

Converting Colors

$Yxy(74.0915, 0.2922, 0.3688)$

Have a look what the booklet for
Yxy(74.0915, 0.2922, 0.3688)
contains.

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Color

Yxy(73.9267, 0.2919, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	AEEDCC
RGB	174, 237, 204
RGB Percent	68%, 93%, 80%
CMY	0.3177, 0.0706, 0.1999
CMYK	0.27, 0.00, 0.14, 0.07
HSL	149°, 64%, 81%
HSV	149°, 27%, 93%
XYZ	58.6391, 73.9267, 68.3219
YIQ	214.4010, -26.9550, -23.6190

Conversions

Conversions Part 2

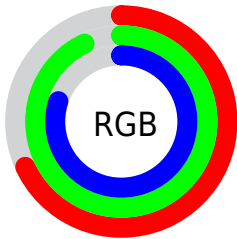
Format	Color
RYB	174, 217, 237
Decimal	11464140
CIELab	88.89, -26.45, 9.62
CIElCh	89, 28.146, 160.020
Yxy	73.9267, 0.2919, 0.3680
Android (android.graphics.Color)	4289654220 (0xFFAEEDCC)
YUV	214.4010, -5.1277, -35.4317
Hunter-Lab	85.9806, -28.7284, 13.0734

Details

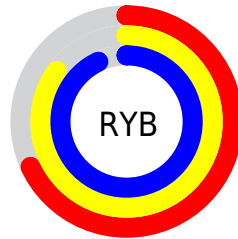
The Yxy color **73.9267, 0.2919, 0.3680** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.7764, 0.3405, 0.2931**, and the grayscale version is **67.5794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **39.2428, 0.2866, 0.3778** is the 20% darker color. If you saturate the color by 10%, you get **70.8720, 0.2850, 0.3855**, and if you desaturate by 10%, it is **77.5152, 0.2995, 0.3520**.

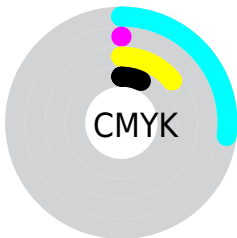
Distribution



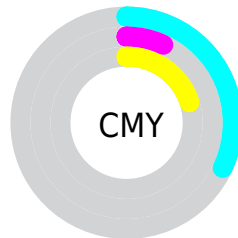
- Red (68%)
- Green (93%)
- Blue (80%)



- Red (68%)
- Yellow (85%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)





- Cyan (32%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9267, 0.2919, 0.3680 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 73.9267, 0.2919, 0.3680 by changing the saturation by 10% instead.


 73.9267, 0.2919,
0.3680

 73.9267, 0.2919,
0.3680

474.2203, 0.3018,
0.3495

 54.7340, 0.2896,
0.3724


 124.7919, 0.2954,
0.3615

 39.1888, 0.2867,
0.3778


157.2332, 0.2967,
0.3590

 26.9067, 0.2830,
0.3848


194.8596, 0.2978,
0.3568

 17.5031, 0.2781,
0.3942

238.0553, 0.2988,
0.3550

 10.5939, 0.2712,
0.4073

287.2049, 0.2997,
0.3533

 5.7944, 0.2610,
0.4268


342.6927, 0.3005,

 2.7205, 0.2443,

0.3519

404.9030, 0.3012,
0.3506


0.4592


 0.9876, 0.1727,
0.5893


 0.0000, 0.0000,
0.0000


 73.9267, 0.2919,
0.3680


 73.9267, 0.2919,
0.3680


 70.8720, 0.2850,
0.3855

 77.5152, 0.2995,
0.3520


 68.3155, 0.2790,
0.4044

 81.6527, 0.3074,
0.3376

 66.2317, 0.2744,
0.4244

 86.3651, 0.3155,
0.3248

 64.5887, 0.2714,
0.4450

 88.9641, 0.3144,
0.3130

■ 63.3509, 0.2704,
0.4658

■ 89.0514, 0.3135,
0.3117

■ 62.4764, 0.2713,
0.4860

■ 61.9129, 0.2742,
0.5050

■ 61.7632, 0.2753,
0.5112

Harmonies

Analogous

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



73.9267, 0.3253, 0.3869



73.9267, 0.2919, 0.3680



73.9267, 0.2651, 0.3372

Triad

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



73.9267, 0.2919, 0.3680



73.9267, 0.2688, 0.2738



73.9267, 0.3787, 0.3464

Complementary

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



73.9267, 0.2919, 0.3680



52.7764, 0.3405, 0.2931

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.



