

Converting Colors

$Yxy(75.7401, 0.2983, 0.3919)$

Have a look what the booklet for
Yxy(75.7401, 0.2983, 0.3919)
contains.

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Color

Yxy(75.8363, 0.2987, 0.3923)

Conversions

Conversions Part 1

Format	Color
Hex	ABF2BD
RGB	171, 242, 189
RGB Percent	67%, 95%, 74%
CMY	0.3291, 0.0510, 0.2589
CMYK	0.29, 0.00, 0.22, 0.05
HSL	135°, 73%, 81%
HSV	135°, 29%, 95%
XYZ	57.7423, 75.8363, 59.7334
YIQ	214.7290, -25.3030, -31.5350

Conversions

Conversions Part 2

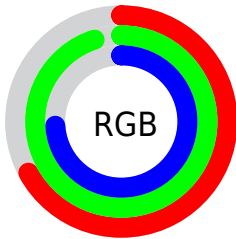
Format	Color
RYB	171, 228, 242
Decimal	11268797
CIELab	89.78, -32.49, 18.66
CIElCh	90, 37.470, 150.133
Yxy	75.8363, 0.2987, 0.3923
Android (android.graphics.Color)	4289458877 (0xFFABF2BD)
YUV	214.7290, -12.6844, -38.3503
Hunter-Lab	87.0840, -34.0401, 20.2901

Details

The Yxy color **75.8363, 0.2987, 0.3923** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.4138, 0.3306, 0.2732**, and the grayscale version is **67.8730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6066, 0.3019, 0.3390**, and **40.6773, 0.2945, 0.4083** is the 20% darker color. If you saturate the color by 10%, you get **72.6278, 0.2945, 0.4185**, and if you desaturate by 10%, it is **79.6466, 0.3034, 0.3683**.

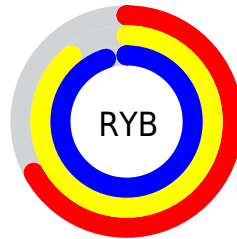
Distribution



Red (67%)

Green (95%)

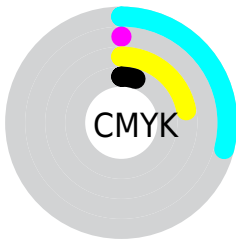
Blue (74%)



Red (67%)

Yellow (89%)

Blue (95%)

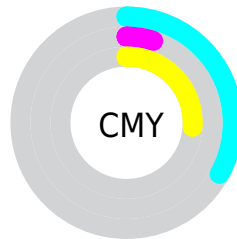


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (5%)



Cyan (33%)


Magenta (5%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8363, 0.2987, 0.3923 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 75.8363, 0.2987, 0.3923 by changing the saturation by 10% instead.

 75.8363, 0.2987,
0.3923

 75.8363, 0.2987,
0.3923


480.7871, 0.3058,
0.3619

 56.2983, 0.2969,
0.3995

 127.4955, 0.3013,
0.3816

 40.4421, 0.2947,
0.4085


160.3854, 0.3022,
0.3774

 27.8834, 0.2917,
0.4202

198.4948, 0.3031,
0.3739

 18.2378, 0.2875,
0.4358

242.2081, 0.3038,
0.3709

 11.1209, 0.2814,
0.4577

291.9095, 0.3044,
0.3682

 6.1482, 0.2717,
0.4905


347.9836, 0.3049,

 2.9354, 0.2545,

0.3659

0.5444

410.8146, 0.3054,
0.3638

 1.0981, 0.1770,
0.8230


 0.0000, 0.0000,
0.0000

 75.8363, 0.2987,
0.3923


 75.8363, 0.2987,
0.3923

 72.6278, 0.2945,
0.4185


 79.6466, 0.3034,
0.3683


 69.9808, 0.2909,
0.4464

 84.0777, 0.3082,
0.3468

 67.8649, 0.2884,
0.4752

 89.1594, 0.3130,
0.3278

 66.2429, 0.2872,
0.5036

 91.9799, 0.3133,
0.3165

■ 65.0726, 0.2875,
0.5300

■ 64.3043, 0.2893,
0.5531

■ 63.8629, 0.2922,
0.5715

■ 63.8384, 0.2924,
0.5727

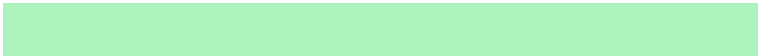
Harmonies

Analogous

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



75.8363, 0.3429, 0.4093



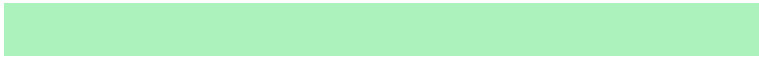
75.8363, 0.2987, 0.3923



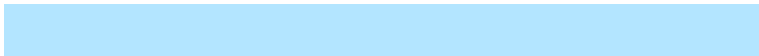
75.8363, 0.2601, 0.3539

Triad

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



75.8363, 0.2987, 0.3923



75.8363, 0.2465, 0.2592



75.8363, 0.3954, 0.3386

Complementary

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



75.8363, 0.2987, 0.3923



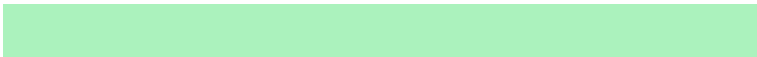
53.4138, 0.3306, 0.2732

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.



