

Converting Colors

$Yxy(74.3835, 0.3282, 0.4170)$

Have a look what the booklet for
Yxy(74.3835, 0.3282, 0.4170)
contains.

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Color

Yxy(74.3835, 0.3282, 0.4170)

Conversions

Conversions Part 1

Format	Color
Hex	C0EDA2
RGB	192, 237, 162
RGB Percent	75%, 93%, 64%
CMY	0.2471, 0.0706, 0.3647
CMYK	0.19, 0.00, 0.32, 0.07
HSL	96°, 68%, 78%
HSV	96°, 32%, 93%
XYZ	58.5436, 74.3835, 45.4506
YIQ	214.9950, -2.7450, -32.8650

Conversions

Conversions Part 2

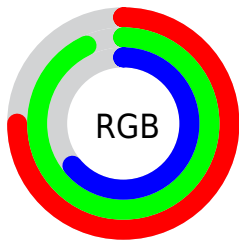
Format	Color
RYB	162, 237, 207
Decimal	12643746
CIELab	89.10, -27.61, 31.74
CIElCh	89, 42.072, 131.021
Yxy	74.3835, 0.3282, 0.4170
Android (android.graphics.Color)	4290833826 (0xFFC0EDA2)
YUV	214.9950, -26.1265, -20.1666
Hunter-Lab	86.2459, -29.7648, 29.1269

Details

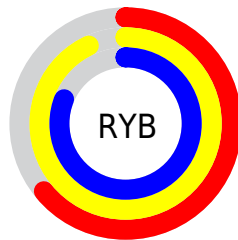
The Yxy color **74.3835, 0.3282, 0.4170** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **45.2187, 0.2913, 0.2442**, and the grayscale version is **68.1346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6695, 0.3312, 0.3666**, and **39.4919, 0.3297, 0.4390** is the 20% darker color. If you saturate the color by 10%, you get **71.8543, 0.3319, 0.4483**, and if you desaturate by 10%, it is **77.2573, 0.3237, 0.3869**.

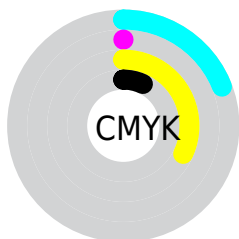
Distribution



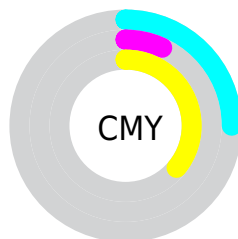
- Red (75%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (81%)



- Cyan (19%)
- Magenta (0%)
- Yellow (32%)
- Black (7%)





- Cyan (25%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3835, 0.3282, 0.4170 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 74.3835, 0.3282, 0.4170 by changing the saturation by 10% instead.


 74.3835, 0.3282,
0.4170

 74.3835, 0.3282,
0.4170

475.7959, 0.3222,
0.3747

 55.1080, 0.3292,
0.4270


 125.4393, 0.3264,
0.4021

 39.4882, 0.3303,
0.4394


 157.9884, 0.3256,
0.3963

 27.1397, 0.3313,
0.4554


195.7307, 0.3249,
0.3914

 17.6782, 0.3320,
0.4766


239.0508, 0.3243,
0.3872

 10.7192, 0.3317,
0.5057

288.3329, 0.3237,
0.3835

 5.8783, 0.3287,
0.5477


343.9616, 0.3231,

 2.7712, 0.3351,


0.3802


0.6454


406.3211, 0.3227,
0.3773


 1.0135, 0.2188,
0.7812


 0.0000, 0.0000,
0.0000


 74.3835, 0.3282,
0.4170


 74.3835, 0.3282,
0.4170

 71.8543, 0.3319,
0.4483


 77.2573, 0.3237,
0.3869


 69.6461, 0.3345,
0.4796

 80.4792, 0.3187,
0.3588

 67.7469, 0.3356,
0.5095

 84.0647, 0.3136,
0.3330

 66.1403, 0.3349,
0.5360

 87.9093, 0.3095,
0.3115

■ 64.8077, 0.3322,
0.5576

■ 89.0517, 0.3135,
0.3117

■ 63.7276, 0.3277,
0.5731

■ 62.9944, 0.3231,
0.5817

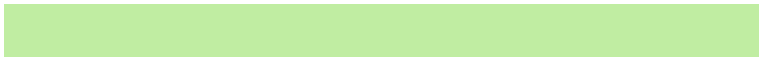
Harmonies

Analogous

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



74.3835, 0.3750, 0.4163



74.3835, 0.3282, 0.4170



74.3835, 0.2794, 0.3873

Triad

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



74.3835, 0.3282, 0.4170



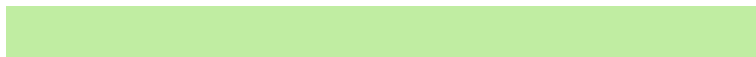
74.3835, 0.2257, 0.2603



74.3835, 0.3877, 0.3140

Complementary

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



74.3835, 0.3282, 0.4170



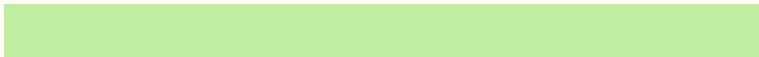
45.2187, 0.2913, 0.2442

Split Complementary

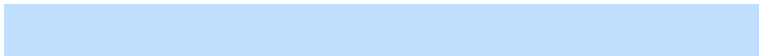
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3835, 0.3419, 0.2795



