

Converting Colors

$Yxy(72.9254, 0.3019, 0.4017)$

Have a look what the booklet for
Yxy(72.9254, 0.3019, 0.4017)
contains.

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Color

Yxy(73.2032, 0.3018, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	A7EFB3
RGB	167, 239, 179
RGB Percent	65%, 94%, 70%
CMY	0.3453, 0.0627, 0.2981
CMYK	0.30, 0.00, 0.25, 0.06
HSL	130°, 69%, 80%
HSV	130°, 30%, 94%
XYZ	54.9297, 73.2032, 53.8741
YIQ	210.6320, -23.6520, -33.9240

Conversions

Conversions Part 2

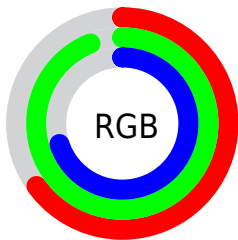
Format	Color
RYB	167, 229, 239
Decimal	11005875
CIELab	88.54, -34.14, 22.06
CIELCh	89, 40.652, 147.131
Yxy	73.2032, 0.3018, 0.4022
Android (android.graphics.Color)	4289195955 (0xFFA7EFB3)
YUV	210.6320, -15.5946, -38.2653
Hunter-Lab	85.5589, -35.1291, 22.5579

Details

The Yxy color **73.2032, 0.3018, 0.4022** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **51.5162, 0.3261, 0.2655**, and the grayscale version is **64.9962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3655, 0.3050, 0.3494**, and **38.8840, 0.2984, 0.4218** is the 20% darker color. If you saturate the color by 10%, you get **70.0920, 0.2985, 0.4317**, and if you desaturate by 10%, it is **76.9178, 0.3054, 0.3751**.

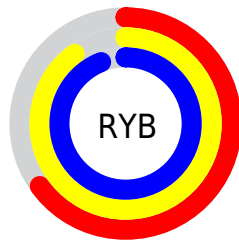
Distribution



Red (65%)

Green (94%)

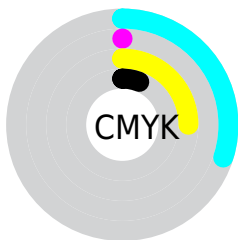
Blue (70%)



Red (65%)

Yellow (90%)

Blue (94%)

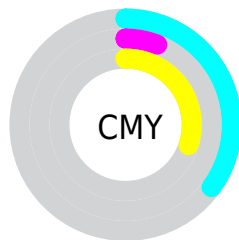


Cyan (30%)

Magenta (0%)

Yellow (25%)

Black (6%)



Cyan (35%)


Magenta (6%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2032, 0.3018, 0.4022 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 73.2032, 0.3018, 0.4022 by changing the saturation by 10% instead.


 73.2032, 0.3018,
0.4022


 73.2032, 0.3018,
0.4022


471.7188, 0.3077,
0.3667

 54.1421, 0.3002,
0.4107


 123.7656, 0.3040,
0.3896

 38.7153, 0.2982,
0.4214

 156.0358, 0.3048,
0.3848

 26.5383, 0.2953,
0.4353


193.4778, 0.3055,
0.3806

 17.2268, 0.2913,
0.4540

236.4760, 0.3061,
0.3771

 10.3963, 0.2851,
0.4803

285.4148, 0.3066,
0.3740

 5.6625, 0.2748,
0.5202


340.6786, 0.3070,

 2.6410, 0.2563,


0.3713


0.5891


402.6518, 0.3074,
0.3689


 0.9473, 0.0647,
0.9353


 0.0000, 0.0000,
0.0000


 73.2032, 0.3018,
0.4022


 73.2032, 0.3018,
0.4022


 70.0920, 0.2985,
0.4317


 76.9178, 0.3054,
0.3751


 67.5436, 0.2958,
0.4627

 81.2558, 0.3090,
0.3508

 65.5265, 0.2938,
0.4941

 86.2476, 0.3127,
0.3293

 64.0026, 0.2928,
0.5241

 90.2225, 0.3134,
0.3136

■ 62.9283, 0.2931,
0.5506

■ 62.2524, 0.2944,
0.5720

■ 61.8952, 0.2964,
0.5870

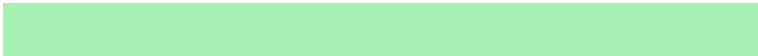
Harmonies

Analogous

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



73.2032, 0.3500, 0.4177



73.2032, 0.3018, 0.4022



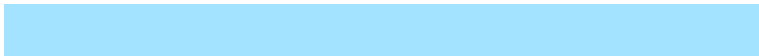
73.2032, 0.2586, 0.3612

Triad

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



73.2032, 0.3018, 0.4022



73.2032, 0.2380, 0.2538



73.2032, 0.4015, 0.3351

Complementary

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



73.2032, 0.3018, 0.4022



51.5162, 0.3261, 0.2655

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.



73.2032, 0.3667, 0.2979



73.2032, 0.3018, 0.4022



73.2032, 0.2710, 0.2527

Square

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



73.2032, 0.3018, 0.4022



73.2032, 0.2240, 0.2740



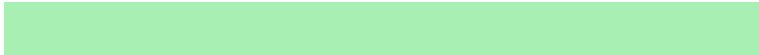
73.2032, 0.3178, 0.2686



73.2032, 0.4098, 0.3736

Rectangle

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



73.2032, 0.3018, 0.4022



73.2032, 0.2381, 0.3283



73.2032, 0.3178, 0.2686



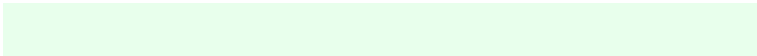
73.2032, 0.3924, 0.3222

Sweetspot

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



73.2063, 0.3018, 0.4022



94.7336, 0.3094, 0.3482



80.8621, 0.3496, 0.4066



20.1072, 0.3089, 0.3516



0.0000, 0.0000, 0.0000



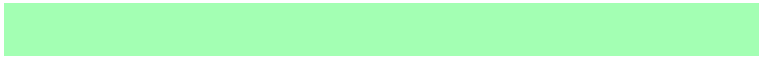
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2063, 0.3018, 0.4022



82.5636, 0.2998, 0.4196



74.8581, 0.2819, 0.3572



17.6995, 0.3093, 0.3493



34.2122, 0.2958, 0.5850



2.8586, 0.2899, 0.5636

Inverse Universe

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



51.5162, 0.3261, 0.2655



53.7968, 0.3293, 0.2529



49.7317, 0.3579, 0.3027



15.9834, 0.3163, 0.3096



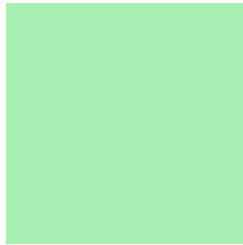
12.4385, 0.3682, 0.1802



1.0467, 0.3609, 0.1762

Previews

White Background



This preview shows how the Yxy color 73.2032, 0.3018, 0.4022 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 73.2032, 0.3018, 0.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

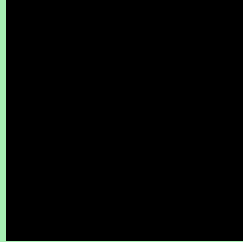
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2032, 0.3018, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 73.2032, 0.3018, 0.4022.

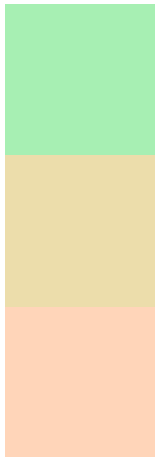


This preview shows how white text looks on a background with the Yxy color 73.2032, 0.3018, 0.4022.

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**

73.2032, 0.3018, 0.4022

Protanopia

72.4860, 0.3583, 0.3831

Deuteranopia

72.3513, 0.3651, 0.3580



Tritanopia

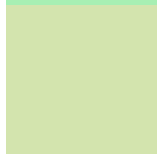
73.0742, 0.2707, 0.3088

Trichromacy



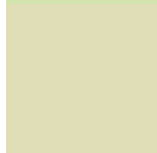
Original Color

73.2032, 0.3018, 0.4022



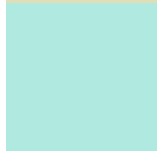
Protanomaly

72.3917, 0.3358, 0.3905



Deuteranomaly

71.3494, 0.3398, 0.3724



Tritanomaly

72.7195, 0.2816, 0.3405

Monochromacy



Original Color

73.2032, 0.3018, 0.4022



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.4385, 0.3087, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2032, 0.3018, 0.4022 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(167, 239, 179)` looks like.

```
.text, #text, p{  
    color:rgb(167, 239, 179)  
}
```

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(167, 239, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 239, 179) }
```

Border

The CSS property to change the border of an element to Yxy 73.2032, 0.3018, 0.4022 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(167, 239, 179) }
```

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

```
.border{ border-color:rgb(167, 239, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 239, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 239, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 239, 179);  
box-shadow:4px 4px 4px 4px rgb(167, 239,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2032, 0.3018, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 239, 179) }
```

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

```
.background{ background-color: rgb(167,  
239, 179) }
```

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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