

Converting Colors

$Y_{xy}(73.2290, 0.3125, 0.3947)$

Have a look what the booklet for
Yxy(73.2290, 0.3125, 0.3947)
contains.

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Color

Yxy(73.0262, 0.3129, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	B9EBB4
RGB	185, 235, 180
RGB Percent	73%, 92%, 71%
CMY	0.2746, 0.0784, 0.2941
CMYK	0.21, 0.00, 0.23, 0.08
HSL	115°, 58%, 81%
HSV	115°, 23%, 92%
XYZ	57.9505, 73.0262, 54.2279
YIQ	213.7800, -12.1450, -27.7050

Conversions

Conversions Part 2

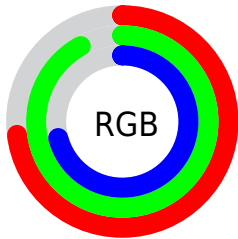
Format	Color
RYB	180, 235, 230
Decimal	12184500
CIELab	88.46, -26.28, 21.57
CIELCh	88, 34.001, 140.622
Yxy	73.0262, 0.3129, 0.3943
Android (android.graphics.Color)	4290374580 (0xFFB9EBB4)
YUV	213.7800, -16.6535, -25.2401
Hunter-Lab	85.4554, -28.4992, 22.1947

Details

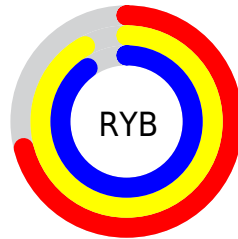
The Yxy color **73.0262, 0.3129, 0.3943** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.4783, 0.3115, 0.2701**, and the grayscale version is **67.2089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4534, 0.3156, 0.3478**, and **38.5978, 0.3122, 0.4111** is the 20% darker color. If you saturate the color by 10%, you get **69.6894, 0.3125, 0.4272**, and if you desaturate by 10%, it is **76.9315, 0.3130, 0.3642**.

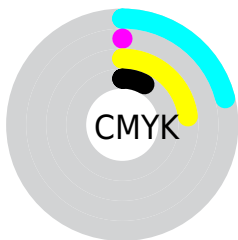
Distribution



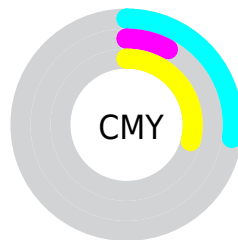
- Red (73%)
- Green (92%)
- Blue (71%)



- Red (71%)
- Yellow (92%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)





- Cyan (27%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0262, 0.3129, 0.3943 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 73.0262, 0.3129, 0.3943 by changing the saturation by 10% instead.

 73.0262, 0.3129,
0.3943

 73.0262, 0.3129,
0.3943


471.1056, 0.3135,
0.3629

 53.9974, 0.3126,
0.4018

 123.5144, 0.3132,
0.3832

 38.5996, 0.3121,
0.4111


155.7426, 0.3133,
0.3789

 26.4484, 0.3113,
0.4233


193.1393, 0.3134,
0.3753

 17.1594, 0.3100,
0.4395

236.0891, 0.3134,
0.3721

 10.3482, 0.3077,
0.4623

284.9762, 0.3134,
0.3694

 5.6304, 0.3031,
0.4964


340.1850, 0.3135,

 2.6217, 0.2939,


0.3669

0.5545


402.1000, 0.3135,
0.3648


 0.9376, 0.2096,
0.7904


 0.0000, 0.0000,
0.0000


 73.0262, 0.3129,
0.3943

 73.0262, 0.3129,
0.3943


 69.6894, 0.3125,
0.4272

 76.9315, 0.3130,
0.3642


 66.8857, 0.3118,
0.4621

 81.4203, 0.3128,
0.3374

 64.5902, 0.3107,
0.4972

 86.5184, 0.3125,
0.3138

 62.7724, 0.3091,
0.5304

 87.9022, 0.3136,
0.3097

■ 61.3983, 0.3072,
0.5590

■ 60.4295, 0.3050,
0.5806

■ 59.8209, 0.3028,
0.5938

■ 59.5838, 0.3017,
0.5987

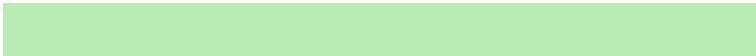
Harmonies

Analogous

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



73.0262, 0.3529, 0.4025



73.0262, 0.3129, 0.3943



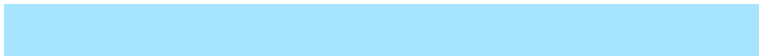
73.0262, 0.2745, 0.3643

Triad

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



73.0262, 0.3129, 0.3943



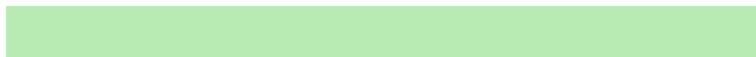
73.0262, 0.2453, 0.2679



73.0262, 0.3822, 0.3276

Complementary

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



73.0262, 0.3129, 0.3943



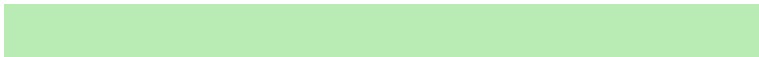
55.4783, 0.3115, 0.2701

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.



