

Converting Colors

$Yxy(70.7476, 0.3182, 0.3953)$

Have a look what the booklet for
Yxy(70.7476, 0.3182, 0.3953)
contains.

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Color

Yxy(70.9383, 0.3183, 0.3958)

Conversions

Conversions Part 1

Format	Color
Hex	BCE7AF
RGB	188, 231, 175
RGB Percent	74%, 91%, 69%
CMY	0.2628, 0.0941, 0.3137
CMYK	0.19, 0.00, 0.24, 0.09
HSL	106°, 54%, 80%
HSV	106°, 24%, 91%
XYZ	57.0482, 70.9383, 51.2412
YIQ	211.7590, -7.6520, -26.5320

Conversions

Conversions Part 2

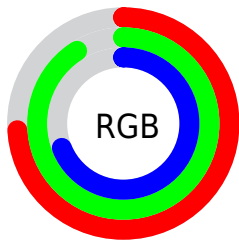
Format	Color
RYB	175, 231, 218
Decimal	12380079
CIELab	87.46, -24.16, 22.80
CIELCh	87, 33.223, 136.655
Yxy	70.9383, 0.3183, 0.3958
Android (android.graphics.Color)	4290570159 (0xFFBCE7AF)
YUV	211.7590, -18.1222, -20.8366
Hunter-Lab	84.2249, -26.4899, 22.8862

Details

The Yxy color **70.9383, 0.3183, 0.3958** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.3397, 0.3049, 0.2668**, and the grayscale version is **65.7950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7020, 0.3204, 0.3527**, and **37.1334, 0.3190, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **67.9930, 0.3200, 0.4277**, and if you desaturate by 10%, it is **74.3221, 0.3162, 0.3662**.

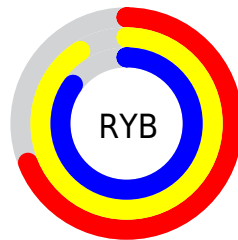
Distribution



Red (74%)

Green (91%)

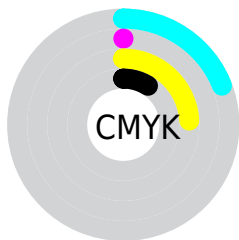
Blue (69%)



Red (69%)

Yellow (91%)

Blue (85%)

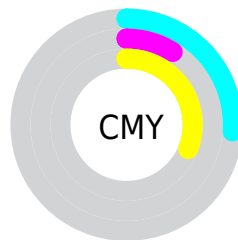


Cyan (19%)

Magenta (0%)

Yellow (24%)

Black (9%)



Cyan (26%)


Magenta (9%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9383, 0.3183, 0.3958 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 70.9383, 0.3183, 0.3958 by changing the saturation by 10% instead.

 70.9383, 0.3183,
0.3958

 70.9383, 0.3183,
0.3958


463.8377, 0.3164,
0.3636

 52.2918, 0.3186,
0.4035


 120.5459, 0.3178,
0.3843

 37.2378, 0.3188,
0.4132

152.2758, 0.3175,
0.3800

 25.3916, 0.3188,
0.4257


189.1356, 0.3173,
0.3762

 16.3691, 0.3186,
0.4424

231.5098, 0.3171,
0.3730

 9.7857, 0.3177,
0.4660

279.7827, 0.3169,
0.3702

 5.2571, 0.3149,
0.5014

334.3387, 0.3167,

 2.3989, 0.3114,

0.3677

395.5623, 0.3165,
0.3655

0.5679

0.8253, 0.1908,
0.8092

0.0000, 0.0000,
0.0000

70.9383, 0.3183,
0.3958

70.9383, 0.3183,
0.3958

67.9930, 0.3200,
0.4277

74.3221, 0.3162,
0.3662

65.4593, 0.3210,
0.4611

78.1522, 0.3138,
0.3395

63.3208, 0.3211,
0.4945

82.4476, 0.3113,
0.3156

61.5569, 0.3201,
0.5260

85.6378, 0.3138,
0.3058

■ 60.1447, 0.3179,
0.5534

■ 59.0586, 0.3146,
0.5745

■ 58.2689, 0.3105,
0.5884

■ 57.9291, 0.3081,
0.5935

Harmonies

Analogous

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



70.9383, 0.3571, 0.4009



70.9383, 0.3183, 0.3958



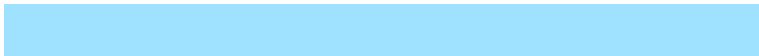
70.9383, 0.2796, 0.3686

Triad

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



70.9383, 0.3183, 0.3958



70.9383, 0.2441, 0.2705



70.9383, 0.3780, 0.3234

Complementary

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



70.9383, 0.3183, 0.3958



51.3397, 0.3049, 0.2668

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.



70.9383, 0.3441, 0.2934



70.9383, 0.3183, 0.3958



70.9383, 0.2669, 0.2635

Square

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



70.9383, 0.3183, 0.3958



70.9383, 0.2384, 0.2936



70.9383, 0.3029, 0.2721



70.9383, 0.3932, 0.3562

Rectangle

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



70.9383, 0.3183, 0.3958



70.9383, 0.2588, 0.3430



70.9383, 0.3029, 0.2721



70.9383, 0.3683, 0.3128

Sweetspot

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



70.9413, 0.3183, 0.3958



96.3944, 0.3145, 0.3467



70.1980, 0.3524, 0.3762



20.5687, 0.3146, 0.3482



0.0000, 0.0000, 0.0000



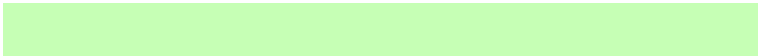
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9413, 0.3183, 0.3958



86.8892, 0.3192, 0.4112



69.9864, 0.3006, 0.3787



16.2495, 0.3150, 0.3530



32.5190, 0.3090, 0.5929



2.4445, 0.3190, 0.5850

Inverse Universe

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



51.3397, 0.3049, 0.2668



58.4418, 0.3029, 0.2536



52.6117, 0.3276, 0.2840



14.4381, 0.3101, 0.3056



8.5646, 0.2630, 0.1223



0.6739, 0.2719, 0.1271

Previews

White Background



This preview shows how the Yxy color 70.9383, 0.3183, 0.3958 looks on a white background.

Color Contrast Check

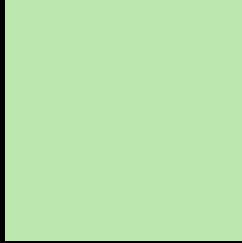
Large Text (above 18pt) WCAG AA × Fail

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 70.9383, 0.3183, 0.3958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

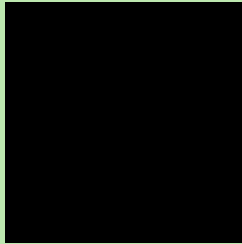
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

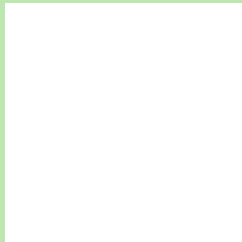
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9383, 0.3183, 0.3958

Background



This preview shows how black text looks on a background with the Yxy color 70.9383, 0.3183, 0.3958.

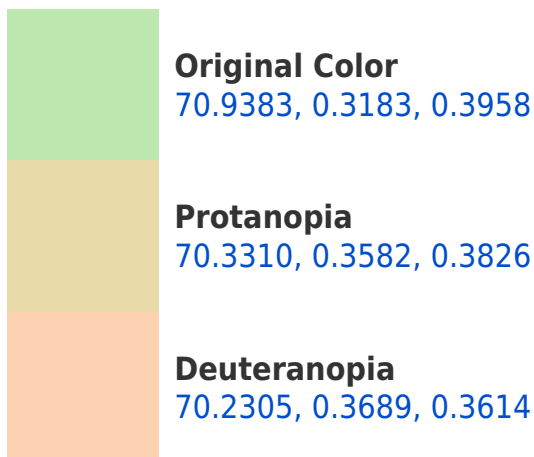


This preview shows how white text looks on a background with the Yxy color 70.9383, 0.3183, 0.3958.

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

70.6759, 0.2860, 0.3090

Trichromacy



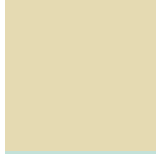
Original Color

70.9383, 0.3183, 0.3958



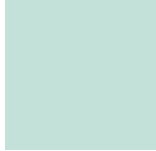
Protanomaly

70.4673, 0.3432, 0.3879



Deuteranomaly

70.0152, 0.3487, 0.3732



Tritanomaly

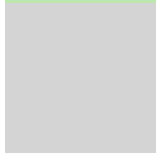
70.4104, 0.2979, 0.3393

Monochromacy



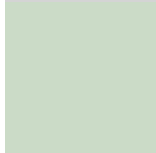
Original Color

70.9383, 0.3183, 0.3958



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.4831, 0.3145, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9383, 0.3183, 0.3958 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(188, 231, 175)` looks like.

```
.text, #text, p{  
    color:rgb(188, 231, 175)  
}
```

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(188, 231, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 231, 175) }
```

Border

The CSS property to change the border of an element to Yxy 70.9383, 0.3183, 0.3958 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(188, 231, 175) }
```

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

```
.border{ border-color:rgb(188, 231, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 231, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 231, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 231, 175);  
box-shadow:4px 4px 4px 4px rgb(188, 231,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9383, 0.3183, 0.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 231, 175) }
```

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

```
.background{ background-color: rgb(188,  
231, 175) }
```

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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