

Converting Colors

$Yxy(70.4329, 0.3056, 0.3770)$

Have a look what the booklet for
Yxy(70.4329, 0.3056, 0.3770)
contains.

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Color

Yxy(70.3786, 0.3058, 0.3768)

Conversions

Conversions Part 1

Format	Color
Hex	B7E6BE
RGB	183, 230, 190
RGB Percent	72%, 90%, 75%
CMY	0.2824, 0.0980, 0.2549
CMYK	0.20, 0.00, 0.17, 0.10
HSL	129°, 48%, 81%
HSV	129°, 20%, 90%
XYZ	57.1172, 70.3786, 59.2839
YIQ	211.3870, -15.1720, -22.4040

Conversions

Conversions Part 2

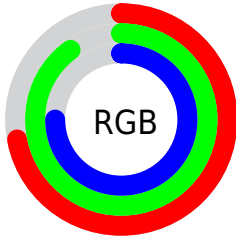
Format	Color
RYB	183, 224, 230
Decimal	12052158
CIELab	87.18, -22.82, 14.59
CIElCh	87, 27.080, 147.407
Yxy	70.3786, 0.3058, 0.3768
Android (android.graphics.Color)	4290242238 (0xFFB7E6BE)
YUV	211.3870, -10.5438, -24.8954
Hunter-Lab	83.8920, -25.2805, 16.8259

Details

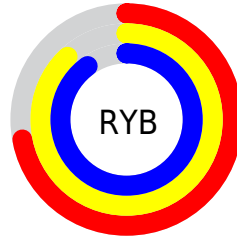
The Yxy color **70.3786, 0.3058, 0.3768** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.0165, 0.3205, 0.2855**, and the grayscale version is **65.4895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5245, 0.3080, 0.3379**, and **36.7454, 0.3031, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **66.9886, 0.3025, 0.4045**, and if you desaturate by 10%, it is **74.3504, 0.3092, 0.3519**.

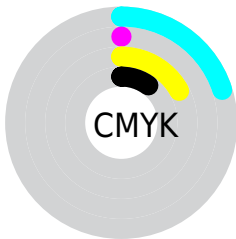
Distribution



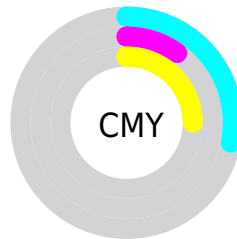
- Red (72%)
- Green (90%)
- Blue (75%)



- Red (72%)
- Yellow (88%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)





- Cyan (28%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3786, 0.3058, 0.3768 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 70.3786, 0.3058, 0.3768 by changing the saturation by 10% instead.


 70.3786, 0.3058,
0.3768

 70.3786, 0.3058,
0.3768


461.8782, 0.3094,
0.3538

 51.8352, 0.3049,
0.3823


 119.7485, 0.3071,
0.3686

 36.8738, 0.3037,
0.3892


151.3438, 0.3076,
0.3655

 25.1098, 0.3021,
0.3981


188.0586, 0.3080,
0.3629

 16.1589, 0.2998,
0.4101

230.2773, 0.3084,
0.3606

 9.6366, 0.2964,
0.4271

278.3842, 0.3087,
0.3585

 5.1587, 0.2908,
0.4529


332.7637, 0.3090,

 2.3407, 0.2801,


0.3568


0.4964


393.8002, 0.3092,
0.3552

 0.7951, 0.2000,
0.8000

 0.0000, 0.0000,
0.0000


 70.3786, 0.3058,
0.3768

 70.3786, 0.3058,
0.3768


 66.9886, 0.3025,
0.4045


 74.3504, 0.3092,
0.3519


 64.1446, 0.2994,
0.4346

 78.9202, 0.3126,
0.3299

 61.8204, 0.2968,
0.4662

 84.1145, 0.3158,
0.3107

 59.9843, 0.2949,
0.4980

 85.0778, 0.3138,
0.3049

■ 58.6010, 0.2940,
0.5281

■ 57.6303, 0.2941,
0.5545

■ 57.0248, 0.2953,
0.5753

■ 56.7147, 0.2970,
0.5891

Harmonies

Analogous

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



70.3786, 0.3387, 0.3880



70.3786, 0.3058, 0.3768



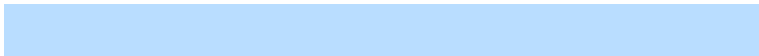
70.3786, 0.2759, 0.3504

Triad

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



70.3786, 0.3058, 0.3768



70.3786, 0.2613, 0.2772



70.3786, 0.3724, 0.3346

Complementary

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



70.3786, 0.3058, 0.3768



56.0165, 0.3205, 0.2855

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.



