

Converting Colors

$Yxy(73.4905, 0.3021, 0.3998)$

Have a look what the booklet for
Yxy(73.4905, 0.3021, 0.3998)
contains.

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Color

Yxy(73.5042, 0.3019, 0.3994)

Conversions

Conversions Part 1

Format	Color
Hex	A9EFB5
RGB	169, 239, 181
RGB Percent	66%, 94%, 71%
CMY	0.3374, 0.0627, 0.2902
CMYK	0.29, 0.00, 0.24, 0.06
HSL	130°, 69%, 80%
HSV	130°, 29%, 94%
XYZ	55.5606, 73.5042, 54.9717
YIQ	211.4580, -23.1020, -32.8780

Conversions

Conversions Part 2

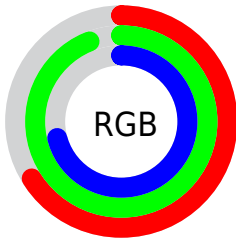
Format	Color
RYB	169, 229, 239
Decimal	11136949
CIELab	88.69, -33.17, 21.24
CIELCh	89, 39.391, 147.366
Yxy	73.5042, 0.3019, 0.3994
Android (android.graphics.Color)	4289327029 (0xFFA9EFB5)
YUV	211.4580, -15.0158, -37.2357
Hunter-Lab	85.7346, -34.3579, 21.9984

Details

The Yxy color **73.5042, 0.3019, 0.3994** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.2556, 0.3259, 0.2676**, and the grayscale version is **65.5677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8032, 0.3051, 0.3473**, and **39.0703, 0.2985, 0.4180** is the 20% darker color. If you saturate the color by 10%, you get **70.3463, 0.2985, 0.4285**, and if you desaturate by 10%, it is **77.2669, 0.3055, 0.3727**.

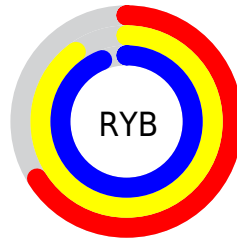
Distribution



Red (66%)

Green (94%)

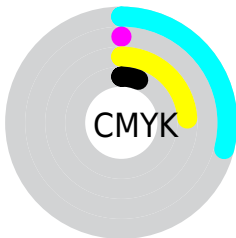
Blue (71%)



Red (66%)

Yellow (90%)

Blue (94%)

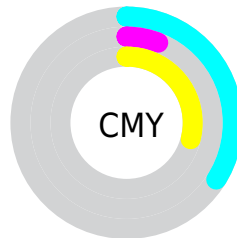


Cyan (29%)

Magenta (0%)

Yellow (24%)

Black (6%)



Cyan (34%)

Magenta (6%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5042, 0.3019, 0.3994 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 73.5042, 0.3019, 0.3994 by changing the saturation by 10% instead.

 73.5042, 0.3019,
0.3994

 73.5042, 0.3019,
0.3994


472.7604, 0.3077,
0.3654

 54.3883, 0.3004,
0.4075


 124.1927, 0.3041,
0.3873

 38.9122, 0.2984,
0.4178


156.5342, 0.3049,
0.3827

 26.6914, 0.2957,
0.4311


194.0530, 0.3055,
0.3787

 17.3416, 0.2918,
0.4489

237.1334, 0.3061,
0.3753

 10.4784, 0.2859,
0.4741

286.1600, 0.3066,
0.3724

 5.7173, 0.2761,
0.5121


341.5171, 0.3070,

 2.6739, 0.2581,

0.3697


0.5764


403.5891, 0.3074,
0.3674


 0.9640, 0.0977,
0.9023


 0.0000, 0.0000,
0.0000


 73.5042, 0.3019,
0.3994

 73.5042, 0.3019,
0.3994

 70.3463, 0.2985,
0.4285


 77.2669, 0.3055,
0.3727


 67.7526, 0.2957,
0.4593

 81.6539, 0.3093,
0.3488

 65.6923, 0.2936,
0.4906

 86.6954, 0.3130,
0.3276

 64.1275, 0.2926,
0.5207

 90.2216, 0.3134,
0.3136

■ 63.0154, 0.2927,
0.5476

■ 62.3057, 0.2940,
0.5696

■ 61.9226, 0.2961,
0.5854

■ 61.9023, 0.2962,
0.5863

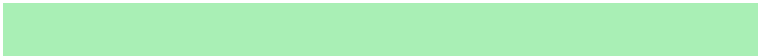
Harmonies

Analogous

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



73.5042, 0.3486, 0.4147



73.5042, 0.3019, 0.3994



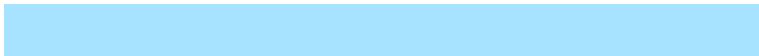
73.5042, 0.2601, 0.3598

Triad

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



73.5042, 0.3019, 0.3994



73.5042, 0.2404, 0.2560



73.5042, 0.3988, 0.3353

Complementary

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



73.5042, 0.3019, 0.3994



52.2556, 0.3259, 0.2676

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.



