

Converting Colors

$Yxy(73.3963, 0.3142, 0.3644)$

Have a look what the booklet for
Yxy(73.3963, 0.3142, 0.3644)
contains.

| | |
|-------------------------------------------|----|
| Yxy(73.4137, 0.3138, 0.3643) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(73.4137, 0.3138, 0.3643)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CBE6C7 |
| RGB | 203, 230, 199 |
| RGB Percent | 80%, 90%, 78% |
| CMY | 0.2039, 0.0980, 0.2196 |
| CMYK | 0.12, 0.00, 0.13, 0.10 |
| HSL | 112°, 38%, 84% |
| HSV | 112°, 13%, 90% |
| XYZ | 63.2369, 73.4137, 64.8693 |
| YIQ | 218.3930, -6.1410, -15.3650 |

Conversions

Conversions Part 2

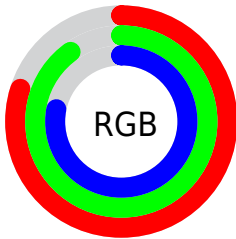
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 199, 230, 226 |
| Decimal | 13362887 |
| CIELab | 88.64, -14.56, 12.13 |
| CIElCh | 89, 18.951, 140.192 |
| Yxy | 73.4137, 0.3138, 0.3643 |
| Android (android.graphics.Color) | 4291552967 (0xFFCBE6C7) |
| YUV | 218.3930, -9.5607, -13.4997 |
| Hunter-Lab | 85.6818, -18.2023, 15.0891 |

Details

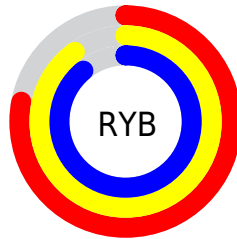
The Yxy color **73.4137, 0.3138, 0.3643** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.7269, 0.3112, 0.2955**, and the grayscale version is **70.4702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7060, 0.3142, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **69.7958, 0.3143, 0.3942**, and if you desaturate by 10%, it is **77.5624, 0.3130, 0.3376**.

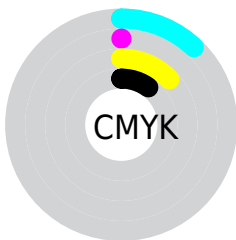
Distribution



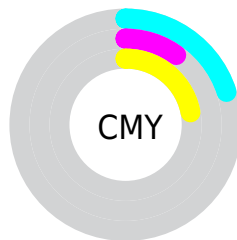
- Red (80%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)





- Cyan (20%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4137, 0.3138, 0.3643 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 73.4137, 0.3138, 0.3643 by changing the saturation by 10% instead.

 73.4137, 0.3138,
0.3643

 73.4137, 0.3138,
0.3643

472.4474, 0.3135,
0.3476

 54.3143, 0.3138,
0.3682


124.0643, 0.3137,
0.3584

 38.8530, 0.3138,
0.3731

156.3844, 0.3137,
0.3562

 26.6454, 0.3138,
0.3793


193.8801, 0.3137,
0.3542

 17.3071, 0.3137,
0.3876

236.9358, 0.3136,
0.3526

 10.4537, 0.3133,
0.3992

285.9360, 0.3136,
0.3511

 5.7008, 0.3126,
0.4164


341.2651, 0.3135,


 2.6640, 0.3106,


0.3498


0.4445


403.3074, 0.3135,
0.3486


 0.9589, 0.3247,
0.5618


 0.0000, 0.0000,
0.0000


 73.4137, 0.3138,
0.3643


 73.4137, 0.3138,
0.3643


 69.7958, 0.3143,
0.3942


 77.5624, 0.3130,
0.3376

 66.6782, 0.3146,
0.4268

 82.2523, 0.3121,
0.3140

 64.0416, 0.3143,
0.4612

 85.0746, 0.3138,
0.3048

 61.8619, 0.3135,
0.4958

■ 60.1129, 0.3120,
0.5286

■ 58.7654, 0.3099,
0.5570

■ 57.7869, 0.3074,
0.5788

■ 57.1394, 0.3046,
0.5925

■ 56.8675, 0.3030,
0.5977

Harmonies

Analogous

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



73.4137, 0.3360, 0.3694



73.4137, 0.3138, 0.3643



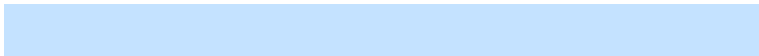
73.4137, 0.2919, 0.3486

Triad

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



73.4137, 0.3138, 0.3643



73.4137, 0.2741, 0.2947



73.4137, 0.3509, 0.3287

Complementary

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



73.4137, 0.3138, 0.3643



62.7269, 0.3112, 0.2955

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.