73.9267, 0.3620, 0.3186



73.9267, 0.2919, 0.3680



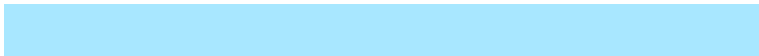
73.9267, 0.2974, 0.2781

Square

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



73.9267, 0.2919, 0.3680



73.9267, 0.2524, 0.2832



73.9267, 0.3316, 0.2942



73.9267, 0.3764, 0.3718

Rectangle

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



73.9267, 0.2919, 0.3680



73.9267, 0.2540, 0.3156



73.9267, 0.3316, 0.2942



73.9267, 0.3751, 0.3371

Sweetspot

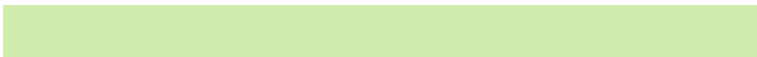
The Sweet Spot groups the original color and five complimentary colors.



73.9298, 0.2919, 0.3680



95.6655, 0.3062, 0.3396



76.9786, 0.3318, 0.4002



20.3124, 0.3050, 0.3417



0.0000, 0.0000, 0.0000



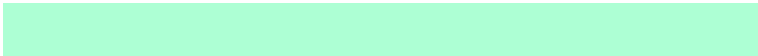
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9298, 0.2919, 0.3680



85.2184, 0.2880, 0.3775



75.5614, 0.2750, 0.3313



16.9818, 0.3051, 0.3416



33.7449, 0.2745, 0.5083



2.6691, 0.2673, 0.4822

Inverse Universe

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



52.7764, 0.3405, 0.2931



56.2639, 0.3482, 0.2853



51.4112, 0.3681, 0.3268



15.1857, 0.3211, 0.3167



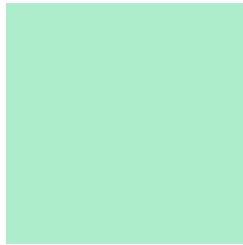
10.6514, 0.4858, 0.2450



0.8558, 0.4567, 0.2289

Previews

White Background



This preview shows how the Yxy color 73.9267, 0.2919, 0.3680 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 73.9267, 0.2919, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

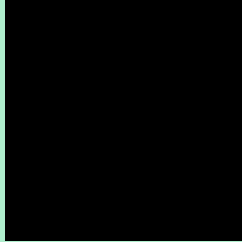
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

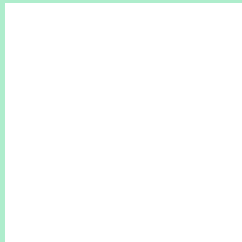
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9267, 0.2919, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 73.9267, 0.2919, 0.3680.

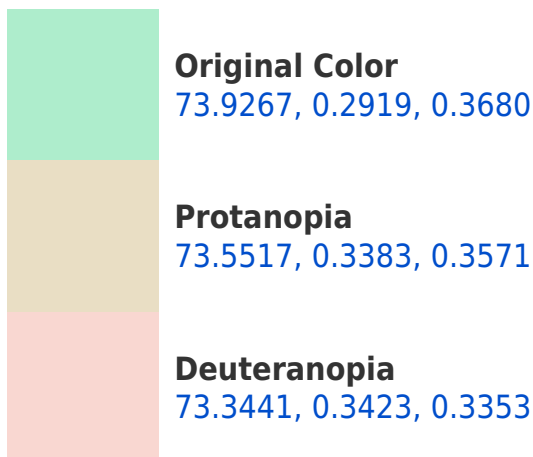


This preview shows how white text looks on a background with the Yxy color 73.9267, 0.2919, 0.3680.

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

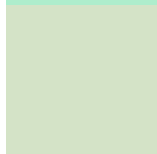
74.0587, 0.2720, 0.3089

Trichromacy



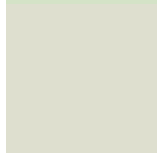
Original Color

73.9267, 0.2919, 0.3680



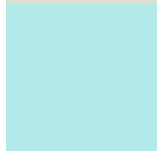
Protanomaly

73.0587, 0.3203, 0.3604



Deuteranomaly

72.8099, 0.3226, 0.3466



Tritanomaly

73.8643, 0.2791, 0.3289

Monochromacy



Original Color

73.9267, 0.2919, 0.3680



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.0378, 0.3044, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9267, 0.2919, 0.3680 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(174, 237, 204)` looks like.

```
.text, #text, p{  
    color:rgb(174, 237, 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(174, 237, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 237, 204) }
```

Border

The CSS property to change the border of an element to Yxy 73.9267, 0.2919, 0.3680 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(174, 237, 204) }
```

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

```
.border{ border-color:rgb(174, 237, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 237, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 237, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 237, 204);  
box-shadow:4px 4px 4px 4px rgb(174, 237,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9267, 0.2919, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 237, 204) }
```

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

```
.background{ background-color: rgb(174,  
237, 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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