

Converting Colors

$Yxy(70.0206, 0.3131, 0.3896)$

Have a look what the booklet for
Yxy(70.0206, 0.3131, 0.3896)
contains.

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Color

Yxy(70.0386, 0.3132, 0.3903)

Conversions

Conversions Part 1

Format	Color
Hex	B8E6B3
RGB	184, 230, 179
RGB Percent	72%, 90%, 70%
CMY	0.2784, 0.0980, 0.2980
CMYK	0.20, 0.00, 0.22, 0.10
HSL	114°, 50%, 80%
HSV	114°, 22%, 90%
XYZ	56.2032, 70.0386, 53.2064
YIQ	210.4320, -11.0450, -25.6130

Conversions

Conversions Part 2

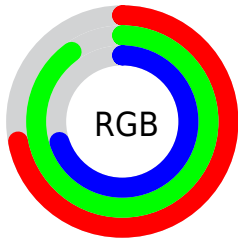
Format	Color
RYB	179, 230, 225
Decimal	12117683
CIELab	87.02, -24.36, 20.08
CIELCh	87, 31.572, 140.498
Yxy	70.0386, 0.3132, 0.3903
Android (android.graphics.Color)	4290307763 (0xFFB8E6B3)
YUV	210.4320, -15.4960, -23.1809
Hunter-Lab	83.6891, -26.5804, 20.8880

Details

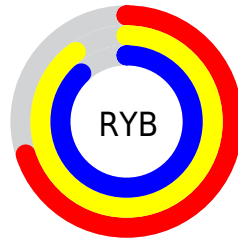
The Yxy color **70.0386, 0.3132, 0.3903** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.9623, 0.3112, 0.2733**, and the grayscale version is **64.8601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2189, 0.3155, 0.3488**, and **36.5243, 0.3125, 0.4061** is the 20% darker color. If you saturate the color by 10%, you get **66.8104, 0.3130, 0.4228**, and if you desaturate by 10%, it is **73.8035, 0.3131, 0.3607**.

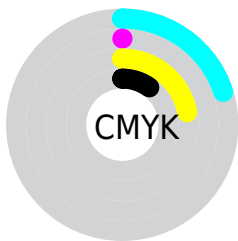
Distribution



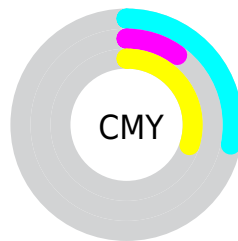
- Red (72%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0386, 0.3132, 0.3903 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 70.0386, 0.3132, 0.3903 by changing the saturation by 10% instead.

 70.0386, 0.3132,
0.3903

 70.0386, 0.3132,
0.3903


460.6855, 0.3135,
0.3607

 51.5580, 0.3130,
0.3974


 119.2638, 0.3134,
0.3798

 36.6529, 0.3126,
0.4063


150.7772, 0.3135,
0.3757

 24.9389, 0.3119,
0.4179


187.4036, 0.3135,
0.3723

 16.0315, 0.3108,
0.4335

229.5275, 0.3136,
0.3693

 9.5464, 0.3088,
0.4556

277.5333, 0.3136,
0.3667

 5.0993, 0.3046,
0.4890


331.8053, 0.3136,

 2.3056, 0.2970,


0.3645


0.5489


392.7279, 0.3136,
0.3625


 0.7767, 0.1560,
0.8440


 0.0000, 0.0000,
0.0000


 70.0386, 0.3132,
0.3903

 70.0386, 0.3132,
0.3903


 66.8104, 0.3130,
0.4228


 73.8035, 0.3131,
0.3607

 64.0861, 0.3124,
0.4574

 78.1187, 0.3128,
0.3343

 61.8427, 0.3114,
0.4925

 83.0083, 0.3124,
0.3111

 60.0523, 0.3099,
0.5259

 85.0747, 0.3138,
0.3048

■ 58.6837, 0.3080,
0.5552

■ 57.7019, 0.3058,
0.5778

■ 57.0662, 0.3034,
0.5923

■ 56.7720, 0.3019,
0.5985

Harmonies

Analogous

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



70.0386, 0.3508, 0.3981



70.0386, 0.3132, 0.3903



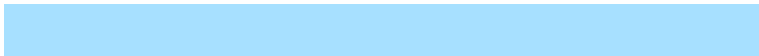
70.0386, 0.2769, 0.3623

Triad

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



70.0386, 0.3132, 0.3903



70.0386, 0.2489, 0.2714



70.0386, 0.3780, 0.3277

Complementary

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



70.0386, 0.3132, 0.3903



53.9623, 0.3112, 0.2733

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.



70.0386, 0.3475, 0.2983



70.0386, 0.3132, 0.3903



70.0386, 0.2728, 0.2666

Square

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



70.0386, 0.3132, 0.3903



70.0386, 0.2413, 0.2917



70.0386, 0.3084, 0.2765



70.0386, 0.3897, 0.3591

Rectangle

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



70.0386, 0.3132, 0.3903



70.0386, 0.2581, 0.3375



70.0386, 0.3084, 0.2765



70.0386, 0.3695, 0.3174

Sweetspot

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



70.0416, 0.3132, 0.3903



95.9770, 0.3130, 0.3467



73.8758, 0.3472, 0.3791



20.4724, 0.3130, 0.3483



0.0000, 0.0000, 0.0000



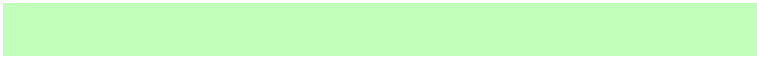
21.4041, 0.3127, 0.3290

Same Dimension

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



70.0416, 0.3132, 0.3903



86.3973, 0.3131, 0.4062



70.3214, 0.2975, 0.3655



16.1565, 0.3130, 0.3532



32.1642, 0.3024, 0.5981



2.4000, 0.3082, 0.5935

Inverse Universe

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



53.9623, 0.3112, 0.2733



62.4012, 0.3107, 0.2605



53.6992, 0.3316, 0.2952



14.5395, 0.3122, 0.3057



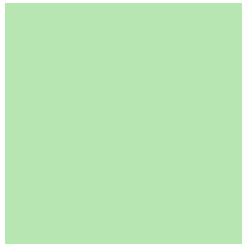
10.8085, 0.2964, 0.1406



0.8197, 0.3002, 0.1427

Previews

White Background



This preview shows how the Yxy color 70.0386, 0.3132, 0.3903 looks on a white background.

Color Contrast Check

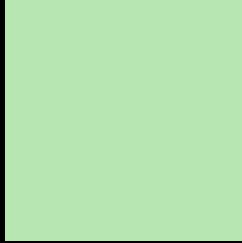
Large Text (above 18pt) WCAG AA × Fail

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 70.0386, 0.3132, 0.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

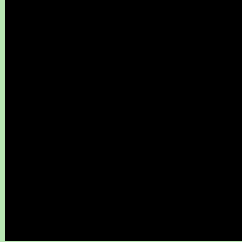
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

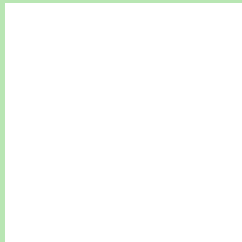
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0386, 0.3132, 0.3903

Background



This preview shows how black text looks on a background with the Yxy color 70.0386, 0.3132, 0.3903.

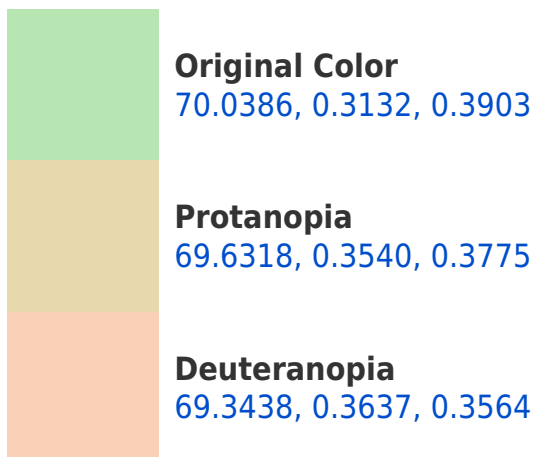


This preview shows how white text looks on a background with the Yxy color 70.0386, 0.3132, 0.3903.

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

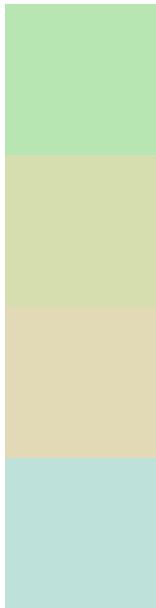




Tritanopia

70.0032, 0.2828, 0.3088

Trichromacy



Original Color

70.0386, 0.3132, 0.3903

Protanomaly

69.6338, 0.3385, 0.3827

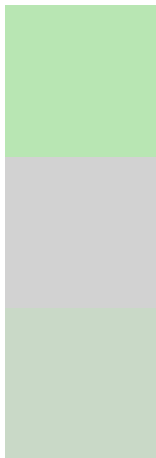
Deuteranomaly

69.1719, 0.3437, 0.3679

Tritanomaly

69.8595, 0.2934, 0.3370

Monochromacy



Original Color

70.0386, 0.3132, 0.3903

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

66.1667, 0.3132, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0386, 0.3132, 0.3903 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(184, 230, 179)` looks like.

```
.text, #text, p{  
    color:rgb(184, 230, 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(184, 230, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 230, 179) }
```

Border

The CSS property to change the border of an element to Yxy 70.0386, 0.3132, 0.3903 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(184, 230, 179) }
```

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

```
.border{ border-color:rgb(184, 230, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 230, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 230, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 230, 179);  
box-shadow:4px 4px 4px 4px rgb(184, 230,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0386, 0.3132, 0.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 230, 179) }
```

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

```
.background{ background-color: rgb(184,  
230, 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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