

Converting Colors

$Yxy(74.7517, 0.3121, 0.3631)$

Have a look what the booklet for
Yxy(74.7517, 0.3121, 0.3631)
contains.

Yxy(74.6740, 0.3118, 0.3630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.6740, 0.3118, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	CBE8CA
RGB	203, 232, 202
RGB Percent	80%, 91%, 79%
CMY	0.2040, 0.0902, 0.2079
CMYK	0.13, 0.00, 0.13, 0.09
HSL	118°, 40%, 85%
HSV	118°, 13%, 91%
XYZ	64.1415, 74.6740, 66.8980
YIQ	219.9090, -7.6540, -15.4780

Conversions

Conversions Part 2

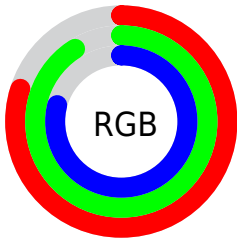
Format	Color
R_{YB}	202, 232, 231
Decimal	13363402
CIE _{Lab}	89.24, -15.05, 11.42
CIE _{LCh}	89, 18.896, 142.808
Yxy	74.6740, 0.3118, 0.3630
Android (android.graphics.Color)	4291553482 (0xFFCBE8CA)
YUV	219.9090, -8.8291, -14.8292
Hunter-Lab	86.4141, -18.7319, 14.5902

Details

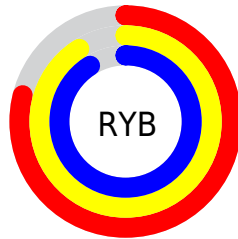
The Yxy color **74.6740, 0.3118, 0.3630** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.0492, 0.3135, 0.2971**, and the grayscale version is **71.5697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5783, 0.3116, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **70.7359, 0.3109, 0.3932**, and if you desaturate by 10%, it is **79.2390, 0.3125, 0.3362**.

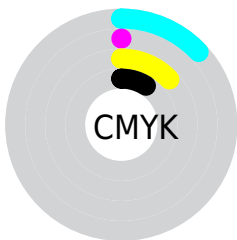
Distribution



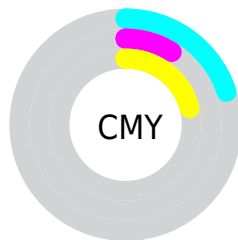
- Red (80%)
- Green (91%)
- Blue (79%)



- Red (79%)
- Yellow (91%)
- Blue (91%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)




- Cyan (20%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6740, 0.3118, 0.3630 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 74.6740, 0.3118, 0.3630 by changing the saturation by 10% instead.

 74.6740, 0.3118,
0.3630

 74.6740, 0.3118,
0.3630


476.7963, 0.3124,
0.3470

 55.3459, 0.3116,
0.3667

125.8508, 0.3120,
0.3574

 39.6787, 0.3114,
0.3714


158.4682, 0.3121,
0.3552

 27.2881, 0.3110,
0.3774


196.2842, 0.3122,
0.3533

 17.7897, 0.3105,
0.3853

239.6832, 0.3123,
0.3517

 10.7991, 0.3096,
0.3963

289.0494, 0.3123,
0.3503

 5.9319, 0.3081,
0.4125

344.7675, 0.3123,

 2.8037, 0.3051,

0.3491

0.4390

407.2216, 0.3124,
0.3480

■ 1.0301, 0.3101,
0.5282

■ 0.0000, 0.0000,
0.0000

■ 74.6740, 0.3118,
0.3630

■ 74.6740, 0.3118,
0.3630

■ 70.7359, 0.3109,
0.3932

■ 79.2390, 0.3125,
0.3362

■ 67.3884, 0.3098,
0.4264

■ 84.4465, 0.3131,
0.3128

■ 64.6058, 0.3084,
0.4617

■ 86.1988, 0.3138,
0.3068

■ 62.3571, 0.3069,
0.4974

■ 60.6079, 0.3053,
0.5311

■ 59.3203, 0.3037,
0.5601

■ 58.4506, 0.3022,
0.5818

■ 57.9467, 0.3010,
0.5948

■ 57.7690, 0.3005,
0.5996

Harmonies

Analogous

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



74.6740, 0.3341, 0.3691



74.6740, 0.3118, 0.3630



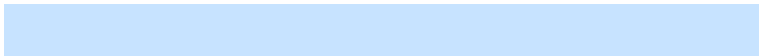
74.6740, 0.2903, 0.3467

Triad

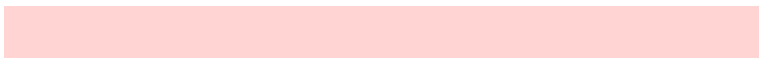
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6740, 0.3118, 0.3630



74.6740, 0.2754, 0.2943



74.6740, 0.3516, 0.3304

Complementary

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



74.6740, 0.3118, 0.3630



65.0492, 0.3135, 0.2971

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.



