

Converting Colors

$Yxy(78.6834, 0.2942, 0.3748)$

Have a look what the booklet for
Yxy(78.6834, 0.2942, 0.3748)
contains.

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Color

Yxy(78.5741, 0.2940, 0.3742)

Conversions

Conversions Part 1

Format	Color
Hex	B2F4CD
RGB	178, 244, 205
RGB Percent	70%, 96%, 80%
CMY	0.3019, 0.0431, 0.1961
CMYK	0.27, 0.00, 0.16, 0.04
HSL	145°, 75%, 83%
HSV	145°, 27%, 96%
XYZ	61.7338, 78.5741, 69.6710
YIQ	219.8200, -26.8170, -26.1210

Conversions

Conversions Part 2

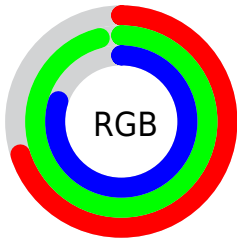
Format	Color
RYB	178, 225, 244
Decimal	11728077
CIELab	91.04, -28.37, 12.21
CIELCh	91, 30.890, 156.716
Yxy	78.5741, 0.2940, 0.3742
Android (android.graphics.Color)	4289918157 (0xFFB2F4CD)
YUV	219.8200, -7.3063, -36.6761
Hunter-Lab	88.6420, -30.8091, 15.4486

Details

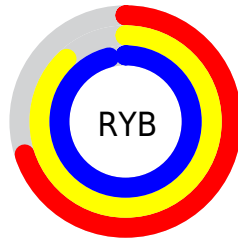
The Yxy color **78.5741, 0.2940, 0.3742** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.0936, 0.3374, 0.2878**, and the grayscale version is **71.5088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **42.4859, 0.2894, 0.3857** is the 20% darker color. If you saturate the color by 10%, you get **75.2780, 0.2879, 0.3943**, and if you desaturate by 10%, it is **82.4543, 0.3007, 0.3559**.

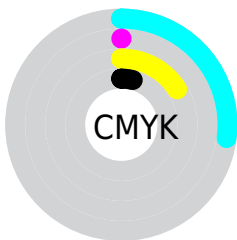
Distribution



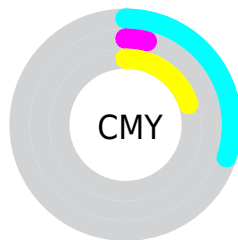
- Red (70%)
- Green (96%)
- Blue (80%)



- Red (70%)
- Yellow (88%)
- Blue (96%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.5741, 0.2940, 0.3742 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 78.5741, 0.2940, 0.3742 by changing the saturation by 10% instead.

 78.5741, 0.2940,
0.3742

 78.5741, 0.2940,
0.3742


490.1144, 0.3029,
0.3529

 58.5457, 0.2919,
0.3792

 131.3591, 0.2971,
0.3667

 42.2475, 0.2893,
0.3854

164.8845, 0.2983,
0.3638

 29.2952, 0.2860,
0.3933


203.6777, 0.2994,
0.3613

 19.3042, 0.2815,
0.4039

248.1231, 0.3003,
0.3592

 11.8903, 0.2753,
0.4185

298.6050, 0.3010,
0.3573

 6.6690, 0.2661,
0.4401


355.5080, 0.3017,


 3.2560, 0.2511,


0.3557


0.4752


419.2163, 0.3023,
0.3542


 1.2668, 0.2120,
0.5724


 0.1153, 0.0000,
1.0000


 78.5741, 0.2940,
0.3742


 78.5741, 0.2940,
0.3742


 75.2780, 0.2879,
0.3943

 82.4543, 0.3007,
0.3559


 72.5273, 0.2827,
0.4159

 86.9356, 0.3077,
0.3395

 70.2936, 0.2787,
0.4387

 92.0464, 0.3148,
0.3249

 68.5422, 0.2763,
0.4621

 93.1818, 0.3132,
0.3185

■ 67.2337, 0.2758,
0.4852

■ 66.3221, 0.2772,
0.5073

■ 65.7489, 0.2803,
0.5275

■ 65.6177, 0.2814,
0.5330

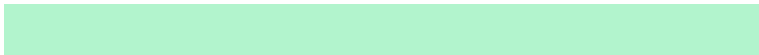
Harmonies

Analogous

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



78.5741, 0.3301, 0.3925



78.5741, 0.2940, 0.3742



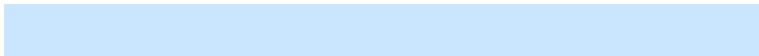
78.5741, 0.2641, 0.3416

Triad

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



78.5741, 0.2940, 0.3742



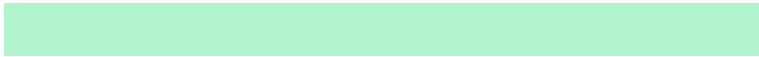
78.5741, 0.2630, 0.2703



78.5741, 0.3827, 0.3442

Complementary

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



78.5741, 0.2940, 0.3742



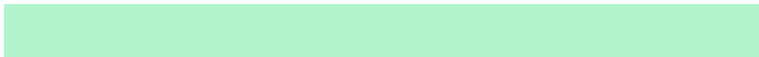
56.0936, 0.3374, 0.2878

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.



