2515, 0.2952, 0.3764



84.8217, 0.2921, 0.3871



80.9601, 0.2779, 0.3387



18.5757, 0.3064, 0.3441



35.6281, 0.2831, 0.5391



3.1507, 0.2761, 0.5140

Inverse Universe

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



56.8487, 0.3356, 0.2860



56.6905, 0.3413, 0.2775



55.3026, 0.3633, 0.3197



16.6558, 0.3196, 0.3144



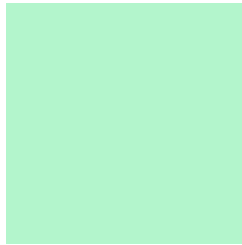
11.7134, 0.4452, 0.2226



1.0494, 0.4254, 0.2117

Previews

White Background



This preview shows how the Yxy color 79.2482, 0.2952, 0.3764 looks on a white background.

Color Contrast Check

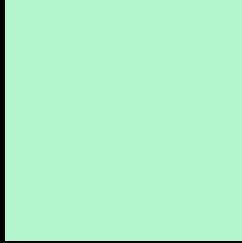
Large Text (above 18pt) WCAG AA × Fail

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 79.2482, 0.2952, 0.3764 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

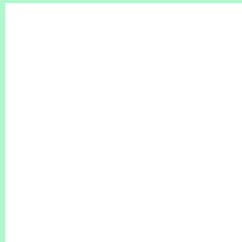
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2482, 0.2952, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 79.2482, 0.2952, 0.3764.

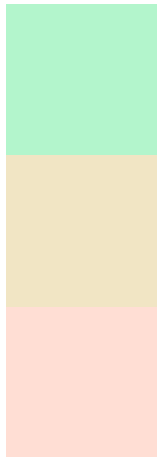


This preview shows how white text looks on a background with the Yxy color 79.2482, 0.2952, 0.3764.

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

79.2482, 0.2952, 0.3764

Protanopia

78.7249, 0.3430, 0.3636

Deuteranopia

78.2560, 0.3435, 0.3392



Tritanopia

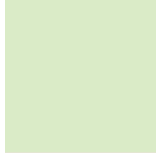
78.9948, 0.2745, 0.3095

Trichromacy



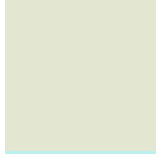
Original Color

79.2482, 0.2952, 0.3764



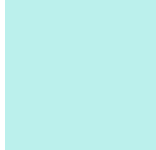
Protanomaly

78.4456, 0.3237, 0.3684



Deuteranomaly

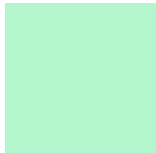
77.5280, 0.3241, 0.3516



Tritanomaly

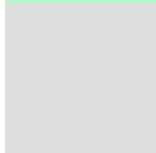
78.9411, 0.2821, 0.3334

Monochromacy



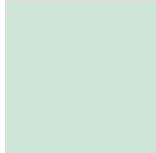
Original Color

79.2482, 0.2952, 0.3764



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

74.6217, 0.3058, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2482, 0.2952, 0.3764 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(179, 245, 204)` looks like.

```
.text, #text, p{  
    color:rgb(179, 245, 204)  
}
```

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(179, 245, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 245, 204) }
```

Border

The CSS property to change the border of an element to Yxy 79.2482, 0.2952, 0.3764 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(179, 245, 204) }
```

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

```
.border{ border-color:rgb(179, 245, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 245, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 245, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 245, 204);  
box-shadow:4px 4px 4px 4px rgb(179, 245,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2482, 0.2952, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 245, 204) }
```

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

```
.background{ background-color: rgb(179,  
245, 204) }
```

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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