

Converting Colors

$Yxy(73.1205, 0.3023, 0.3981)$

Have a look what the booklet for
Yxy(73.1205, 0.3023, 0.3981)
contains.

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Color

Yxy(73.0313, 0.3026, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	AAEEB5
RGB	170, 238, 181
RGB Percent	67%, 93%, 71%
CMY	0.3331, 0.0667, 0.2903
CMYK	0.29, 0.00, 0.24, 0.07
HSL	130°, 67%, 80%
HSV	130°, 29%, 93%
XYZ	55.4979, 73.0313, 54.8743
YIQ	211.1700, -22.2310, -32.1430

Conversions

Conversions Part 2

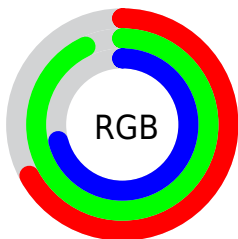
Format	Color
RYB	170, 229, 238
Decimal	11202229
CIELab	88.46, -32.36, 20.95
CIElCh	88, 38.549, 147.083
Yxy	73.0313, 0.3026, 0.3982
Android (android.graphics.Color)	4289392309 (0xFFAAEEB5)
YUV	211.1700, -14.8738, -36.1061
Hunter-Lab	85.4584, -33.6316, 21.7497

Details

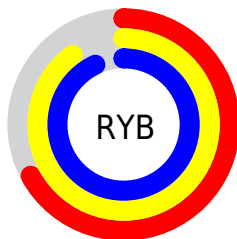
The Yxy color **73.0313, 0.3026, 0.3982** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.4937, 0.3249, 0.2685**, and the grayscale version is **65.3773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9653, 0.3057, 0.3473**, and **38.7274, 0.2993, 0.4165** is the 20% darker color. If you saturate the color by 10%, you get **69.8549, 0.2993, 0.4275**, and if you desaturate by 10%, it is **76.8115, 0.3061, 0.3713**.

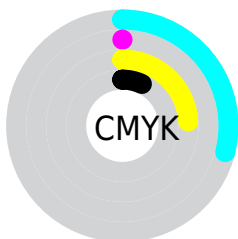
Distribution



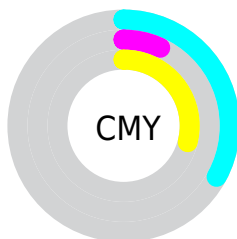
- Red (67%)
- Green (93%)
- Blue (71%)



- Red (67%)
- Yellow (90%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0313, 0.3026, 0.3982 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 73.0313, 0.3026, 0.3982 by changing the saturation by 10% instead.

 73.0313, 0.3026,
0.3982

 73.0313, 0.3026,
0.3982


471.1233, 0.3080,
0.3647

 54.0016, 0.3012,
0.4062


 123.5216, 0.3046,
0.3863

 38.6029, 0.2993,
0.4163


155.7510, 0.3054,
0.3817

 26.4510, 0.2967,
0.4294


193.1491, 0.3060,
0.3779

 17.1613, 0.2930,
0.4469

236.1002, 0.3065,
0.3745

 10.3496, 0.2874,
0.4718

284.9888, 0.3070,
0.3716

 5.6313, 0.2779,
0.5093


340.1993, 0.3074,

 2.6222, 0.2606,


0.3690


0.5731


402.1159, 0.3077,
0.3668


 0.9379, 0.0968,
0.9032


 0.0000, 0.0000,
0.0000


 73.0313, 0.3026,
0.3982


 73.0313, 0.3026,
0.3982


 69.8549, 0.2993,
0.4275


 76.8115, 0.3061,
0.3713

 67.2422, 0.2965,
0.4586

 81.2150, 0.3097,
0.3473

 65.1627, 0.2944,
0.4902

 86.2716, 0.3132,
0.3261

 63.5789, 0.2933,
0.5206

 89.6278, 0.3135,
0.3127

■ 62.4487, 0.2933,
0.5479

■ 61.7227, 0.2944,
0.5701

■ 61.3314, 0.2964,
0.5860

■ 61.2896, 0.2966,
0.5878

Harmonies

Analogous

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



73.0313, 0.3484, 0.4130



73.0313, 0.3026, 0.3982



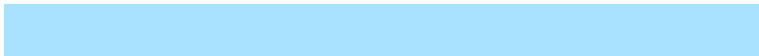
73.0313, 0.2614, 0.3596

Triad

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



73.0313, 0.3026, 0.3982



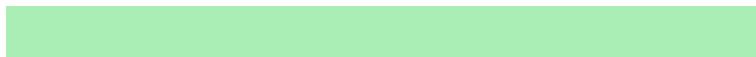
73.0313, 0.2415, 0.2574



73.0313, 0.3969, 0.3350

Complementary

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



73.0313, 0.3026, 0.3982



52.4937, 0.3249, 0.2685

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.



73.0313, 0.3639, 0.2994



73.0313, 0.3026, 0.3982



73.0313, 0.2731, 0.2562

Square

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



73.0313, 0.3026, 0.3982



73.0313, 0.2281, 0.2769



73.0313, 0.3176, 0.2714



73.0313, 0.4049, 0.3717

Rectangle

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



73.0313, 0.3026, 0.3982



73.0313, 0.2418, 0.3286



73.0313, 0.3176, 0.2714



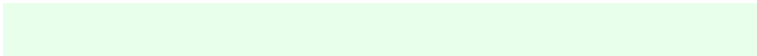
73.0313, 0.3883, 0.3226

Sweetspot

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



73.0344, 0.3026, 0.3982



94.7253, 0.3095, 0.3484



80.5140, 0.3485, 0.4022



20.1052, 0.3090, 0.3517



0.0000, 0.0000, 0.0000



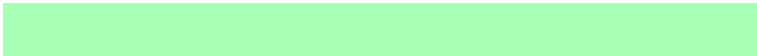
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0344, 0.3026, 0.3982



83.2654, 0.3007, 0.4143



74.5651, 0.2840, 0.3569



17.6979, 0.3094, 0.3494



34.2064, 0.2961, 0.5859



2.8578, 0.2902, 0.5648

Inverse Universe

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



52.4937, 0.3249, 0.2685



55.7302, 0.3278, 0.2566



50.8313, 0.3537, 0.3029



15.9852, 0.3163, 0.3094



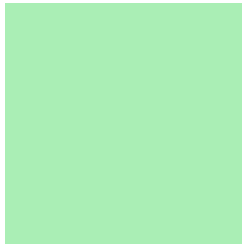
12.4763, 0.3663, 0.1791



1.0495, 0.3593, 0.1753

Previews

White Background



This preview shows how the Yxy color 73.0313, 0.3026, 0.3982 looks on a white background.

Color Contrast Check

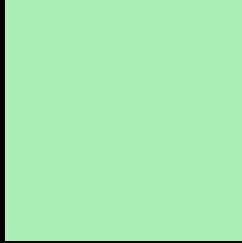
Large Text (above 18pt) WCAG AA × Fail

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 73.0313, 0.3026, 0.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

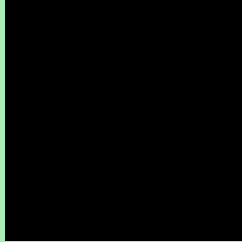
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

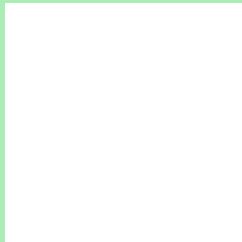
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0313, 0.3026, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 73.0313, 0.3026, 0.3982.



This preview shows how white text looks on a background with the Yxy color 73.0313, 0.3026, 0.3982.

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

73.0313, 0.3026, 0.3982

Protanopia

72.5629, 0.3569, 0.3809

Deuteranopia

72.3937, 0.3643, 0.3569



Tritanopia

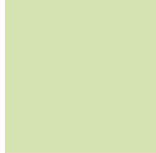
72.6991, 0.2722, 0.3088

Trichromacy



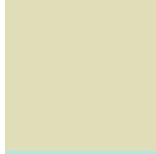
Original Color

73.0313, 0.3026, 0.3982



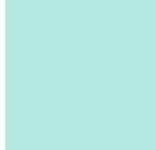
Protanomaly

72.0698, 0.3354, 0.3870



Deuteranomaly

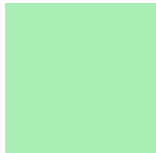
71.5505, 0.3399, 0.3712



Tritanomaly

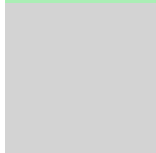
72.5059, 0.2833, 0.3394

Monochromacy



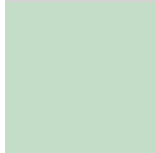
Original Color

73.0313, 0.3026, 0.3982



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 73.0313, 0.3026, 0.3982 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(170, 238, 181)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 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(170, 238, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 181) }
```

Border

The CSS property to change the border of an element to Yxy 73.0313, 0.3026, 0.3982 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(170, 238, 181) }
```

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

```
.border{ border-color:rgb(170, 238, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 238, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 181);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
181) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.0313, 0.3026, 0.3982$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 181) }
```

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

```
.background{ background-color: rgb(170,  
238, 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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