

Converting Colors

$Yxy(71.0011, 0.3114, 0.3619)$

Have a look what the booklet for
Yxy(71.0011, 0.3114, 0.3619)
contains.

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Color

Yxy(71.1575, 0.3118, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	C7E3C6
RGB	199, 227, 198
RGB Percent	78%, 89%, 78%
CMY	0.2198, 0.1097, 0.2235
CMYK	0.12, 0.00, 0.13, 0.11
HSL	118°, 34%, 83%
HSV	118°, 13%, 89%
XYZ	61.2053, 71.1575, 63.9338
YIQ	215.3220, -7.3790, -14.9550

Conversions

Conversions Part 2

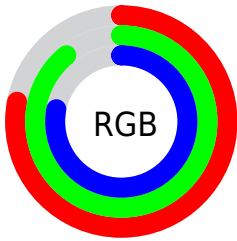
Format	Color
RYB	198, 227, 226
Decimal	13099974
CIELab	87.56, -14.61, 11.08
CIElCh	88, 18.339, 142.838
Yxy	71.1575, 0.3118, 0.3625
Android (android.graphics.Color)	4291290054 (0xFFC7E3C6)
YUV	215.3220, -8.5397, -14.3144
Hunter-Lab	84.3549, -18.1071, 14.1117

Details

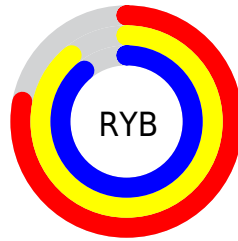
The Yxy color **71.1575, 0.3118, 0.3625** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.1146, 0.3135, 0.2975**, and the grayscale version is **68.2436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5384, 0.3116, 0.3718** is the 20% darker color. If you saturate the color by 10%, you get **67.4011, 0.3109, 0.3926**, and if you desaturate by 10%, it is **75.5103, 0.3125, 0.3358**.

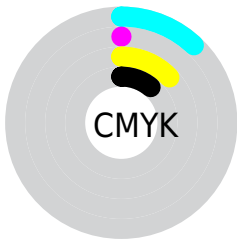
Distribution



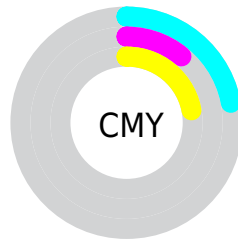
- Red (78%)
- Green (89%)
- Blue (78%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1575, 0.3118, 0.3625 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 71.1575, 0.3118, 0.3625 by changing the saturation by 10% instead.

 71.1575, 0.3118,
0.3625

 71.1575, 0.3118,
0.3625


464.6038, 0.3124,
0.3466

 52.4707, 0.3116,
0.3662


120.8580, 0.3120,
0.3569

 37.3804, 0.3114,
0.3709

152.6404, 0.3121,
0.3547

 25.5022, 0.3110,
0.3770

189.5570, 0.3122,
0.3529

 16.4516, 0.3105,
0.3850

231.9919, 0.3123,
0.3513

 9.8443, 0.3096,
0.3963

280.3297, 0.3123,
0.3499

 5.2958, 0.3080,
0.4132

334.9546, 0.3123,

 2.4219, 0.3047,

0.3487

0.4413

396.2512, 0.3124,
0.3476

0.8371, 0.3106,
0.5925

0.0000, 0.0000,
0.0000

71.1575, 0.3118,
0.3625

71.1575, 0.3118,
0.3625

67.4011, 0.3109,
0.3926

75.5103, 0.3125,
0.3358

64.2066, 0.3097,
0.4257

80.4742, 0.3131,
0.3125

61.5497, 0.3084,
0.4610

83.4279, 0.3140,
0.3019

59.4009, 0.3069,
0.4966

■ 57.7277, 0.3053,
0.5304

■ 56.4940, 0.3037,
0.5595

■ 55.6585, 0.3022,
0.5814

■ 55.1721, 0.3010,
0.5946

■ 54.9959, 0.3005,
0.5996

Harmonies

Analogous

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



71.1575, 0.3338, 0.3685



71.1575, 0.3118, 0.3625



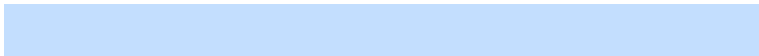
71.1575, 0.2906, 0.3464

Triad

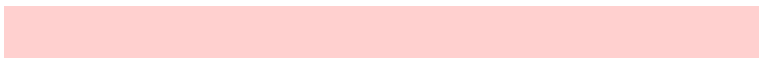
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1575, 0.3118, 0.3625



71.1575, 0.2759, 0.2947



71.1575, 0.3511, 0.3304

Complementary

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



71.1575, 0.3118, 0.3625



62.1146, 0.3135, 0.2975

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.



