

Converting Colors

$Yxy(70.3786, 0.3233, 0.3840)$

Have a look what the booklet for
Yxy(70.3786, 0.3233, 0.3840)
contains.

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Color

Yxy(70.3756, 0.3233, 0.3840)

Conversions

Conversions Part 1

Format	Color
Hex	C7E3B4
RGB	199, 227, 180
RGB Percent	78%, 89%, 71%
CMY	0.2198, 0.1097, 0.2941
CMYK	0.12, 0.00, 0.21, 0.11
HSL	96°, 46%, 80%
HSV	96°, 21%, 89%
XYZ	59.2511, 70.3756, 53.6431
YIQ	213.2700, -1.6010, -20.5530

Conversions

Conversions Part 2

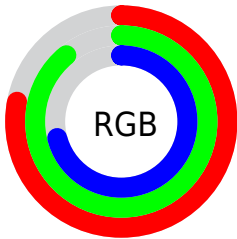
Format	Color
RYB	180, 227, 208
Decimal	13099956
CIELab	87.18, -17.62, 19.94
CIELCh	87, 26.607, 131.467
Yxy	70.3756, 0.3233, 0.3840
Android (android.graphics.Color)	4291290036 (0xFFC7E3B4)
YUV	213.2700, -16.4021, -12.5148
Hunter-Lab	83.8902, -20.7343, 20.8105

Details

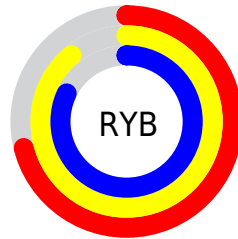
The Yxy color **70.3756, 0.3233, 0.3840** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.6121, 0.2998, 0.2752**, and the grayscale version is **66.8390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **37.0571, 0.3255, 0.3987** is the 20% darker color. If you saturate the color by 10%, you get **67.7563, 0.3279, 0.4138**, and if you desaturate by 10%, it is **73.3176, 0.3183, 0.3562**.

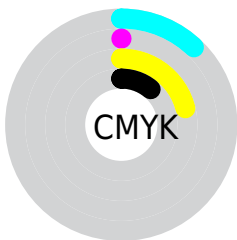
Distribution



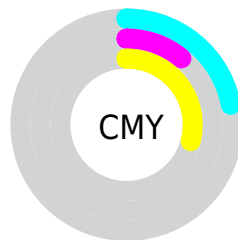
- Red (78%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)





- Cyan (22%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3756, 0.3233, 0.3840 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 70.3756, 0.3233, 0.3840 by changing the saturation by 10% instead.


 70.3756, 0.3233,
0.3840

 70.3756, 0.3233,
0.3840


461.8677, 0.3188,
0.3576

 51.8328, 0.3242,
0.3902


 119.7442, 0.3218,
0.3747

 36.8718, 0.3253,
0.3981


151.3389, 0.3212,
0.3711

 25.1083, 0.3265,
0.4082


188.0529, 0.3207,
0.3680

 16.1577, 0.3279,
0.4217

230.2707, 0.3202,
0.3654

 9.6358, 0.3295,
0.4406

278.3767, 0.3198,
0.3631

 5.1582, 0.3307,
0.4689

332.7552, 0.3194,

 2.3404, 0.3320,

0.3610

393.7908, 0.3191,
0.3592

0.5181

0.7950, 0.2905,
0.7095

0.0000, 0.0000,
0.0000

70.3756, 0.3233,
0.3840

70.3756, 0.3233,
0.3840

67.7563, 0.3279,
0.4138

73.3176, 0.3183,
0.3562

65.4389, 0.3318,
0.4449

76.5842, 0.3131,
0.3307

63.4141, 0.3346,
0.4762

80.1889, 0.3079,
0.3077

61.6684, 0.3359,
0.5062

83.0809, 0.3127,
0.3018

■ 60.1871, 0.3353,
0.5331

■ 83.4276, 0.3140,
0.3019

■ 58.9540, 0.3329,
0.5552

■ 57.9501, 0.3286,
0.5714

■ 57.1967, 0.3236,
0.5813

Harmonies

Analogous

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



70.3756, 0.3535, 0.3855



70.3756, 0.3233, 0.3840



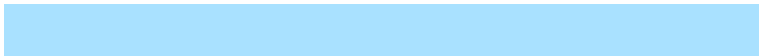
70.3756, 0.2913, 0.3652

Triad

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



70.3756, 0.3233, 0.3840



70.3756, 0.2550, 0.2842



70.3756, 0.3612, 0.3203

Complementary

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



70.3756, 0.3233, 0.3840



51.6121, 0.2998, 0.2752

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.



