

Converting Colors

$Yxy(71.7490, 0.3135, 0.3635)$

Have a look what the booklet for
Yxy(71.7490, 0.3135, 0.3635)
contains.

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Color

Yxy(71.9815, 0.3132, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	C9E4C6
RGB	201, 228, 198
RGB Percent	79%, 89%, 78%
CMY	0.2115, 0.1059, 0.2235
CMYK	0.12, 0.00, 0.13, 0.11
HSL	114°, 36%, 84%
HSV	114°, 13%, 89%
XYZ	62.0380, 71.9815, 64.0584
YIQ	216.5070, -6.4620, -15.0540

Conversions

Conversions Part 2

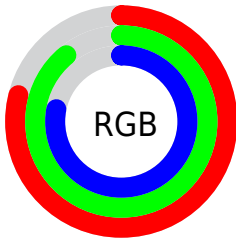
Format	Color
RYB	198, 228, 225
Decimal	13231302
CIELab	87.96, -14.38, 11.66
CIELCh	88, 18.512, 140.977
Yxy	71.9815, 0.3132, 0.3634
Android (android.graphics.Color)	4291421382 (0xFFC9E4C6)
YUV	216.5070, -9.1240, -13.5996
Hunter-Lab	84.8419, -17.9508, 14.6235

Details

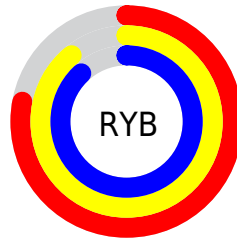
The Yxy color **71.9815, 0.3132, 0.3634** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.9934, 0.3119, 0.2964**, and the grayscale version is **69.1094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1038, 0.3133, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **68.3576, 0.3133, 0.3933**, and if you desaturate by 10%, it is **76.1483, 0.3129, 0.3367**.

Distribution



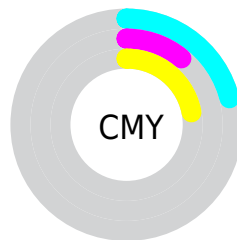
- Red (79%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9815, 0.3132, 0.3634 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 71.9815, 0.3132, 0.3634 by changing the saturation by 10% instead.

■ 71.9815, 0.3132,
0.3634

■ 71.9815, 0.3132,
0.3634

467.4772, 0.3132,
0.3471

■ 53.1436, 0.3132,
0.3672

122.0302, 0.3132,
0.3577

■ 37.9174, 0.3131,
0.3720

154.0098, 0.3132,
0.3554

■ 25.9186, 0.3130,
0.3782

191.1387, 0.3132,
0.3536

■ 16.7627, 0.3127,
0.3864

233.8014, 0.3132,
0.3519

■ 10.0655, 0.3122,
0.3978

282.3822, 0.3132,
0.3505

■ 5.4424, 0.3112,
0.4150


337.2655, 0.3132,

■ 2.5091, 0.3089,


0.3492


0.4432


398.8357, 0.3132,
0.3481


 0.8812, 0.3217,
0.5827


 0.0000, 0.0000,
0.0000


 71.9815, 0.3132,
0.3634


 71.9815, 0.3132,
0.3634


 68.3576, 0.3133,
0.3933


 76.1483, 0.3129,
0.3367

 65.2456, 0.3131,
0.4260

 80.8694, 0.3124,
0.3133

 62.6249, 0.3126,
0.4606

 83.9600, 0.3139,
0.3029

 60.4705, 0.3116,
0.4956

■ 58.7548, 0.3100,
0.5287

■ 57.4473, 0.3081,
0.5574

■ 56.5138, 0.3058,
0.5794

■ 55.9141, 0.3034,
0.5931

■ 55.6646, 0.3020,
0.5984

Harmonies

Analogous

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



71.9815, 0.3351, 0.3687



71.9815, 0.3132, 0.3634



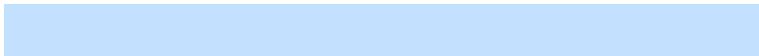
71.9815, 0.2917, 0.3478

Triad

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



71.9815, 0.3132, 0.3634



71.9815, 0.2750, 0.2950



71.9815, 0.3506, 0.3292

Complementary

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



71.9815, 0.3132, 0.3634



61.9934, 0.3119, 0.2964

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.



71.9815, 0.3334, 0.3111



71.9815, 0.3132, 0.3634



71.9815, 0.2897, 0.2917

Square

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



71.9815, 0.3132, 0.3634



71.9815, 0.2702, 0.3076



71.9815, 0.3110, 0.2976



71.9815, 0.3572, 0.3480

Rectangle

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



71.9815, 0.3132, 0.3634



71.9815, 0.2804, 0.3340



71.9815, 0.3110, 0.2976



71.9815, 0.3458, 0.3229

Sweetspot

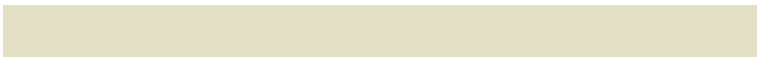
The Sweet Spot groups the original color and five complimentary colors.



71.9846, 0.3132, 0.3634



97.6639, 0.3129, 0.3389



74.1454, 0.3328, 0.3578



20.8129, 0.3129, 0.3409



0.0000, 0.0000, 0.0000



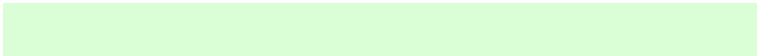
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9846, 0.3132, 0.3634



91.3451, 0.3133, 0.3719



72.1164, 0.3039, 0.3501



16.1590, 0.3131, 0.3532



32.1703, 0.3025, 0.5980



2.4011, 0.3085, 0.5932

Inverse Universe

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



61.9934, 0.3119, 0.2964



75.8953, 0.3117, 0.2889



61.8709, 0.3227, 0.3088



14.5368, 0.3122, 0.3057



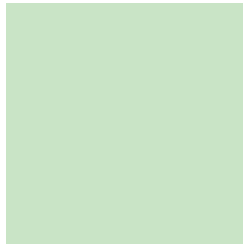
10.7424, 0.2955, 0.1401



0.8154, 0.2994, 0.1423

Previews

White Background



This preview shows how the Yxy color 71.9815, 0.3132, 0.3634 looks on a white background.

Color Contrast Check

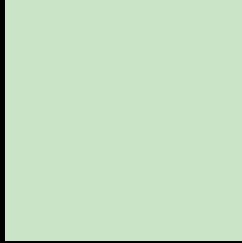
Large Text (above 18pt) WCAG AA × Fail

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 71.9815, 0.3132, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

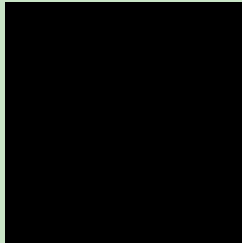
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

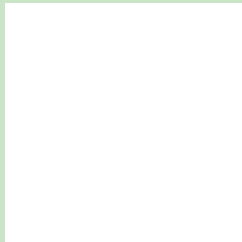
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9815, 0.3132, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 71.9815, 0.3132, 0.3634.

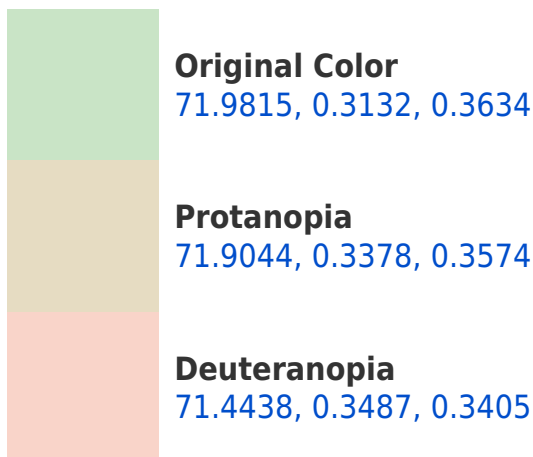


This preview shows how white text looks on a background with the Yxy color 71.9815, 0.3132, 0.3634.

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

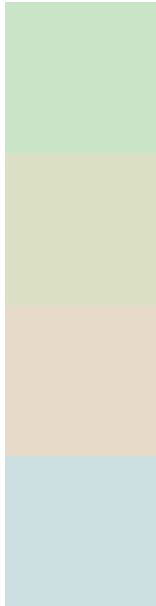




Tritanopia

71.9437, 0.2918, 0.3094

Trichromacy



Original Color

71.9815, 0.3132, 0.3634

Protanomaly

71.7756, 0.3285, 0.3602

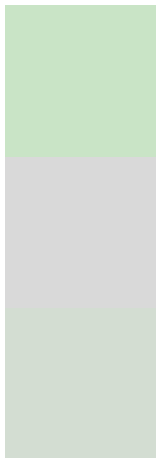
Deuteranomaly

71.4687, 0.3354, 0.3485

Tritanomaly

71.7267, 0.2990, 0.3278

Monochromacy



Original Color

71.9815, 0.3132, 0.3634

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.2149, 0.3128, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9815, 0.3132, 0.3634 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, 228, 198)` looks like.

```
.text, #text, p{  
    color:rgb(201, 228, 198)  
}
```

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, 228, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 228, 198) }
```

Border

The CSS property to change the border of an element to Yxy 71.9815, 0.3132, 0.3634 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, 228, 198) }
```

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

```
.border{ border-color:rgb(201, 228, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 228, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 228, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 228, 198);  
box-shadow:4px 4px 4px 4px rgb(201, 228,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9815, 0.3132, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 228, 198) }
```

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

```
.background{ background-color: rgb(201,  
228, 198) }
```

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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