73.4137, 0.3332, 0.3104



73.4137, 0.3138, 0.3643



73.4137, 0.2888, 0.2910

Square

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



73.4137, 0.3138, 0.3643



73.4137, 0.2695, 0.3077



73.4137, 0.3103, 0.2968



73.4137, 0.3580, 0.3478

Rectangle

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



73.4137, 0.3138, 0.3643



73.4137, 0.2802, 0.3347



73.4137, 0.3103, 0.2968



73.4137, 0.3459, 0.3223

Sweetspot

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



73.4168, 0.3138, 0.3643



97.7151, 0.3131, 0.3389



75.2679, 0.3334, 0.3580



20.8257, 0.3131, 0.3409



0.0000, 0.0000, 0.0000



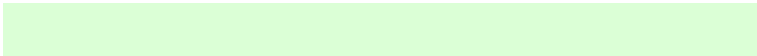
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4168, 0.3138, 0.3643



91.5205, 0.3140, 0.3718



73.4083, 0.3040, 0.3513



16.1781, 0.3135, 0.3532



32.2237, 0.3035, 0.5972



2.4103, 0.3108, 0.5914

Inverse Universe

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



62.7269, 0.3112, 0.2955



75.6860, 0.3109, 0.2888



62.7656, 0.3226, 0.3077



14.5156, 0.3117, 0.3057



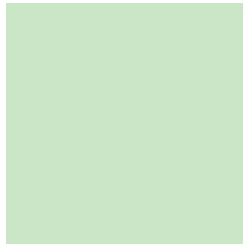
10.2410, 0.2885, 0.1363



0.7833, 0.2935, 0.1391

Previews

White Background



This preview shows how the Yxy color 73.4137, 0.3138, 0.3643 looks on a white background.

Color Contrast Check

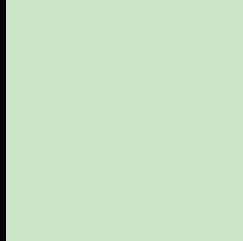
Large Text (above 18pt) WCAG AA × Fail

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 73.4137, 0.3138, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

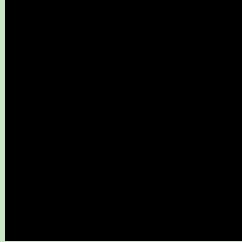
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

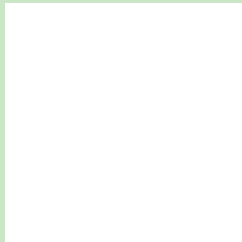
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4137, 0.3138, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 73.4137, 0.3138, 0.3643.

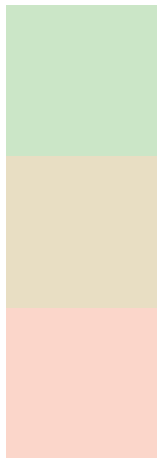


This preview shows how white text looks on a background with the Yxy color 73.4137, 0.3138, 0.3643.

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

73.4137, 0.3138, 0.3643

Protanopia

73.3385, 0.3383, 0.3582

Deuteranopia

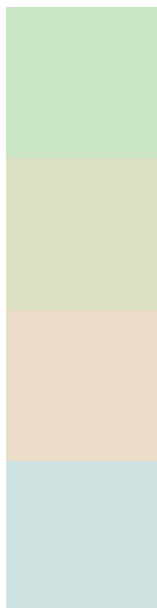
72.8666, 0.3491, 0.3415



Tritanopia

73.4238, 0.2920, 0.3095

Trichromacy



Original Color

73.4137, 0.3138, 0.3643

Protanomaly

73.2081, 0.3290, 0.3611

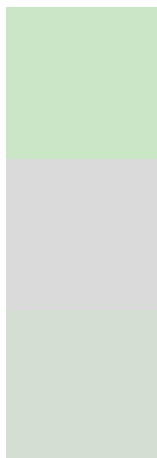
Deuteranomaly

72.8959, 0.3359, 0.3495

Tritanomaly

73.1491, 0.2998, 0.3290

Monochromacy



Original Color

73.4137, 0.3138, 0.3643

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.0918, 0.3136, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4137, 0.3138, 0.3643 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, 230, 199)` looks like.

```
.text, #text, p{  
    color:rgb(203, 230, 199)  
}
```

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, 230, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 230, 199) }
```

Border

The CSS property to change the border of an element to Yxy 73.4137, 0.3138, 0.3643 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, 230, 199) }
```

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

```
.border{ border-color:rgb(203, 230, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 230, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 230, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 230, 199); box-shadow:4px 4px 4px 4px rgb(203, 230, 199) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.4137, 0.3138, 0.3643$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 230, 199) }
```

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

```
.background{ background-color: rgb(203,  
230, 199) }
```

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