70.3786, 0.3495, 0.3081



70.3786, 0.3058, 0.3768



70.3786, 0.2849, 0.2758

Square

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



70.3786, 0.3058, 0.3768



70.3786, 0.2512, 0.2921



70.3786, 0.3170, 0.2871



70.3786, 0.3782, 0.3612

Rectangle

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



70.3786, 0.3058, 0.3768



70.3786, 0.2614, 0.3291



70.3786, 0.3170, 0.2871



70.3786, 0.3664, 0.3254

Sweetspot

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



70.3816, 0.3058, 0.3768



96.4023, 0.3107, 0.3419



75.8220, 0.3389, 0.3806



20.5539, 0.3105, 0.3433



0.0000, 0.0000, 0.0000



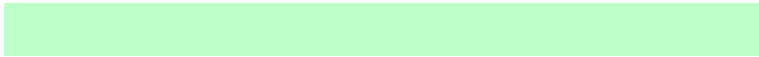
21.4041, 0.3127, 0.3290

Same Dimension

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



70.3816, 0.3058, 0.3768



86.8337, 0.3042, 0.3895



71.4566, 0.2922, 0.3491



16.1240, 0.3095, 0.3496



32.1173, 0.2965, 0.5873



2.3843, 0.2902, 0.5645

Inverse Universe

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



56.0165, 0.3205, 0.2855



65.2544, 0.3226, 0.2752



54.8693, 0.3389, 0.3098



14.5764, 0.3161, 0.3092



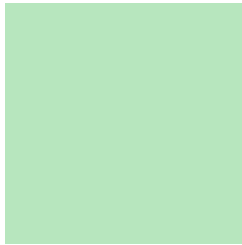
11.7888, 0.3624, 0.1770



0.8812, 0.3554, 0.1731

Previews

White Background



This preview shows how the Yxy color 70.3786, 0.3058, 0.3768 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 70.3786, 0.3058, 0.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

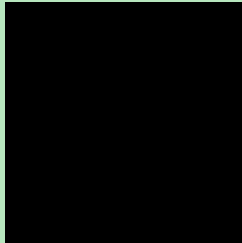
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

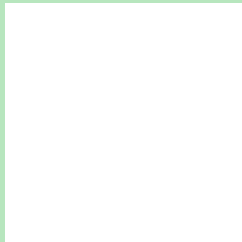
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3786, 0.3058, 0.3768

Background



This preview shows how black text looks on a background with the Yxy color 70.3786, 0.3058, 0.3768.

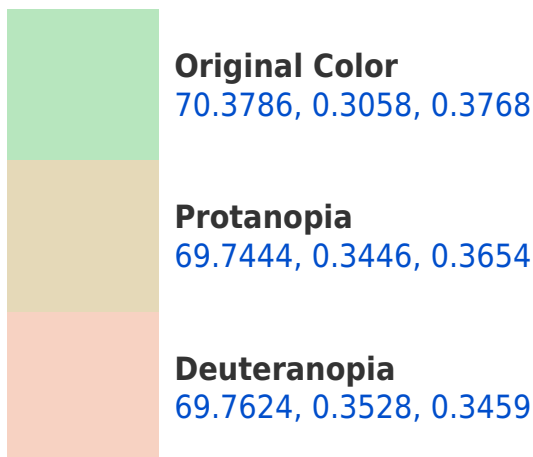


This preview shows how white text looks on a background with the Yxy color 70.3786, 0.3058, 0.3768.

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

70.3327, 0.2810, 0.3088

Trichromacy



Original Color

70.3786, 0.3058, 0.3768



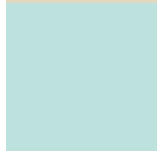
Protanomaly

69.7848, 0.3295, 0.3701



Deuteranomaly

69.3233, 0.3344, 0.3557



Tritanomaly

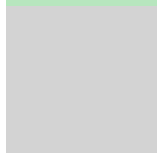
70.4855, 0.2904, 0.3335

Monochromacy



Original Color

70.3786, 0.3058, 0.3768



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

66.8721, 0.3105, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3786, 0.3058, 0.3768 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(183, 230, 190)` looks like.

```
.text, #text, p{  
    color:rgb(183, 230, 190)  
}
```

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(183, 230, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 230, 190) }
```

Border

The CSS property to change the border of an element to Yxy 70.3786, 0.3058, 0.3768 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(183, 230, 190) }
```

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

```
.border{ border-color:rgb(183, 230, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 230, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 230, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 230, 190);  
box-shadow:4px 4px 4px 4px rgb(183, 230,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3786, 0.3058, 0.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 230, 190) }
```

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

```
.background{ background-color: rgb(183,  
230, 190) }
```

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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