74.3835, 0.3282, 0.4170



74.3835, 0.2494, 0.2489

Square

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



74.3835, 0.3282, 0.4170



74.3835, 0.2228, 0.2915



74.3835, 0.2909, 0.2563



74.3835, 0.4119, 0.3536

Rectangle

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



74.3835, 0.3282, 0.4170



74.3835, 0.2523, 0.3556



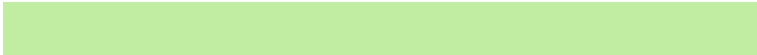
74.3835, 0.2909, 0.2563



74.3835, 0.3741, 0.3016

Sweetspot

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



74.3867, 0.3282, 0.4170



96.0904, 0.3174, 0.3518



64.6368, 0.3702, 0.3771



20.4392, 0.3181, 0.3557



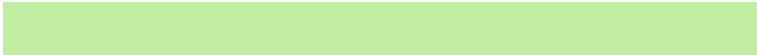
0.0000, 0.0000, 0.0000



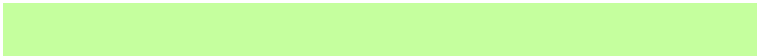
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3867, 0.3282, 0.4170



85.8439, 0.3307, 0.4373



71.0888, 0.3048, 0.4145



17.1561, 0.3176, 0.3529



34.4622, 0.3242, 0.5808



2.7607, 0.3350, 0.5722

Inverse Universe

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



45.2187, 0.2913, 0.2442



46.3429, 0.2856, 0.2255



49.5999, 0.3215, 0.2563



14.9958, 0.3074, 0.3053



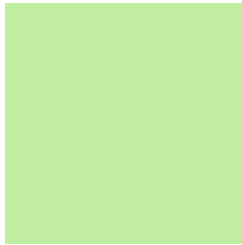
6.5657, 0.2233, 0.1004



0.5713, 0.2366, 0.1077

Previews

White Background



This preview shows how the Yxy color 74.3835, 0.3282, 0.4170 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 74.3835, 0.3282, 0.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

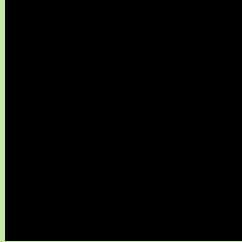
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3835, 0.3282, 0.4170

Background



This preview shows how black text looks on a background with the Yxy color 74.3835, 0.3282, 0.4170.

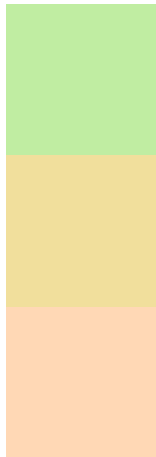


This preview shows how white text looks on a background with the Yxy color 74.3835, 0.3282, 0.4170.

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



Original Color

74.3835, 0.3282, 0.4170

Protanopia

73.8764, 0.3719, 0.4001

Deuteranopia

73.7079, 0.3672, 0.3651



Tritanopia

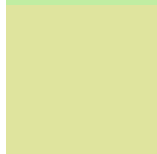
74.5099, 0.2871, 0.3095

Trichromacy



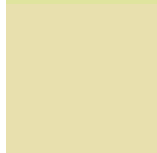
Original Color

74.3835, 0.3282, 0.4170



Protanomaly

73.6434, 0.3552, 0.4065



Deuteranomaly

73.5231, 0.3524, 0.3834



Tritanomaly

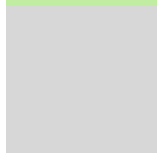
74.3375, 0.3018, 0.3470

Monochromacy



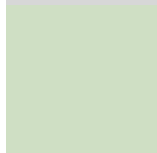
Original Color

74.3835, 0.3282, 0.4170



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.0263, 0.3191, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3835, 0.3282, 0.4170 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(192, 237, 162)` looks like.

```
.text, #text, p{  
    color:rgb(192, 237, 162)  
}
```

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(192, 237, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 237, 162) }
```

Border

The CSS property to change the border of an element to Yxy 74.3835, 0.3282, 0.4170 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(192, 237, 162) }
```

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

```
.border{ border-color:rgb(192, 237, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 237, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 237, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 237, 162);  
box-shadow:4px 4px 4px 4px rgb(192, 237,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3835, 0.3282, 0.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 237, 162) }
```

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

```
.background{ background-color: rgb(192,  
237, 162) }
```

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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