73.5042, 0.3653, 0.2991



73.5042, 0.3019, 0.3994



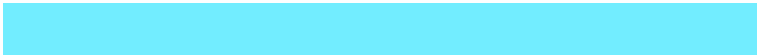
73.5042, 0.2727, 0.2550

Square

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



73.5042, 0.3019, 0.3994



73.5042, 0.2267, 0.2756



73.5042, 0.3181, 0.2706



73.5042, 0.4066, 0.3727

Rectangle

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



73.5042, 0.3019, 0.3994



73.5042, 0.2402, 0.3281



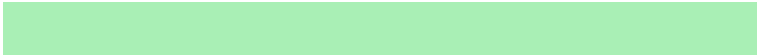
73.5042, 0.3181, 0.2706



73.5042, 0.3901, 0.3228

Sweetspot

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



73.5073, 0.3019, 0.3994



94.7400, 0.3094, 0.3481



80.9902, 0.3486, 0.4044



20.1088, 0.3088, 0.3514



0.0000, 0.0000, 0.0000



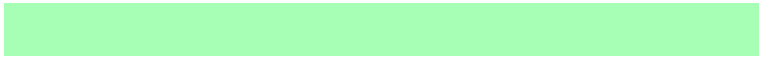
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5073, 0.3019, 0.3994



82.9400, 0.2999, 0.4161



75.1116, 0.2826, 0.3564



17.7007, 0.3092, 0.3491



34.2169, 0.2956, 0.5843



2.8592, 0.2896, 0.5626

Inverse Universe

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



52.2556, 0.3259, 0.2676



54.7126, 0.3291, 0.2554



50.5305, 0.3563, 0.3034



15.9820, 0.3164, 0.3097



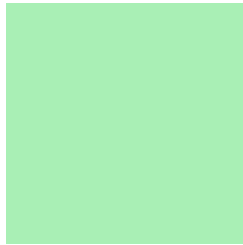
12.4093, 0.3698, 0.1811



1.0445, 0.3622, 0.1769

Previews

White Background



This preview shows how the Yxy color 73.5042, 0.3019, 0.3994 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 73.5042, 0.3019, 0.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

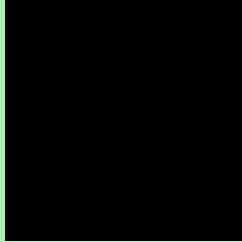
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5042, 0.3019, 0.3994

Background



This preview shows how black text looks on a background with the Yxy color 73.5042, 0.3019, 0.3994.



This preview shows how white text looks on a background with the Yxy color 73.5042, 0.3019, 0.3994.

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

73.5042, 0.3019, 0.3994

Protanopia

72.5629, 0.3569, 0.3809

Deuteranopia

72.4364, 0.3636, 0.3559



Tritanopia

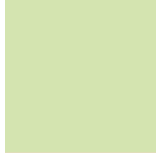
73.3160, 0.2718, 0.3088

Trichromacy



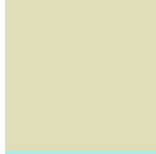
Original Color

73.5042, 0.3019, 0.3994



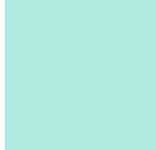
Protanomaly

72.6184, 0.3352, 0.3881



Deuteranomaly

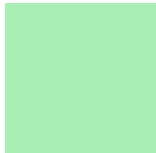
71.5926, 0.3392, 0.3700



Tritanomaly

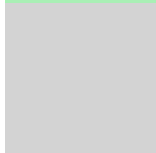
73.0068, 0.2823, 0.3393

Monochromacy



Original Color

73.5042, 0.3019, 0.3994



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.6188, 0.3087, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5042, 0.3019, 0.3994 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(169, 239, 181)` looks like.

```
.text, #text, p{  
    color:rgb(169, 239, 181)  
}
```

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(169, 239, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 239, 181) }
```

Border

The CSS property to change the border of an element to Yxy 73.5042, 0.3019, 0.3994 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(169, 239, 181) }
```

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

```
.border{ border-color:rgb(169, 239, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 239, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 239, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 239, 181); box-shadow:4px 4px 4px 4px rgb(169, 239, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5042, 0.3019, 0.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 239, 181) }
```

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

```
.background{ background-color: rgb(169,  
239, 181) }
```

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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