

Converting Colors

$Yxy(73.5154, 0.2959, 0.3496)$

Have a look what the booklet for
Yxy(73.5154, 0.2959, 0.3496)
contains.

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Color

Yxy(73.5154, 0.2959, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	BEE8D6
RGB	190, 232, 214
RGB Percent	75%, 91%, 84%
CMY	0.2551, 0.0901, 0.1607
CMYK	0.18, 0.00, 0.08, 0.09
HSL	154°, 48%, 83%
HSV	154°, 18%, 91%
XYZ	62.2231, 73.5154, 74.5458
YIQ	217.3900, -19.2540, -14.5020

Conversions

Conversions Part 2

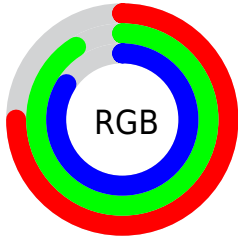
Format	Color
RYB	190, 217, 232
Decimal	12511446
CIELab	88.69, -17.11, 4.23
CIELCh	89, 17.627, 166.106
Yxy	73.5154, 0.2959, 0.3496
Android (android.graphics.Color)	4290701526 (0xFFBEE8D6)
YUV	217.3900, -1.6713, -24.0210
Hunter-Lab	85.7411, -20.5078, 8.4704

Details

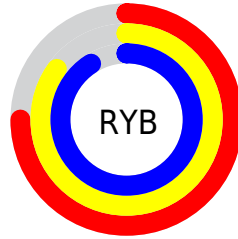
The Yxy color **73.5154, 0.2959, 0.3496** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.5161, 0.3333, 0.3093**, and the grayscale version is **69.6882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **38.7881, 0.2921, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **70.2741, 0.2873, 0.3627**, and if you desaturate by 10%, it is **77.2692, 0.3051, 0.3377**.

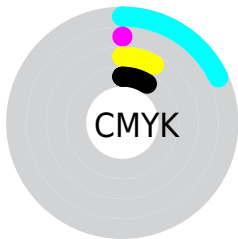
Distribution



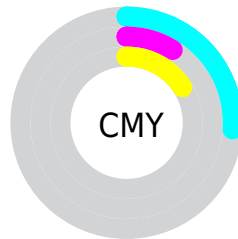
- Red (75%)
- Green (91%)
- Blue (84%)



- Red (75%)
- Yellow (85%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)





- Cyan (26%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5154, 0.2959, 0.3496 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 73.5154, 0.2959, 0.3496 by changing the saturation by 10% instead.


 73.5154, 0.2959,
0.3496

 73.5154, 0.2959,
0.3496


472.7992, 0.3037,
0.3399

 54.3975, 0.2941,
0.3518


 124.2086, 0.2986,
0.3462

 38.9195, 0.2919,
0.3546


156.5527, 0.2997,
0.3449

 26.6971, 0.2890,
0.3582


194.0743, 0.3006,
0.3438

 17.3459, 0.2852,
0.3629

237.1579, 0.3014,
0.3428

 10.4814, 0.2801,
0.3694

286.1878, 0.3021,
0.3420

 5.7193, 0.2726,
0.3791


341.5483, 0.3027,

 2.6752, 0.2605,


0.3412


0.3947


403.6240, 0.3033,
0.3405


 0.9646, 0.2245,
0.4358


 0.0000, 0.0000,
0.0000


 73.5154, 0.2959,
0.3496


 73.5154, 0.2959,
0.3496


 70.2741, 0.2873,
0.3627


 77.2692, 0.3051,
0.3377


 67.5131, 0.2794,
0.3770

 81.5479, 0.3145,
0.3271

 65.2106, 0.2727,
0.3923

 85.4999, 0.3209,
0.3175

 63.3397, 0.2675,
0.4084

 86.1183, 0.3146,
0.3080

■ 61.8700, 0.2640,
0.4251

■ 86.2008, 0.3138,
0.3068

■ 60.7677, 0.2625,
0.4420

■ 59.9926, 0.2631,
0.4587

■ 59.4884, 0.2655,
0.4749

■ 59.4086, 0.2661,
0.4778

Harmonies

Analogous

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



73.5154, 0.3167, 0.3630



73.5154, 0.2959, 0.3496



73.5154, 0.2799, 0.3303

Triad

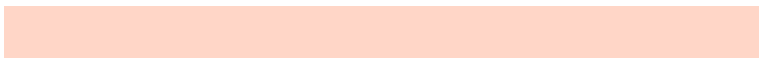
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5154, 0.2959, 0.3496



73.5154, 0.2882, 0.2935



73.5154, 0.3545, 0.3443

Complementary

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



73.5154, 0.2959, 0.3496



58.5161, 0.3333, 0.3093

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.



73.5154, 0.3464, 0.3263



73.5154, 0.2959, 0.3496



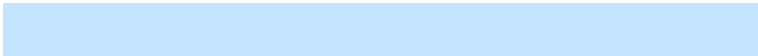
73.5154, 0.3076, 0.2978

Square

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



73.5154, 0.2959, 0.3496



73.5154, 0.2756, 0.2983



73.5154, 0.3290, 0.3096



73.5154, 0.3510, 0.3591

Rectangle

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



73.5154, 0.2959, 0.3496



73.5154, 0.2740, 0.3173



73.5154, 0.3290, 0.3096



73.5154, 0.3531, 0.3384

Sweetspot

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



73.5185, 0.2959, 0.3496



97.3153, 0.3080, 0.3343



74.8725, 0.3229, 0.3765



20.7516, 0.3073, 0.3351



0.0000, 0.0000, 0.0000



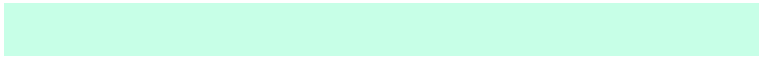
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5185, 0.2959, 0.3496



89.4185, 0.2924, 0.3547



72.9228, 0.2853, 0.3258



16.2267, 0.3038, 0.3392



33.0028, 0.2654, 0.4753



2.4573, 0.2588, 0.4517

Inverse Universe

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



58.5161, 0.3333, 0.3093



67.3827, 0.3389, 0.3047



58.9067, 0.3474, 0.3322



14.4698, 0.3226, 0.3190



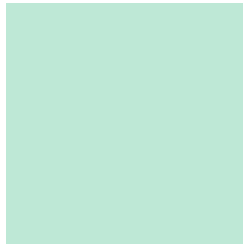
10.0507, 0.5258, 0.2670



0.7610, 0.4887, 0.2466

Previews

White Background



This preview shows how the Yxy color 73.5154, 0.2959, 0.3496 looks on a white background.

Color Contrast Check

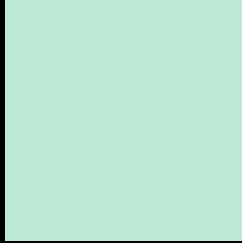
Large Text (above 18pt) WCAG AA × Fail

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 73.5154, 0.2959, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

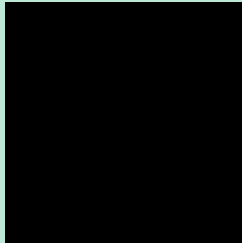
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

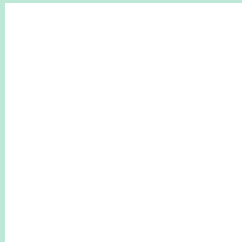
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5154, 0.2959, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 73.5154, 0.2959, 0.3496.

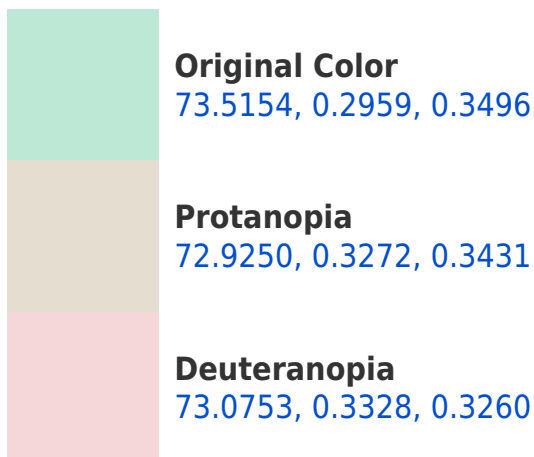


This preview shows how white text looks on a background with the Yxy color 73.5154, 0.2959, 0.3496.

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

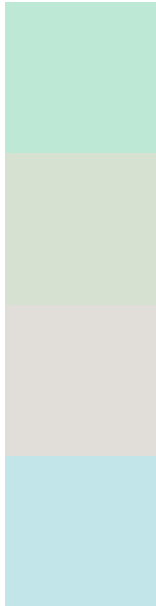




Tritanopia

73.2665, 0.2815, 0.3091

Trichromacy



Original Color

73.5154, 0.2959, 0.3496

Protanomaly

72.9506, 0.3154, 0.3456

Deuteranomaly

72.7302, 0.3182, 0.3333

Tritanomaly

73.4485, 0.2867, 0.3233

Monochromacy



Original Color

73.5154, 0.2959, 0.3496

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.4658, 0.3061, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5154, 0.2959, 0.3496 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(190, 232, 214)` looks like.

```
.text, #text, p{  
    color:rgb(190, 232, 214)  
}
```

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(190, 232, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 232, 214) }
```

Border

The CSS property to change the border of an element to Yxy 73.5154, 0.2959, 0.3496 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(190, 232, 214) }
```

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

```
.border{ border-color:rgb(190, 232, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 232, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 232, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 232, 214);  
box-shadow:4px 4px 4px 4px rgb(190, 232,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5154, 0.2959, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 232, 214) }
```

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

```
.background{ background-color: rgb(190,  
232, 214) }
```

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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