75.8363, 0.3659, 0.3038



75.8363, 0.2987, 0.3923



75.8363, 0.2786, 0.2596

Square

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



75.8363, 0.2987, 0.3923



75.8363, 0.2317, 0.2763



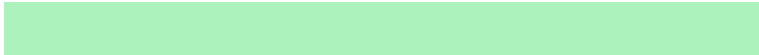
75.8363, 0.3222, 0.2757



75.8363, 0.4005, 0.3736

Rectangle

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



75.8363, 0.2987, 0.3923



75.8363, 0.2423, 0.3243



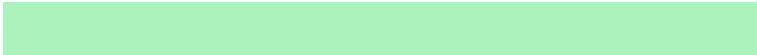
75.8363, 0.3222, 0.2757



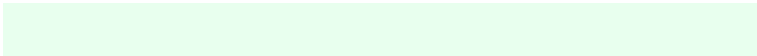
75.8363, 0.3880, 0.3266

Sweetspot

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



75.8395, 0.2987, 0.3923



94.8484, 0.3083, 0.3462



82.3320, 0.3444, 0.4055



20.1353, 0.3076, 0.3492



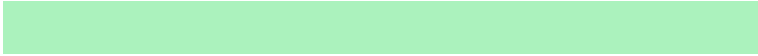
0.0000, 0.0000, 0.0000



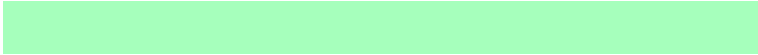
21.4041, 0.3127, 0.3290

Same Dimension

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



75.8395, 0.2987, 0.3923



83.2440, 0.2962, 0.4072



77.5617, 0.2795, 0.3493



17.7219, 0.3081, 0.3471



34.3154, 0.2917, 0.5700



2.8702, 0.2847, 0.5450

Inverse Universe

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



53.4138, 0.3306, 0.2732



54.2932, 0.3352, 0.2620



51.6937, 0.3617, 0.3098



15.9592, 0.3177, 0.3115



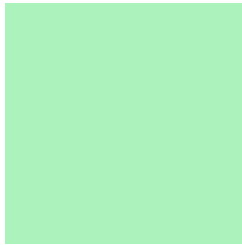
11.9530, 0.3972, 0.1962



1.0103, 0.3849, 0.1894

Previews

White Background



This preview shows how the Yxy color 75.8363, 0.2987, 0.3923 looks on a white background.

Color Contrast Check

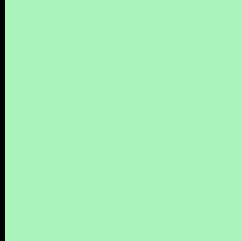
Large Text (above 18pt) WCAG AA × Fail

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 75.8363, 0.2987, 0.3923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

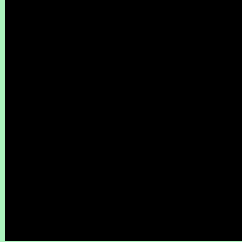
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.8363, 0.2987, 0.3923

Background



This preview shows how black text looks on a background with the Yxy color 75.8363, 0.2987, 0.3923.

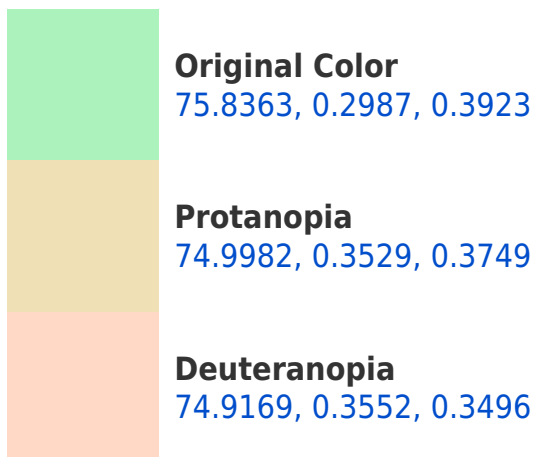


This preview shows how white text looks on a background with the Yxy color 75.8363, 0.2987, 0.3923.

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

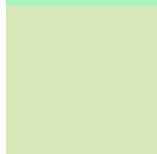
75.3734, 0.2706, 0.3079

Trichromacy



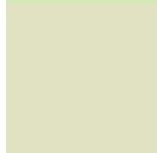
Original Color

75.8363, 0.2987, 0.3923



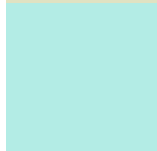
Protanomaly

74.9087, 0.3310, 0.3817



Deuteranomaly

74.1350, 0.3324, 0.3641



Tritanomaly

75.2318, 0.2809, 0.3369

Monochromacy



Original Color

75.8363, 0.2987, 0.3923



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.4488, 0.3069, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8363, 0.2987, 0.3923 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(171, 242, 189)` looks like.

```
.text, #text, p{  
    color:rgb(171, 242, 189)  
}
```

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(171, 242, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 242, 189) }
```

Border

The CSS property to change the border of an element to Yxy 75.8363, 0.2987, 0.3923 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(171, 242, 189) }
```

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

```
.border{ border-color:rgb(171, 242, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 242, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 242, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 242, 189);  
box-shadow:4px 4px 4px 4px rgb(171, 242,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8363, 0.2987, 0.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 242, 189) }
```

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

```
.background{ background-color: rgb(171,  
242, 189) }
```

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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