

Converting Colors

$Yxy(76.3835, 0.3118, 0.3770)$

Have a look what the booklet for
Yxy(76.3835, 0.3118, 0.3770)
contains.

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Color

Yxy(76.3788, 0.3118, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	C5EDC3
RGB	197, 237, 195
RGB Percent	77%, 93%, 76%
CMY	0.2273, 0.0706, 0.2353
CMYK	0.17, 0.00, 0.18, 0.07
HSL	117°, 54%, 85%
HSV	117°, 18%, 93%
XYZ	63.1695, 76.3788, 63.0480
YIQ	220.2520, -10.3580, -21.5420

Conversions

Conversions Part 2

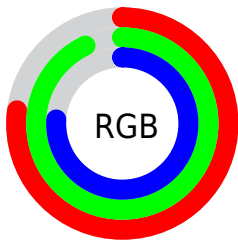
Format	Color
RYB	195, 237, 235
Decimal	12971459
CIELab	90.03, -20.71, 16.12
CIELCh	90, 26.241, 142.099
Yxy	76.3788, 0.3118, 0.3770
Android (android.graphics.Color)	4291161539 (0xFFC5EDC3)
YUV	220.2520, -12.4492, -20.3920
Hunter-Lab	87.3950, -23.9205, 18.4038

Details

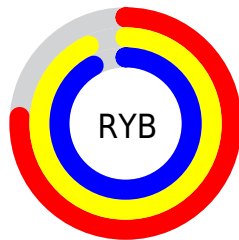
The Yxy color **76.3788, 0.3118, 0.3770** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.8045, 0.3132, 0.2849**, and the grayscale version is **71.8567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6191, 0.3138, 0.3319**, and **40.8105, 0.3116, 0.3893** is the 20% darker color. If you saturate the color by 10%, you get **72.5727, 0.3110, 0.4087**, and if you desaturate by 10%, it is **80.8170, 0.3124, 0.3486**.

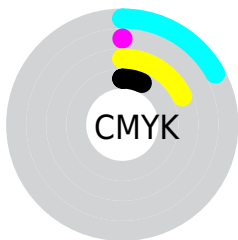
Distribution



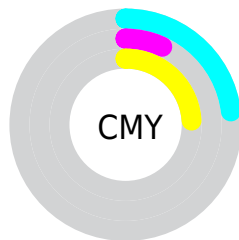
- Red (77%)
- Green (93%)
- Blue (76%)



- Red (76%)
- Yellow (93%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)



- Cyan (23%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3788, 0.3118, 0.3770 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 76.3788, 0.3118, 0.3770 by changing the saturation by 10% instead.


 76.3788, 0.3118,
0.3770

 76.3788, 0.3118,
0.3770


482.6434, 0.3126,
0.3543

 56.7432, 0.3115,
0.3823


 128.2622, 0.3121,
0.3690

 40.7991, 0.3112,
0.3889


161.2788, 0.3123,
0.3659

 28.1621, 0.3106,
0.3975


199.5245, 0.3123,
0.3633

 18.4479, 0.3097,
0.4087

243.3837, 0.3124,
0.3610

 11.2720, 0.3083,
0.4244

293.2408, 0.3125,
0.3590

 6.2501, 0.3057,
0.4476


349.4802, 0.3125,


 2.9978, 0.3002,


0.3573


0.4852

412.4863, 0.3125,
0.3557


 1.1306, 0.3121,
0.6410

 0.0039, 0.0000,
1.0000


 76.3788, 0.3118,
0.3770


 76.3788, 0.3118,
0.3770

 72.5727, 0.3110,
0.4087


 80.8170, 0.3124,
0.3486

 69.3607, 0.3100,
0.4430

 85.9039, 0.3128,
0.3236

 66.7159, 0.3087,
0.4786

 89.0452, 0.3135,
0.3117

 64.6052, 0.3072,
0.5136

■ 62.9922, 0.3055,
0.5453

■ 61.8361, 0.3038,
0.5711

■ 61.0894, 0.3022,
0.5888

■ 60.6929, 0.3009,
0.5980

■ 60.6397, 0.3008,
0.5994

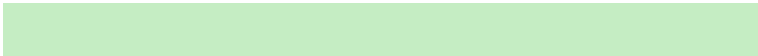
Harmonies

Analogous

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



76.3788, 0.3424, 0.3846



76.3788, 0.3118, 0.3770



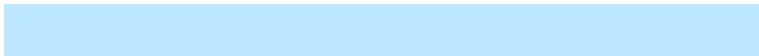
76.3788, 0.2825, 0.3542

Triad

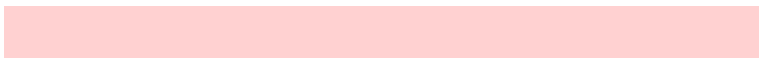
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3788, 0.3118, 0.3770



76.3788, 0.2614, 0.2816



76.3788, 0.3662, 0.3298

Complementary

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



76.3788, 0.3118, 0.3770



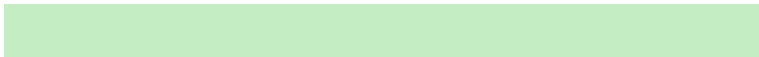
62.8045, 0.3132, 0.2849

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.



