

Converting Colors

$Yxy(69.3750, 0.3152, 0.3893)$

Have a look what the booklet for
Yxy(69.3750, 0.3152, 0.3893)
contains.

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Color

Yxy(69.1403, 0.3153, 0.3891)

Conversions

Conversions Part 1

Format	Color
Hex	BAE4B2
RGB	186, 228, 178
RGB Percent	73%, 89%, 70%
CMY	0.2707, 0.1058, 0.3018
CMYK	0.18, 0.00, 0.22, 0.11
HSL	110°, 48%, 80%
HSV	110°, 22%, 89%
XYZ	56.0266, 69.1403, 52.5260
YIQ	209.7420, -8.9820, -24.4540

Conversions

Conversions Part 2

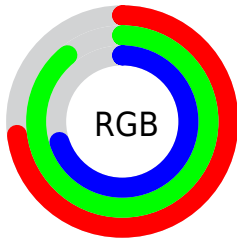
Format	Color
RYB	178, 228, 220
Decimal	12248242
CIELab	86.57, -22.89, 19.99
CIElCh	87, 30.396, 138.868
Yxy	69.1403, 0.3153, 0.3891
Android (android.graphics.Color)	4290438322 (0xFFBAE4B2)
YUV	209.7420, -15.6488, -20.8217
Hunter-Lab	83.1506, -25.2411, 20.7521

Details

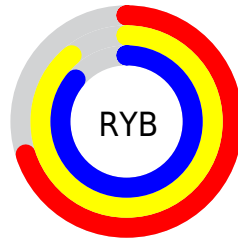
The Yxy color **69.1403, 0.3153, 0.3891** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.6794, 0.3088, 0.2735**, and the grayscale version is **64.3797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5152, 0.3174, 0.3498**, and **35.8912, 0.3153, 0.4046** is the 20% darker color. If you saturate the color by 10%, you get **66.0597, 0.3160, 0.4211**, and if you desaturate by 10%, it is **72.7014, 0.3142, 0.3599**.

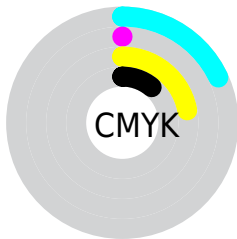
Distribution



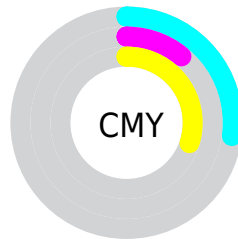
- Red (73%)
- Green (89%)
- Blue (70%)



- Red (70%)
- Yellow (89%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)





- Cyan (27%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1403, 0.3153, 0.3891 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 69.1403, 0.3153, 0.3891 by changing the saturation by 10% instead.


 69.1403, 0.3153,
0.3891

 69.1403, 0.3153,
0.3891


457.5256, 0.3146,
0.3600

 50.8260, 0.3153,
0.3961

 117.9819, 0.3152,
0.3787

 36.0701, 0.3152,
0.4048


149.2781, 0.3151,
0.3748

 24.4884, 0.3150,
0.4162

185.6702, 0.3150,
0.3714

 15.6963, 0.3144,
0.4316

227.5428, 0.3149,
0.3685

 9.3095, 0.3130,
0.4533

275.2803, 0.3149,
0.3660

 4.9436, 0.3099,
0.4862

329.2670, 0.3148,

 2.2142, 0.3048,

0.3638

389.8873, 0.3147,
0.3618

0.5470

0.7277, 0.1543,
0.8457

0.0000, 0.0000,
0.0000

69.1403, 0.3153,
0.3891

69.1403, 0.3153,
0.3891

66.0597, 0.3160,
0.4211

72.7014, 0.3142,
0.3599

63.4303, 0.3162,
0.4550

76.7530, 0.3130,
0.3337

61.2335, 0.3158,
0.4894

81.3162, 0.3116,
0.3106

59.4456, 0.3145,
0.5223

83.9717, 0.3139,
0.3029

■ 58.0407, 0.3125,
0.5514

■ 56.9900, 0.3098,
0.5743

■ 56.2601, 0.3066,
0.5895

■ 55.8714, 0.3042,
0.5967

Harmonies

Analogous

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



69.1403, 0.3515, 0.3956



69.1403, 0.3153, 0.3891



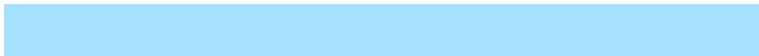
69.1403, 0.2798, 0.3630

Triad

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



69.1403, 0.3153, 0.3891



69.1403, 0.2501, 0.2739



69.1403, 0.3746, 0.3262

Complementary

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



69.1403, 0.3153, 0.3891



52.6794, 0.3088, 0.2735

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.



69.1403, 0.3444, 0.2979



69.1403, 0.3153, 0.3891



69.1403, 0.2725, 0.2684

Square

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



69.1403, 0.3153, 0.3891



69.1403, 0.2436, 0.2945



69.1403, 0.3066, 0.2772



69.1403, 0.3871, 0.3567

Rectangle

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



69.1403, 0.3153, 0.3891



69.1403, 0.2611, 0.3393



69.1403, 0.3066, 0.2772



69.1403, 0.3661, 0.3162

Sweetspot

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



69.1433, 0.3153, 0.3891



96.1664, 0.3136, 0.3467



70.7289, 0.3475, 0.3750



20.5161, 0.3137, 0.3483



0.0000, 0.0000, 0.0000



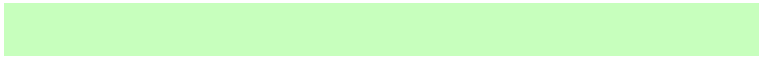
21.4041, 0.3127, 0.3290

Same Dimension

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



69.1433, 0.3153, 0.3891



87.3563, 0.3156, 0.4024



68.8861, 0.2997, 0.3691



16.1986, 0.3140, 0.3531



32.2924, 0.3048, 0.5962



2.4200, 0.3131, 0.5896

Inverse Universe

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



52.6794, 0.3088, 0.2735



62.8014, 0.3078, 0.2624



53.0683, 0.3286, 0.2920



14.4931, 0.3113, 0.3057



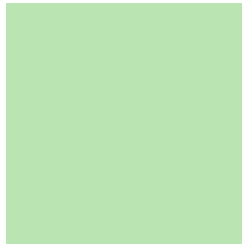
9.7297, 0.2811, 0.1322



0.7503, 0.2873, 0.1356

Previews

White Background



This preview shows how the Yxy color 69.1403, 0.3153, 0.3891 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 69.1403, 0.3153, 0.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

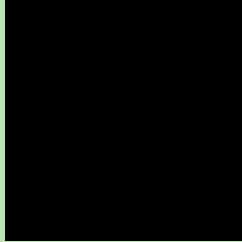
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

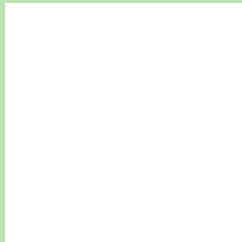
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1403, 0.3153, 0.3891

Background



This preview shows how black text looks on a background with the Yxy color 69.1403, 0.3153, 0.3891.

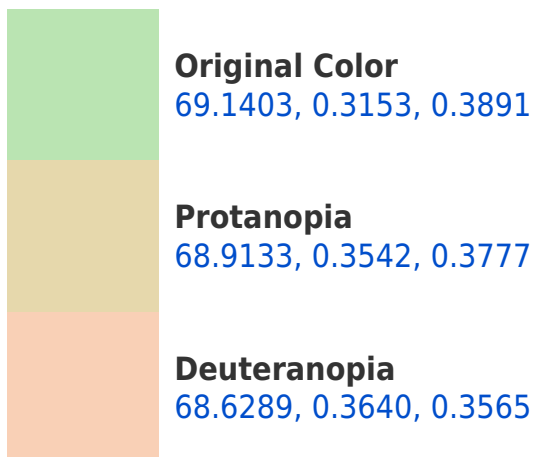


This preview shows how white text looks on a background with the Yxy color 69.1403, 0.3153, 0.3891.

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

69.0366, 0.2857, 0.3099

Trichromacy



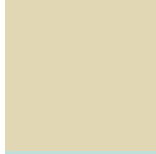
Original Color

69.1403, 0.3153, 0.3891



Protanomaly

68.5385, 0.3395, 0.3817



Deuteranomaly

68.1058, 0.3449, 0.3670



Tritanomaly

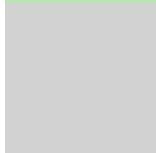
68.9397, 0.2959, 0.3370

Monochromacy



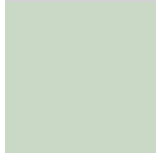
Original Color

69.1403, 0.3153, 0.3891



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

66.1204, 0.3138, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1403, 0.3153, 0.3891 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(186, 228, 178)` looks like.

```
.text, #text, p{  
    color:rgb(186, 228, 178)  
}
```

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(186, 228, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 228, 178) }
```

Border

The CSS property to change the border of an element to Yxy 69.1403, 0.3153, 0.3891 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(186, 228, 178) }
```

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

```
.border{ border-color:rgb(186, 228, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 228, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 228, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 228, 178); box-shadow:4px 4px 4px 4px rgb(186, 228, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1403, 0.3153, 0.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 228, 178) }
```

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

```
.background{ background-color: rgb(186,  
228, 178) }
```

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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