73.0262, 0.3497, 0.2966



73.0262, 0.3129, 0.3943



73.0262, 0.2705, 0.2630

Square

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



73.0262, 0.3129, 0.3943



73.0262, 0.2372, 0.2891



73.0262, 0.3082, 0.2736



73.0262, 0.3946, 0.3607

Rectangle

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



73.0262, 0.3129, 0.3943



73.0262, 0.2547, 0.3378



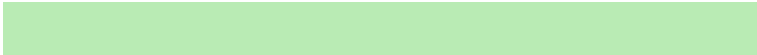
73.0262, 0.3082, 0.2736



73.0262, 0.3732, 0.3167

Sweetspot

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



73.0293, 0.3129, 0.3943



95.9522, 0.3129, 0.3467



77.2811, 0.3493, 0.3820



20.4666, 0.3129, 0.3483



0.0000, 0.0000, 0.0000



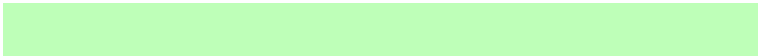
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0293, 0.3129, 0.3943



85.9163, 0.3128, 0.4095



73.3921, 0.2967, 0.3678



16.9271, 0.3129, 0.3533



33.1812, 0.3021, 0.5983



2.6278, 0.3073, 0.5942

Inverse Universe

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



55.4783, 0.3115, 0.2701



61.3939, 0.3110, 0.2580



55.1170, 0.3330, 0.2932



15.2407, 0.3124, 0.3057



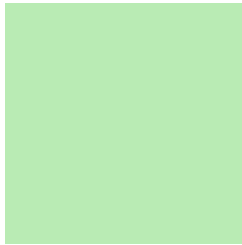
11.3075, 0.2984, 0.1417



0.9082, 0.3017, 0.1436

Previews

White Background



This preview shows how the Yxy color 73.0262, 0.3129, 0.3943 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 73.0262, 0.3129, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

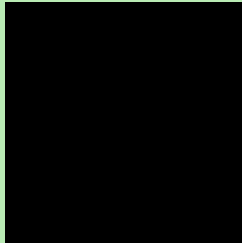
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

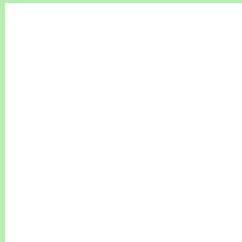
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0262, 0.3129, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 73.0262, 0.3129, 0.3943.

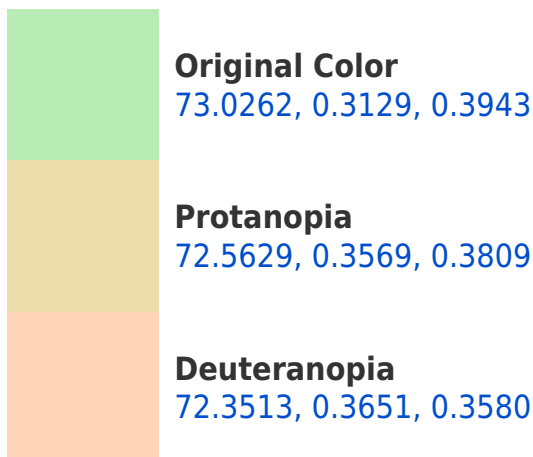


This preview shows how white text looks on a background with the Yxy color 73.0262, 0.3129, 0.3943.

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

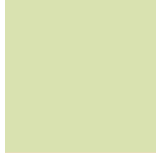
72.6601, 0.2820, 0.3091

Trichromacy



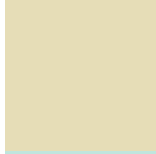
Original Color

73.0262, 0.3129, 0.3943



Protanomaly

72.2790, 0.3393, 0.3853



Deuteranomaly

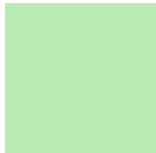
71.9548, 0.3453, 0.3706



Tritanomaly

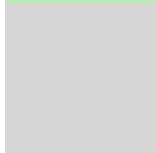
72.4655, 0.2930, 0.3381

Monochromacy



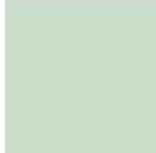
Original Color

73.0262, 0.3129, 0.3943



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.2033, 0.3123, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0262, 0.3129, 0.3943 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(185, 235, 180)` looks like.

```
.text, #text, p{  
    color:rgb(185, 235, 180)  
}
```

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(185, 235, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 235, 180) }
```

Border

The CSS property to change the border of an element to Yxy 73.0262, 0.3129, 0.3943 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(185, 235, 180) }
```

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

```
.border{ border-color:rgb(185, 235, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 235, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 235, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 235, 180);  
box-shadow:4px 4px 4px 4px rgb(185, 235,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0262, 0.3129, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 235, 180) }
```

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

```
.background{ background-color: rgb(185,  
235, 180) }
```

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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