

Converting Colors

Yxy(78.4832, 0.3311, 0.4247)

Have a look what the booklet for
Yxy(78.4832, 0.3311, 0.4247)
contains.

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Color

Yxy(78.3750, 0.3311, 0.4243)

Conversions

Conversions Part 1

Format	Color
Hex	C4F3A0
RGB	196, 243, 160
RGB Percent	77%, 95%, 63%
CMY	0.2315, 0.0470, 0.3724
CMYK	0.19, 0.00, 0.34, 0.05
HSL	94°, 78%, 79%
HSV	94°, 34%, 95%
XYZ	61.1595, 78.3750, 45.1815
YIQ	219.4850, -1.3690, -35.7770

Conversions

Conversions Part 2

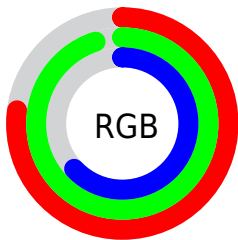
Format	Color
RYB	160, 243, 207
Decimal	12907424
CIELab	90.95, -29.33, 35.22
CIElCh	91, 45.836, 129.786
Yxy	78.3750, 0.3311, 0.4243
Android (android.graphics.Color)	4291097504 (0xFFC4F3A0)
YUV	219.4850, -29.3261, -20.5963
Hunter-Lab	88.5297, -31.6127, 31.7118

Details

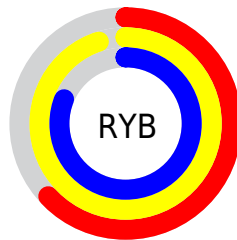
The Yxy color **78.3750, 0.3311, 0.4243** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **44.9047, 0.2869, 0.2363**, and the grayscale version is **71.4030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4971, 0.3357, 0.3682**, and **42.2649, 0.3338, 0.4492** is the 20% darker color. If you saturate the color by 10%, you get **75.8460, 0.3351, 0.4554**, and if you desaturate by 10%, it is **81.2466, 0.3262, 0.3941**.

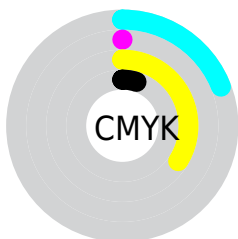
Distribution



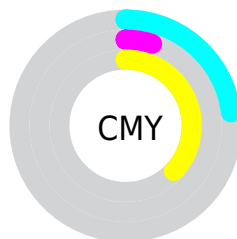
- Red (77%)
- Green (95%)
- Blue (63%)



- Red (63%)
- Yellow (95%)
- Blue (81%)



- Cyan (19%)
- Magenta (0%)
- Yellow (34%)
- Black (5%)




- Cyan (23%)
- Magenta (5%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3750, 0.3311, 0.4243 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 78.3750, 0.3311, 0.4243 by changing the saturation by 10% instead.


 78.3750, 0.3311,
0.4243


 78.3750, 0.3311,
0.4243


489.4394, 0.3241,
0.3789

 58.3821, 0.3323,
0.4349


 131.0786, 0.3290,
0.4083

 42.1159, 0.3335,
0.4481


 164.5581, 0.3281,
0.4022

 29.1921, 0.3346,
0.4648


203.3019, 0.3272,
0.3969

 19.2262, 0.3354,
0.4868

247.6944, 0.3265,
0.3924

 11.8338, 0.3351,
0.5165

298.1200, 0.3258,
0.3884

 6.6306, 0.3319,
0.5585


354.9631, 0.3252,


 3.2322, 0.3361,


0.3848


0.6512

418.6081, 0.3246,
0.3817


 1.2541, 0.2581,
0.7419


 0.1053, 0.0000,
1.0000


 78.3750, 0.3311,
0.4243

 78.3750, 0.3311,
0.4243


 75.8460, 0.3351,
0.4554


 81.2466, 0.3262,
0.3941


 73.6352, 0.3379,
0.4860

 84.4640, 0.3207,
0.3655

 71.7306, 0.3389,
0.5147

 88.0430, 0.3151,
0.3392

 70.1150, 0.3380,
0.5397

 91.8499, 0.3107,
0.3174

■ 68.7692, 0.3350,
0.5594

■ 92.5858, 0.3133,
0.3175

■ 67.6707, 0.3301,
0.5731

■ 67.1246, 0.3268,
0.5787

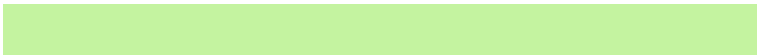
Harmonies

Analogous

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



78.3750, 0.3808, 0.4216



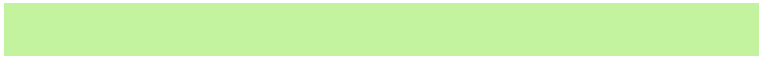
78.3750, 0.3311, 0.4243



78.3750, 0.2789, 0.3937

Triad

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



78.3750, 0.3311, 0.4243



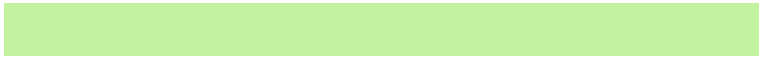
78.3750, 0.2195, 0.2565



78.3750, 0.3914, 0.3111

Complementary

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



78.3750, 0.3311, 0.4243



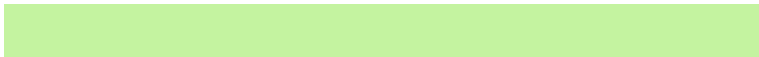
44.9047, 0.2869, 0.2363

Split Complementary

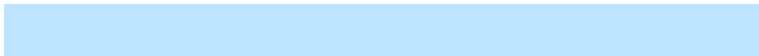
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3750, 0.3416, 0.2750



78.3750, 0.3311, 0.4243



78.3750, 0.2437, 0.2439

Square

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



78.3750, 0.3311, 0.4243



78.3750, 0.2174, 0.2903



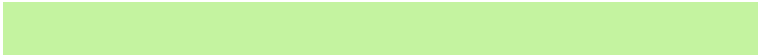
78.3750, 0.2871, 0.2511



78.3750, 0.4184, 0.3530

Rectangle

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



78.3750, 0.3311, 0.4243



78.3750, 0.2497, 0.3597



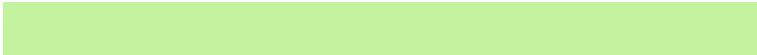
78.3750, 0.2871, 0.2511



78.3750, 0.3765, 0.2981

Sweetspot

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



78.3784, 0.3311, 0.4243



95.8259, 0.3184, 0.3544



66.2490, 0.3762, 0.3797



20.3922, 0.3192, 0.3582



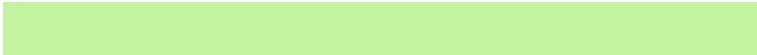
0.0000, 0.0000, 0.0000



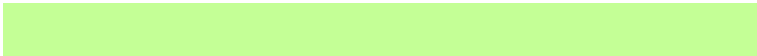
21.4041, 0.3127, 0.3290

Same Dimension

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



78.3784, 0.3311, 0.4243



85.4367, 0.3340, 0.4459



74.3217, 0.3049, 0.4244



18.8230, 0.3181, 0.3530



36.9140, 0.3280, 0.5778



3.3039, 0.3377, 0.5701

Inverse Universe

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



44.9047, 0.2869, 0.2363



42.8366, 0.2800, 0.2160



50.3555, 0.3212, 0.2492



16.3902, 0.3068, 0.3052



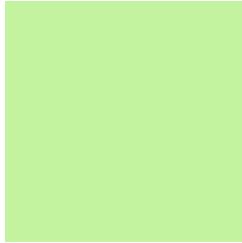
6.5865, 0.2159, 0.0963



0.6396, 0.2285, 0.1033

Previews

White Background



This preview shows how the Yxy color 78.3750, 0.3311, 0.4243 looks on a white background.

Color Contrast Check

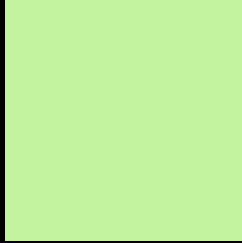
Large Text (above 18pt) WCAG AA × Fail

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 78.3750, 0.3311, 0.4243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

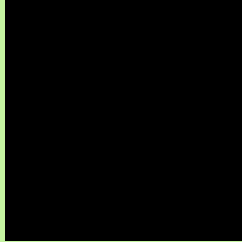
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3750, 0.3311, 0.4243

Background



This preview shows how black text looks on a background with the Yxy color 78.3750, 0.3311, 0.4243.

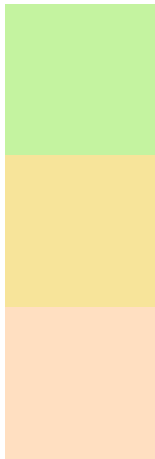


This preview shows how white text looks on a background with the Yxy color 78.3750, 0.3311, 0.4243.

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

78.3750, 0.3311, 0.4243

Protanopia

77.5941, 0.3761, 0.4056

Deuteranopia

77.8856, 0.3567, 0.3597



Tritanopia

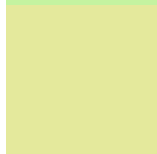
78.3170, 0.2876, 0.3099

Trichromacy



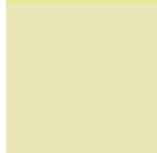
Original Color

78.3750, 0.3311, 0.4243



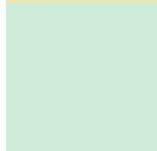
Protanomaly

77.1721, 0.3588, 0.4124



Deuteranomaly

77.4222, 0.3477, 0.3815



Tritanomaly

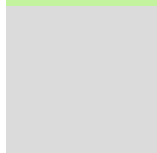
77.9798, 0.3038, 0.3500

Monochromacy



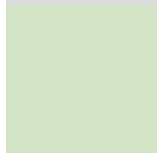
Original Color

78.3750, 0.3311, 0.4243



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

73.4129, 0.3202, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3750, 0.3311, 0.4243 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(196, 243, 160)` looks like.

```
.text, #text, p{  
    color:rgb(196, 243, 160)  
}
```

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(196, 243, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 243, 160) }
```

Border

The CSS property to change the border of an element to Yxy 78.3750, 0.3311, 0.4243 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(196, 243, 160) }
```

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

```
.border{ border-color:rgb(196, 243, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 243, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 243, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 243, 160); box-shadow:4px 4px 4px 4px rgb(196, 243, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3750, 0.3311, 0.4243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 243, 160) }
```

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

```
.background{ background-color: rgb(196,  
243, 160) }
```

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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