76.3788, 0.3424, 0.3052



76.3788, 0.3118, 0.3770



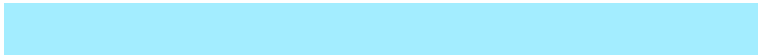
76.3788, 0.2817, 0.2780

Square

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



76.3788, 0.3118, 0.3770



76.3788, 0.2543, 0.2980



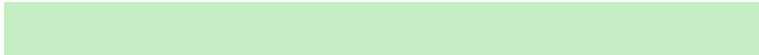
76.3788, 0.3112, 0.2867



76.3788, 0.3748, 0.3554

Rectangle

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



76.3788, 0.3118, 0.3770



76.3788, 0.2674, 0.3345



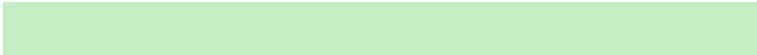
76.3788, 0.3112, 0.2867



76.3788, 0.3597, 0.3212

Sweetspot

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



76.3821, 0.3118, 0.3770



96.9770, 0.3125, 0.3415



81.3009, 0.3397, 0.3710



20.6695, 0.3125, 0.3433



0.0000, 0.0000, 0.0000



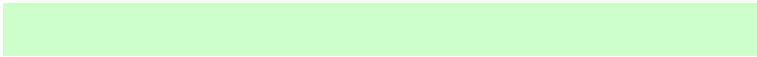
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3821, 0.3118, 0.3770



88.6018, 0.3116, 0.3873



77.0188, 0.2992, 0.3550



16.8969, 0.3123, 0.3533



33.1247, 0.3011, 0.5992



2.6134, 0.3039, 0.5969

Inverse Universe

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



62.8045, 0.3132, 0.2849



69.9748, 0.3133, 0.2763



62.1057, 0.3289, 0.3043



15.2744, 0.3130, 0.3057



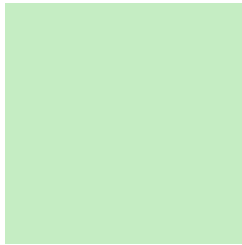
12.1407, 0.3088, 0.1475



0.9648, 0.3106, 0.1485

Previews

White Background



This preview shows how the Yxy color 76.3788, 0.3118, 0.3770 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 76.3788, 0.3118, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

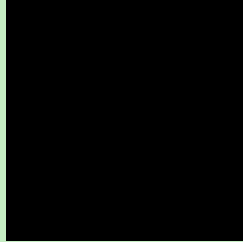
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

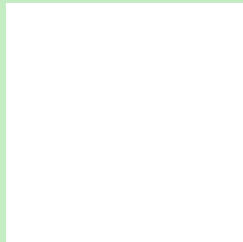
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3788, 0.3118, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 76.3788, 0.3118, 0.3770.

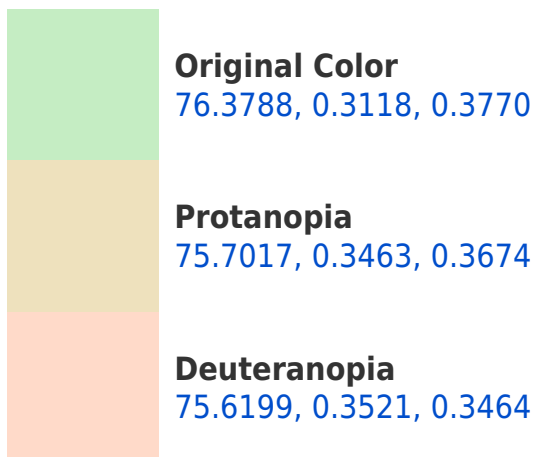


This preview shows how white text looks on a background with the Yxy color 76.3788, 0.3118, 0.3770.

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

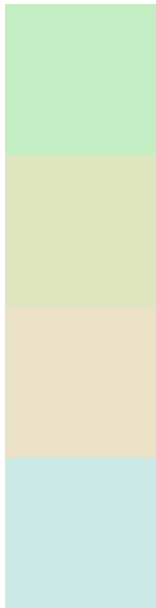




Tritanopia

76.4928, 0.2862, 0.3096

Trichromacy



Original Color

76.3788, 0.3118, 0.3770

Protanomaly

75.4882, 0.3332, 0.3707

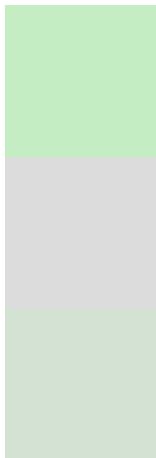
Deuteranomaly

75.4664, 0.3365, 0.3568

Tritanomaly

76.6315, 0.2954, 0.3334

Monochromacy



Original Color

76.3788, 0.3118, 0.3770

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

73.0929, 0.3126, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3788, 0.3118, 0.3770 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(197, 237, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 237, 195)  
}
```

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(197, 237, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 237, 195) }
```

Border

The CSS property to change the border of an element to Yxy 76.3788, 0.3118, 0.3770 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(197, 237, 195) }
```

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

```
.border{ border-color:rgb(197, 237, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 237, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 237, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 237, 195);  
box-shadow:4px 4px 4px 4px rgb(197, 237,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3788, 0.3118, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 237, 195) }
```

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

```
.background{ background-color: rgb(197,  
237, 195) }
```

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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