70.3756, 0.3325, 0.2965



70.3756, 0.3233, 0.3840



70.3756, 0.2716, 0.2758

Square

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



70.3756, 0.3233, 0.3840



70.3756, 0.2530, 0.3055



70.3756, 0.2995, 0.2805



70.3756, 0.3764, 0.3472

Rectangle

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



70.3756, 0.3233, 0.3840



70.3756, 0.2732, 0.3459



70.3756, 0.2995, 0.2805



70.3756, 0.3527, 0.3117

Sweetspot

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



70.3786, 0.3233, 0.3840



97.3621, 0.3159, 0.3440



64.4631, 0.3480, 0.3598



20.7801, 0.3162, 0.3457



0.0000, 0.0000, 0.0000



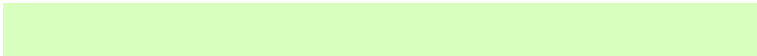
21.4041, 0.3127, 0.3290

Same Dimension

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



70.3786, 0.3233, 0.3840



90.0354, 0.3254, 0.3971



68.1091, 0.3076, 0.3813



16.3712, 0.3176, 0.3529



33.4154, 0.3246, 0.5805



2.5222, 0.3361, 0.5713

Inverse Universe

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



51.6121, 0.2998, 0.2752



61.2995, 0.2965, 0.2628



54.3117, 0.3182, 0.2817



14.3104, 0.3074, 0.3054



6.3333, 0.2227, 0.1001



0.5218, 0.2368, 0.1078

Previews

White Background



This preview shows how the Yxy color 70.3756, 0.3233, 0.3840 looks on a white background.

Color Contrast Check

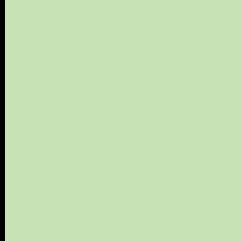
Large Text (above 18pt) WCAG AA × Fail

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 70.3756, 0.3233, 0.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

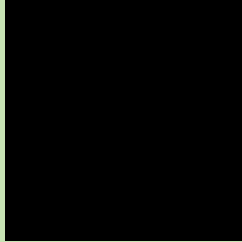
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

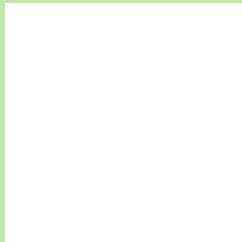
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3756, 0.3233, 0.3840

Background



This preview shows how black text looks on a background with the Yxy color 70.3756, 0.3233, 0.3840.

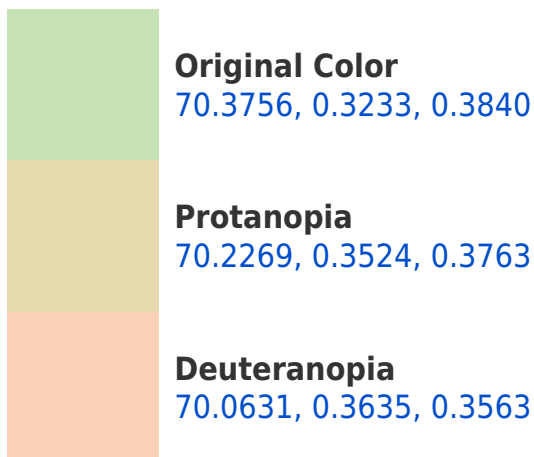


This preview shows how white text looks on a background with the Yxy color 70.3756, 0.3233, 0.3840.

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

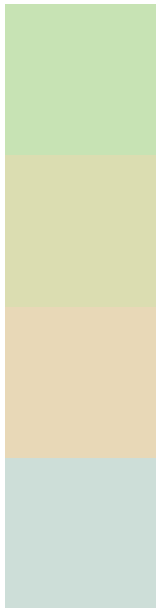




Tritanopia

70.1874, 0.2936, 0.3092

Trichromacy



Original Color

70.3756, 0.3233, 0.3840

Protanomaly

69.9473, 0.3411, 0.3786

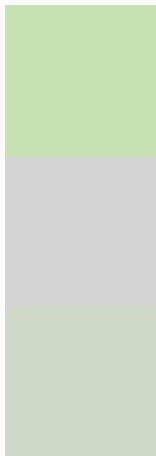
Deuteranomaly

69.6864, 0.3479, 0.3652

Tritanomaly

70.1796, 0.3047, 0.3357

Monochromacy



Original Color

70.3756, 0.3233, 0.3840

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.7698, 0.3169, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3756, 0.3233, 0.3840 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(199, 227, 180)` looks like.

```
.text, #text, p{  
    color:rgb(199, 227, 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(199, 227, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 227, 180) }
```

Border

The CSS property to change the border of an element to Yxy 70.3756, 0.3233, 0.3840 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(199, 227, 180) }
```

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

```
.border{ border-color:rgb(199, 227, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 227, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 227, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 227, 180);  
box-shadow:4px 4px 4px 4px rgb(199, 227,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3756, 0.3233, 0.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 227, 180) }
```

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

```
.background{ background-color: rgb(199,  
227, 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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