

Converting Colors

$Yxy(78.9893, 0.2890, 0.3625)$

Have a look what the booklet for
Yxy(78.9893, 0.2890, 0.3625)
contains.

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Color

Yxy(79.0726, 0.2885, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	B2F4D7
RGB	178, 244, 215
RGB Percent	70%, 96%, 84%
CMY	0.3019, 0.0431, 0.1567
CMYK	0.27, 0.00, 0.12, 0.04
HSL	154°, 75%, 83%
HSV	154°, 27%, 96%
XYZ	62.9830, 79.0726, 76.2564
YIQ	220.9600, -30.0270, -23.0110

Conversions

Conversions Part 2

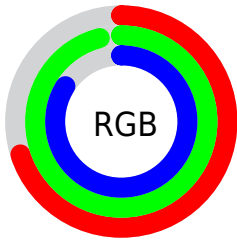
Format	Color
RYB	178, 220, 244
Decimal	11728087
CIELab	91.27, -26.45, 7.33
CIELCh	91, 27.445, 164.503
Yxy	79.0726, 0.2885, 0.3622
Android (android.graphics.Color)	4289918167 (0xFFB2F4D7)
YUV	220.9600, -2.9383, -37.6759
Hunter-Lab	88.9228, -29.1853, 11.4014

Details

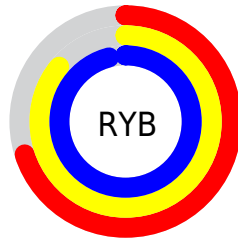
The Yxy color **79.0726, 0.2885, 0.3622** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.5854, 0.3459, 0.2982**, and the grayscale version is **72.3195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **42.7896, 0.2833, 0.3714** is the 20% darker color. If you saturate the color by 10%, you get **75.9085, 0.2807, 0.3768**, and if you desaturate by 10%, it is **82.7926, 0.2971, 0.3488**.

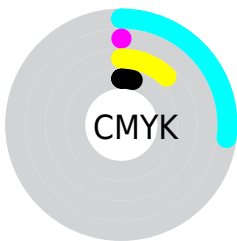
Distribution



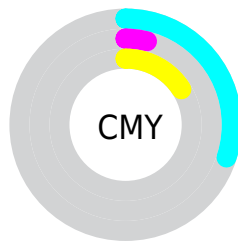
- Red (70%)
- Green (96%)
- Blue (84%)



- Red (70%)
- Yellow (86%)
- Blue (96%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)




- Cyan (30%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0726, 0.2885, 0.3622 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 79.0726, 0.2885, 0.3622 by changing the saturation by 10% instead.


 79.0726, 0.2885,
0.3622

 79.0726, 0.2885,
0.3622


491.8019, 0.2997,
0.3467

 58.9555, 0.2859,
0.3658

 132.0611, 0.2924,
0.3568

 42.5773, 0.2828,
0.3702


165.7012, 0.2939,
0.3547

 29.5536, 0.2787,
0.3759


204.6178, 0.2952,
0.3529

 19.5000, 0.2735,
0.3834

249.1953, 0.2963,
0.3513

 12.0321, 0.2663,
0.3936

299.8181, 0.2973,
0.3500

 6.7656, 0.2560,
0.4087

356.8705, 0.2982,

 3.3159, 0.2397,

0.3487

0.4327

420.7370, 0.2990,
0.3477

■ 1.2988, 0.2012,
0.4839

■ 0.1403, 0.0000,
1.0000

■ 79.0726, 0.2885,
0.3622

■ 79.0726, 0.2885,
0.3622

■ 75.9085, 0.2807,
0.3768

■ 82.7926, 0.2971,
0.3488

■ 73.2626, 0.2739,
0.3925

■ 87.0847, 0.3062,
0.3367

■ 71.1077, 0.2686,
0.4091

■ 91.9761, 0.3155,
0.3259

■ 69.4103, 0.2651,
0.4263

■ 93.1804, 0.3132,
0.3185

■ 68.1321, 0.2635,
0.4437

■ 67.2285, 0.2640,
0.4609

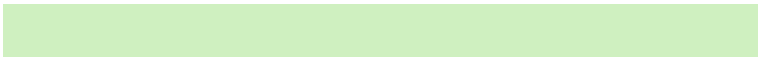
■ 66.6423, 0.2664,
0.4775

■ 66.5035, 0.2673,
0.4823

Harmonies

Analogous

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



79.0726, 0.3199, 0.3824



79.0726, 0.2885, 0.3622



79.0726, 0.2643, 0.3322

Triad

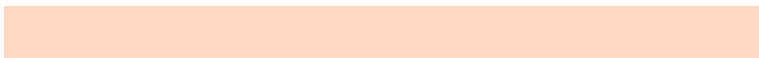
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0726, 0.2885, 0.3622



79.0726, 0.2743, 0.2761



79.0726, 0.3764, 0.3497

Complementary

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



79.0726, 0.2885, 0.3622



55.5854, 0.3459, 0.2982

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.



79.0726, 0.3630, 0.3230



79.0726, 0.2885, 0.3622



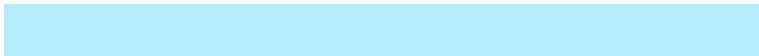
79.0726, 0.3029, 0.2820

Square

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



79.0726, 0.2885, 0.3622



79.0726, 0.2565, 0.2831



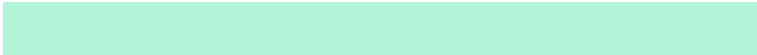
79.0726, 0.3356, 0.2988



79.0726, 0.3716, 0.3729

Rectangle

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



79.0726, 0.2885, 0.3622



79.0726, 0.2551, 0.3120



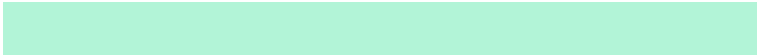
79.0726, 0.3356, 0.2988



79.0726, 0.3739, 0.3409

Sweetspot

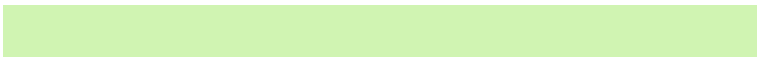
The Sweet Spot groups the original color and five complimentary colors.



79.0759, 0.2885, 0.3622



95.7708, 0.3053, 0.3379



81.2834, 0.3284, 0.4025



20.3389, 0.3039, 0.3396



0.0000, 0.0000, 0.0000



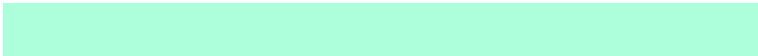
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0759, 0.2885, 0.3622



85.5739, 0.2844, 0.3694



78.7316, 0.2729, 0.3252



18.6278, 0.3039, 0.3396



36.1895, 0.2666, 0.4797



3.2013, 0.2608, 0.4590

Inverse Universe

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



55.5854, 0.3459, 0.2982



55.9151, 0.3542, 0.2921



55.6253, 0.3705, 0.3328



16.6034, 0.3225, 0.3187



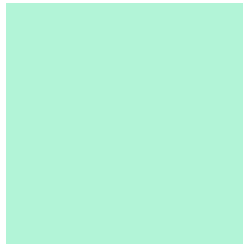
11.0627, 0.5218, 0.2648



0.9926, 0.4905, 0.2476

Previews

White Background



This preview shows how the Yxy color 79.0726, 0.2885, 0.3622 looks on a white background.

Color Contrast Check

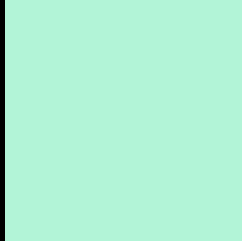
Large Text (above 18pt) WCAG AA × Fail

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 79.0726, 0.2885, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

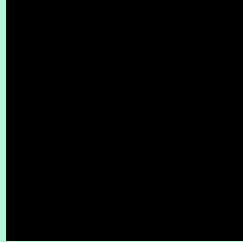
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0726, 0.2885, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 79.0726, 0.2885, 0.3622.

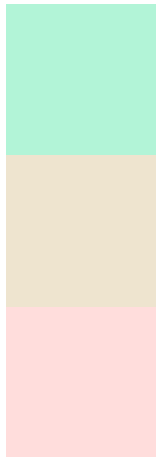


This preview shows how white text looks on a background with the Yxy color 79.0726, 0.2885, 0.3622.

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

79.0726, 0.2885, 0.3622

Protanopia

78.1689, 0.3336, 0.3511

Deuteranopia

78.1402, 0.3380, 0.3301



Tritanopia

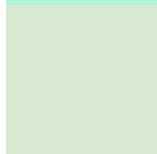
78.7355, 0.2734, 0.3094

Trichromacy



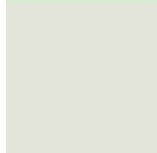
Original Color

79.0726, 0.2885, 0.3622



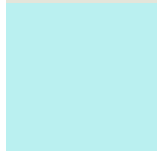
Protanomaly

78.0977, 0.3155, 0.3552



Deuteranomaly

77.4315, 0.3184, 0.3407



Tritanomaly

79.0506, 0.2793, 0.3289

Monochromacy



Original Color

79.0726, 0.2885, 0.3622



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

74.1322, 0.3027, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0726, 0.2885, 0.3622 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(178, 244, 215)` looks like.

```
.text, #text, p{  
    color:rgb(178, 244, 215)  
}
```

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(178, 244, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 244, 215) }
```

Border

The CSS property to change the border of an element to Yxy 79.0726, 0.2885, 0.3622 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(178, 244, 215) }
```

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

```
.border{ border-color:rgb(178, 244, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 244, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 244, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 244, 215);  
box-shadow:4px 4px 4px 4px rgb(178, 244,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0726, 0.2885, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 244, 215) }
```

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

```
.background{ background-color: rgb(178,  
244, 215) }
```

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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