74.6740, 0.3348, 0.3120



74.6740, 0.3118, 0.3630



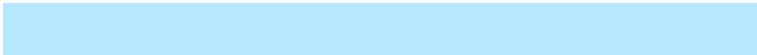
74.6740, 0.2907, 0.2915

Square

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



74.6740, 0.3118, 0.3630



74.6740, 0.2698, 0.3064



74.6740, 0.3124, 0.2980



74.6740, 0.3576, 0.3492

Rectangle

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



74.6740, 0.3118, 0.3630



74.6740, 0.2793, 0.3327



74.6740, 0.3124, 0.2980



74.6740, 0.3470, 0.3240

Sweetspot

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



74.6772, 0.3118, 0.3630



97.5383, 0.3125, 0.3389



78.2981, 0.3323, 0.3594



20.7812, 0.3124, 0.3409



0.0000, 0.0000, 0.0000



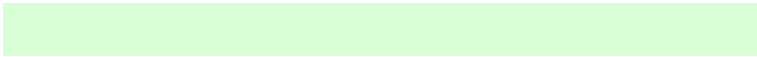
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6772, 0.3118, 0.3630



90.9183, 0.3115, 0.3721



75.2047, 0.3028, 0.3475



16.1120, 0.3121, 0.3533



32.0787, 0.3007, 0.5994



2.3787, 0.3029, 0.5977

Inverse Universe

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



65.0492, 0.3135, 0.2971



76.4161, 0.3136, 0.2891



64.4784, 0.3240, 0.3112



14.5893, 0.3133, 0.3058



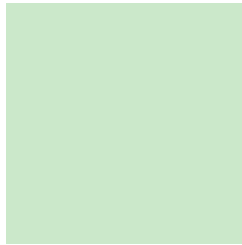
12.0640, 0.3126, 0.1496



0.8993, 0.3139, 0.1503

Previews

White Background



This preview shows how the Yxy color 74.6740, 0.3118, 0.3630 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 74.6740, 0.3118, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

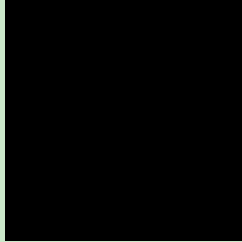
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

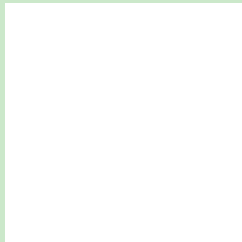
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6740, 0.3118, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 74.6740, 0.3118, 0.3630.

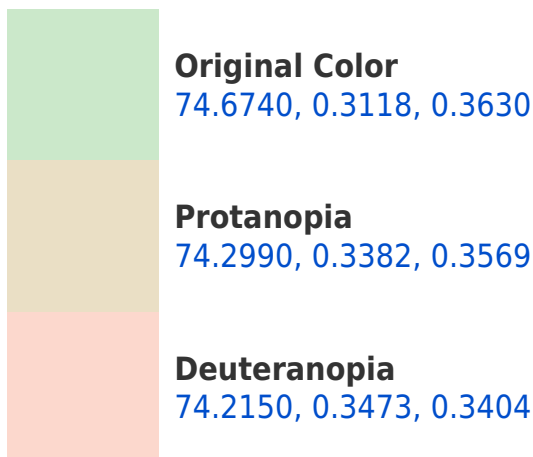


This preview shows how white text looks on a background with the Yxy color 74.6740, 0.3118, 0.3630.

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

74.6260, 0.2909, 0.3096

Trichromacy



Original Color

74.6740, 0.3118, 0.3630

Protanomaly

74.2042, 0.3283, 0.3586

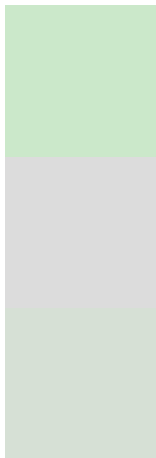
Deuteranomaly

74.0946, 0.3335, 0.3483

Tritanomaly

74.4093, 0.2979, 0.3279

Monochromacy



Original Color

74.6740, 0.3118, 0.3630

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.4115, 0.3128, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6740, 0.3118, 0.3630 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(203, 232, 202)` looks like.

```
.text, #text, p{  
    color:rgb(203, 232, 202)  
}
```

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(203, 232, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 232, 202) }
```

Border

The CSS property to change the border of an element to Yxy 74.6740, 0.3118, 0.3630 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(203, 232, 202) }
```

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

```
.border{ border-color:rgb(203, 232, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 232, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 232, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 232, 202);  
box-shadow:4px 4px 4px 4px rgb(203, 232,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6740, 0.3118, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 232, 202) }
```

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

```
.background{ background-color: rgb(203,  
232, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor