

Converting Colors

$Yxy(70.9524, 0.3203, 0.3754)$

Have a look what the booklet for
Yxy(70.9524, 0.3203, 0.3754)
contains.

Yxy(70.9435, 0.3203, 0.3754)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.9435, 0.3203, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	C9E3BB
RGB	201, 227, 187
RGB Percent	79%, 89%, 73%
CMY	0.2116, 0.1098, 0.2667
CMYK	0.11, 0.00, 0.18, 0.11
HSL	99°, 42%, 81%
HSV	99°, 18%, 89%
XYZ	60.5306, 70.9435, 57.5069
YIQ	214.6660, -2.6560, -17.9520

Conversions

Conversions Part 2

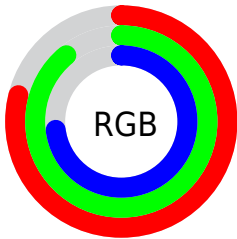
Format	Color
RYB	187, 227, 213
Decimal	13231035
CIELab	87.46, -15.76, 16.71
CIELCh	87, 22.969, 133.323
Yxy	70.9435, 0.3203, 0.3754
Android (android.graphics.Color)	4291421115 (0xFFC9E3BB)
YUV	214.6660, -13.6393, -11.9851
Hunter-Lab	84.2280, -19.1195, 18.4791

Details

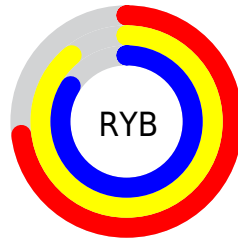
The Yxy color **70.9435, 0.3203, 0.3754** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.2188, 0.3037, 0.2839**, and the grayscale version is **67.8169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **37.4293, 0.3216, 0.3872** is the 20% darker color. If you saturate the color by 10%, you get **68.1049, 0.3242, 0.4050**, and if you desaturate by 10%, it is **74.1377, 0.3160, 0.3481**.

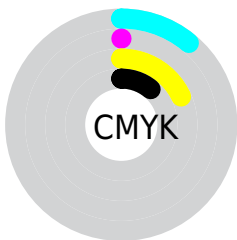
Distribution



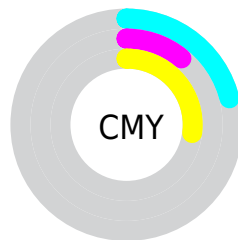
- Red (79%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (84%)



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




- Cyan (21%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9435, 0.3203, 0.3754 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 70.9435, 0.3203, 0.3754 by changing the saturation by 10% instead.


 70.9435, 0.3203,
0.3754

 70.9435, 0.3203,
0.3754

463.8559, 0.3171,
0.3533

 52.2961, 0.3210,
0.3806


 120.5533, 0.3192,
0.3676

 37.2411, 0.3217,
0.3872


152.2844, 0.3188,
0.3646

 25.3942, 0.3226,
0.3956


189.1456, 0.3184,
0.3620

 16.3710, 0.3237,
0.4069

231.5212, 0.3181,
0.3598

 9.7871, 0.3248,
0.4227

279.7957, 0.3178,
0.3578

 5.2580, 0.3258,
0.4462


334.3533, 0.3175,


 2.3994, 0.3258,


0.3561

0.4850


395.5786, 0.3173,
0.3546


 0.8256, 0.3264,
0.6736


 0.0000, 0.0000,
0.0000


 70.9435, 0.3203,
0.3754


 70.9435, 0.3203,
0.3754


 68.1049, 0.3242,
0.4050

 74.1377, 0.3160,
0.3481


 65.6001, 0.3275,
0.4364

 77.6903, 0.3117,
0.3234

 63.4185, 0.3299,
0.4684

 81.6104, 0.3074,
0.3013

 61.5457, 0.3310,
0.4998

 83.4175, 0.3140,
0.3019

■ 59.9660, 0.3305,
0.5286

■ 58.6619, 0.3283,
0.5530

■ 57.6137, 0.3244,
0.5714

■ 56.7967, 0.3193,
0.5834

■ 56.6295, 0.3180,
0.5857

Harmonies

Analogous

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



70.9435, 0.3466, 0.3780



70.9435, 0.3203, 0.3754



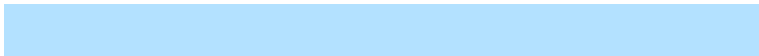
70.9435, 0.2928, 0.3585

Triad

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



70.9435, 0.3203, 0.3754



70.9435, 0.2633, 0.2897



70.9435, 0.3556, 0.3231

Complementary

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



70.9435, 0.3203, 0.3754



55.2188, 0.3037, 0.2839

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.