71.1575, 0.3346, 0.3122



71.1575, 0.3118, 0.3625



71.1575, 0.2910, 0.2920

Square

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



71.1575, 0.3118, 0.3625



71.1575, 0.2704, 0.3067



71.1575, 0.3124, 0.2984



71.1575, 0.3570, 0.3489

Rectangle

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



71.1575, 0.3118, 0.3625



71.1575, 0.2797, 0.3327



71.1575, 0.3124, 0.2984



71.1575, 0.3466, 0.3241

Sweetspot

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



71.1605, 0.3118, 0.3625



97.5370, 0.3125, 0.3389



74.8312, 0.3319, 0.3595



20.7809, 0.3124, 0.3409



0.0000, 0.0000, 0.0000



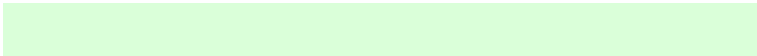
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1605, 0.3118, 0.3625



91.4228, 0.3116, 0.3692



71.6840, 0.3027, 0.3466



16.1116, 0.3121, 0.3533



32.0779, 0.3007, 0.5994



2.3784, 0.3028, 0.5978

Inverse Universe

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



62.1146, 0.3135, 0.2975



77.7398, 0.3136, 0.2917



61.5502, 0.3242, 0.3120



14.5899, 0.3133, 0.3058



12.0786, 0.3128, 0.1497



0.9002, 0.3140, 0.1504

Previews

White Background



This preview shows how the Yxy color 71.1575, 0.3118, 0.3625 looks on a white background.

Color Contrast Check

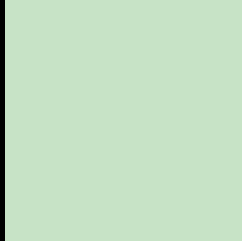
Large Text (above 18pt) WCAG AA × Fail

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 71.1575, 0.3118, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

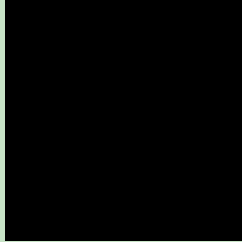
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

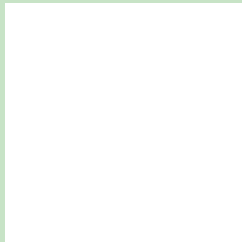
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1575, 0.3118, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 71.1575, 0.3118, 0.3625.

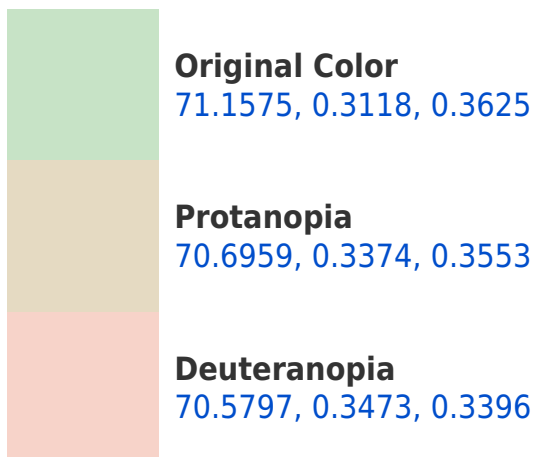


This preview shows how white text looks on a background with the Yxy color 71.1575, 0.3118, 0.3625.

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

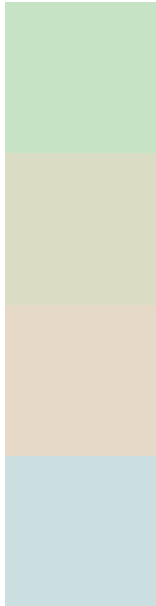




Tritanopia

71.0667, 0.2911, 0.3092

Trichromacy



Original Color

71.1575, 0.3118, 0.3625

Protanomaly

70.5585, 0.3280, 0.3581

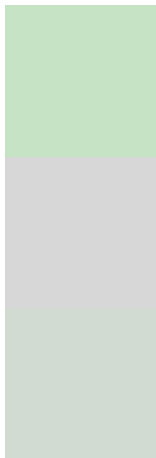
Deuteranomaly

70.6188, 0.3340, 0.3476

Tritanomaly

70.8537, 0.2983, 0.3278

Monochromacy



Original Color

71.1575, 0.3118, 0.3625

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.8218, 0.3122, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1575, 0.3118, 0.3625 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(199, 227, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 227, 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(199, 227, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 227, 198) }
```

Border

The CSS property to change the border of an element to Yxy 71.1575, 0.3118, 0.3625 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(199, 227, 198) }
```

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

```
.border{ border-color:rgb(199, 227, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 227, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 227, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 227, 198);  
box-shadow:4px 4px 4px 4px rgb(199, 227,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1575, 0.3118, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 227, 198) }
```

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

```
.background{ background-color: rgb(199,  
227, 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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