78.5741, 0.3627, 0.3146



78.5741, 0.2940, 0.3742



78.5741, 0.2923, 0.2734

Square

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



78.5741, 0.2940, 0.3742



78.5741, 0.2471, 0.2818



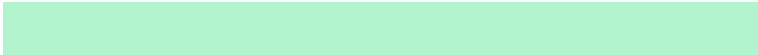
78.5741, 0.3289, 0.2893



78.5741, 0.3824, 0.3720

Rectangle

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



78.5741, 0.2940, 0.3742



78.5741, 0.2513, 0.3181



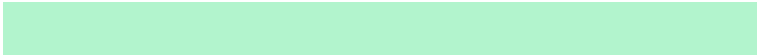
78.5741, 0.3289, 0.2893



78.5741, 0.3781, 0.3342

Sweetspot

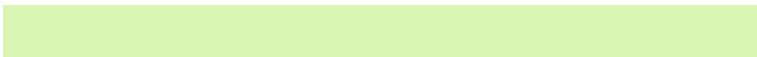
The Sweet Spot groups the original color and five complimentary colors.



78.5774, 0.2940, 0.3742



95.5817, 0.3070, 0.3410



82.7623, 0.3352, 0.4010



20.2913, 0.3060, 0.3434



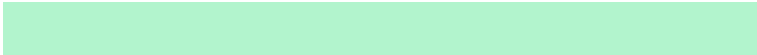
0.0000, 0.0000, 0.0000



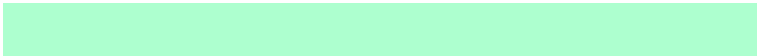
21.4041, 0.3127, 0.3290

Same Dimension

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



78.5774, 0.2940, 0.3742



84.9436, 0.2908, 0.3841



80.3074, 0.2766, 0.3363



18.5844, 0.3060, 0.3433



35.7046, 0.2806, 0.5301



3.1580, 0.2737, 0.5052

Inverse Universe

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



56.0936, 0.3374, 0.2878



56.5549, 0.3434, 0.2799



54.5696, 0.3655, 0.3220



16.6469, 0.3201, 0.3151



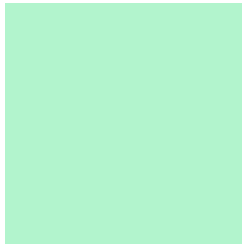
11.5843, 0.4578, 0.2296



1.0385, 0.4359, 0.2175

Previews

White Background



This preview shows how the Yxy color 78.5741, 0.2940, 0.3742 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 78.5741, 0.2940, 0.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

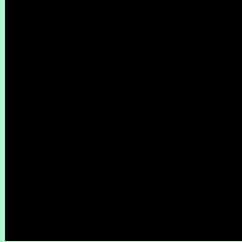
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

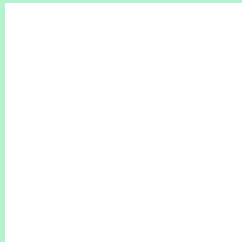
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5741, 0.2940, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 78.5741, 0.2940, 0.3742.

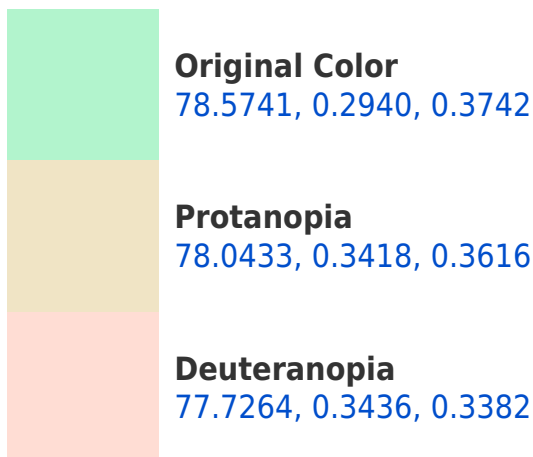


This preview shows how white text looks on a background with the Yxy color 78.5741, 0.2940, 0.3742.

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

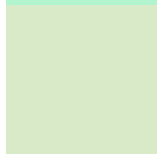
78.6072, 0.2729, 0.3094

Trichromacy



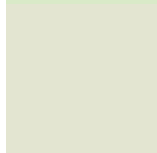
Original Color

78.5741, 0.2940, 0.3742



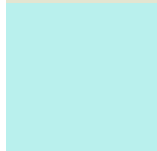
Protanomaly

77.7675, 0.3225, 0.3663



Deuteranomaly

76.9730, 0.3242, 0.3505



Tritanomaly

78.7489, 0.2804, 0.3322

Monochromacy



Original Color

78.5741, 0.2940, 0.3742



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.9241, 0.3052, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5741, 0.2940, 0.3742 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(178, 244, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 244, 205) }
```

Border

The CSS property to change the border of an element to Yxy 78.5741, 0.2940, 0.3742 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, 205) }
```

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

```
.border{ border-color:rgb(178, 244, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 244, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 244, 205);  
box-shadow:4px 4px 4px 4px rgb(178, 244,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5741, 0.2940, 0.3742 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, 205) }
```

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

```
.background{ background-color: rgb(178,  
244, 205) }
```

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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