70.9435, 0.3316, 0.3019



70.9435, 0.3203, 0.3754



70.9435, 0.2785, 0.2828

Square

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



70.9435, 0.3203, 0.3754



70.9435, 0.2607, 0.3076



70.9435, 0.3032, 0.2874



70.9435, 0.3677, 0.3465

Rectangle

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



70.9435, 0.3203, 0.3754



70.9435, 0.2774, 0.3419



70.9435, 0.3032, 0.2874



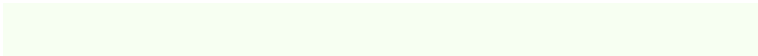
70.9435, 0.3486, 0.3155

Sweetspot

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



70.9466, 0.3203, 0.3754



97.6702, 0.3149, 0.3414



67.1684, 0.3418, 0.3572



20.8374, 0.3152, 0.3432



0.0000, 0.0000, 0.0000



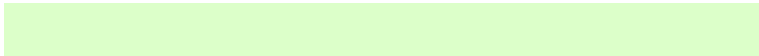
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9466, 0.3203, 0.3754



91.0127, 0.3217, 0.3855



69.3203, 0.3071, 0.3702



16.3340, 0.3168, 0.3529



33.0858, 0.3191, 0.5849



2.4953, 0.3304, 0.5759

Inverse Universe

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



55.2188, 0.3037, 0.2839



67.0707, 0.3015, 0.2744



57.1205, 0.3188, 0.2910



14.3488, 0.3082, 0.3054



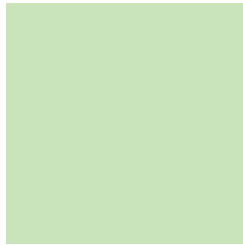
6.9363, 0.2344, 0.1065



0.5639, 0.2472, 0.1135

Previews

White Background



This preview shows how the Yxy color 70.9435, 0.3203, 0.3754 looks on a white background.

Color Contrast Check

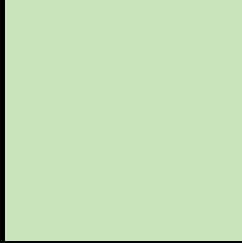
Large Text (above 18pt) WCAG AA × Fail

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 70.9435, 0.3203, 0.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

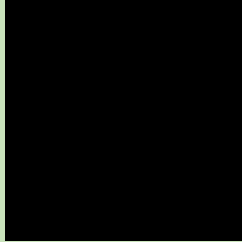
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

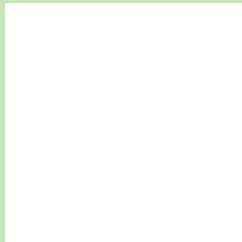
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9435, 0.3203, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 70.9435, 0.3203, 0.3754.

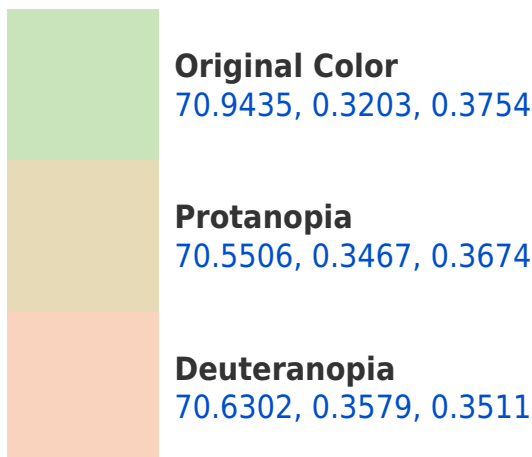


This preview shows how white text looks on a background with the Yxy color 70.9435, 0.3203, 0.3754.

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

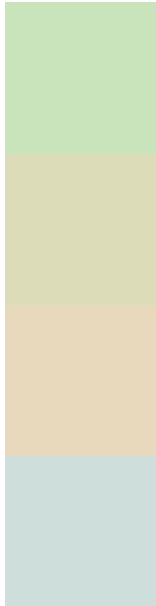




Tritanopia

70.8561, 0.2943, 0.3104

Trichromacy



Original Color

70.9435, 0.3203, 0.3754

Protanomaly

70.3892, 0.3370, 0.3705

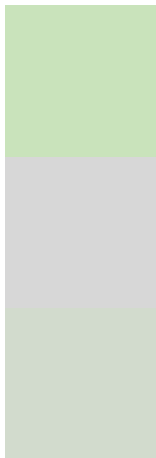
Deuteranomaly

70.4556, 0.3434, 0.3596

Tritanomaly

71.0116, 0.3035, 0.3335

Monochromacy



Original Color

70.9435, 0.3203, 0.3754

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.7725, 0.3156, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9435, 0.3203, 0.3754 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(201, 227, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 227, 187)  
}
```

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(201, 227, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 227, 187) }
```

Border

The CSS property to change the border of an element to Yxy 70.9435, 0.3203, 0.3754 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(201, 227, 187) }
```

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

```
.border{ border-color:rgb(201, 227, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 227, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 227, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 227, 187);  
box-shadow:4px 4px 4px 4px rgb(201, 227,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9435, 0.3203, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 227, 187) }
```

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

```
.background{ background-color: rgb(201,  
227, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor