

Converting Colors

$Yxy(73.4976, 0.3338, 0.3859)$

Have a look what the booklet for
Yxy(73.4976, 0.3338, 0.3859)
contains.

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Color

Yxy(73.4394, 0.3338, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	D5E5B3
RGB	213, 229, 179
RGB Percent	84%, 90%, 70%
CMY	0.1648, 0.1019, 0.2980
CMYK	0.07, 0.00, 0.22, 0.10
HSL	79°, 49%, 80%
HSV	79°, 22%, 90%
XYZ	63.5903, 73.4394, 53.4746
YIQ	218.5160, 6.5140, -18.9420

Conversions

Conversions Part 2

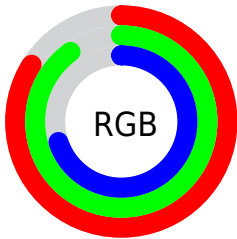
Format	Color
RYB	179, 229, 195
Decimal	14017971
CIELab	88.66, -13.80, 22.65
CIELCh	89, 26.521, 121.353
Yxy	73.4394, 0.3338, 0.3855
Android (android.graphics.Color)	4292208051 (0xFFD5E5B3)
YUV	218.5160, -19.4814, -4.8375
Hunter-Lab	85.6968, -17.5155, 22.9910

Details

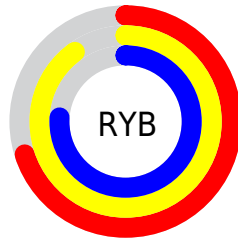
The Yxy color **73.4394, 0.3338, 0.3855** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.5102, 0.2881, 0.2702**, and the grayscale version is **70.6186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **39.0476, 0.3382, 0.4001** is the 20% darker color. If you saturate the color by 10%, you get **71.5177, 0.3431, 0.4132**, and if you desaturate by 10%, it is **75.5712, 0.3241, 0.3587**.

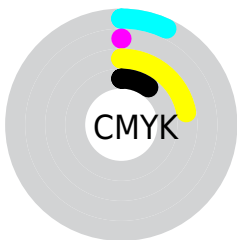
Distribution



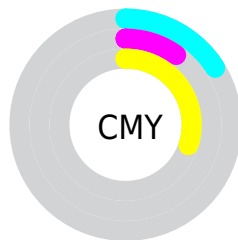
- Red (84%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)





- Cyan (16%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4394, 0.3338, 0.3855 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 73.4394, 0.3338, 0.3855 by changing the saturation by 10% instead.


 73.4394, 0.3338,
0.3855

 73.4394, 0.3338,
0.3855


472.5363, 0.3245,
0.3588

 54.3353, 0.3358,
0.3917


 124.1008, 0.3306,
0.3761

 38.8698, 0.3382,
0.3995


156.4269, 0.3294,
0.3725

 26.6585, 0.3412,
0.4094

193.9292, 0.3283,
0.3694

 17.3169, 0.3448,
0.4225

236.9919, 0.3273,
0.3667

 10.4607, 0.3493,
0.4405

285.9997, 0.3265,
0.3644

 5.7055, 0.3548,
0.4666

341.3367, 0.3257,

 2.6668, 0.3625,

0.3623

0.5102

403.3874, 0.3251,
0.3604

0.9604, 0.3741,
0.6259

0.0000, 0.0000,
0.0000

73.4394, 0.3338,
0.3855

73.4394, 0.3338,
0.3855

71.5177, 0.3431,
0.4132

75.5712, 0.3241,
0.3587

69.7882, 0.3516,
0.4411


77.9112, 0.3145,
0.3334


68.2453, 0.3588,
0.4680


80.4698, 0.3050,
0.3100

66.8792, 0.3642,
0.4928

82.2071, 0.3054,
0.3032

 65.6790, 0.3673,
0.5142

 83.5361, 0.3103,
0.3036

 64.6325, 0.3680,
0.5312

 84.5260, 0.3139,
0.3039

 63.7249, 0.3661,
0.5432

 63.0678, 0.3631,
0.5499

Harmonies

Analogous

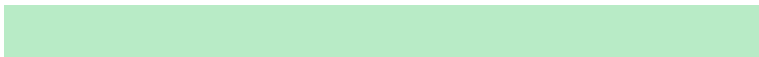
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4394, 0.3609, 0.3813



73.4394, 0.3338, 0.3855



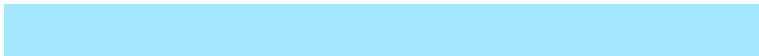
73.4394, 0.3019, 0.3724

Triad

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



73.4394, 0.3338, 0.3855



73.4394, 0.2536, 0.2908



73.4394, 0.3519, 0.3120

Complementary

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



73.4394, 0.3338, 0.3855



49.5102, 0.2881, 0.2702

Split Complementary

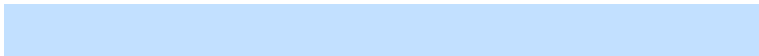
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4394, 0.3212, 0.2906



73.4394, 0.3338, 0.3855



73.4394, 0.2653, 0.2780

Square

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



73.4394, 0.3338, 0.3855



73.4394, 0.2567, 0.3152



73.4394, 0.2896, 0.2783



73.4394, 0.3721, 0.3380

Rectangle

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



73.4394, 0.3338, 0.3855



73.4394, 0.2824, 0.3556



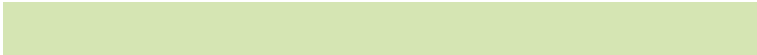
73.4394, 0.2896, 0.2783



73.4394, 0.3424, 0.3041

Sweetspot

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



73.4426, 0.3338, 0.3855



97.8331, 0.3195, 0.3464



58.8751, 0.3532, 0.3470



20.9017, 0.3201, 0.3479



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.



73.4426, 0.3338, 0.3855



92.6276, 0.3379, 0.3974



70.0147, 0.3161, 0.3887



16.5733, 0.3218, 0.3526



36.1217, 0.3640, 0.5492



2.7187, 0.3722, 0.5427

Inverse Universe

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



49.5102, 0.2881, 0.2702



57.1837, 0.2823, 0.2573



53.0928, 0.3078, 0.2736



14.1105, 0.3030, 0.3051



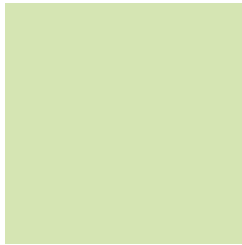
4.1123, 0.1731, 0.0727



0.3524, 0.1889, 0.0814

Previews

White Background



This preview shows how the Yxy color 73.4394, 0.3338, 0.3855 looks on a white background.

Color Contrast Check

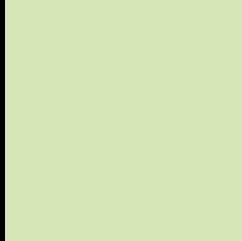
Large Text (above 18pt) WCAG AA × Fail

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 73.4394, 0.3338, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

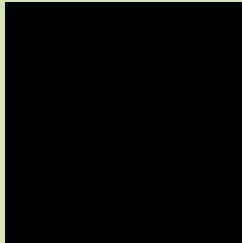
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

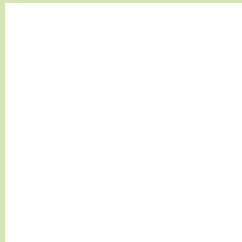
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4394, 0.3338, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 73.4394, 0.3338, 0.3855.

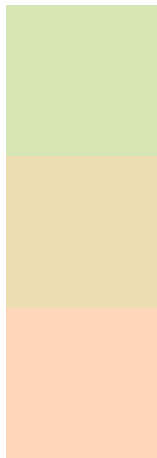


This preview shows how white text looks on a background with the Yxy color 73.4394, 0.3338, 0.3855.

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

73.4394, 0.3338, 0.3855

Protanopia

73.2100, 0.3545, 0.3786

Deuteranopia

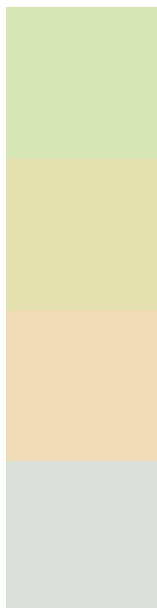
72.8983, 0.3641, 0.3579



Tritanopia

73.2581, 0.3018, 0.3109

Trichromacy



Original Color

73.4394, 0.3338, 0.3855

Protanomaly

73.5187, 0.3471, 0.3816

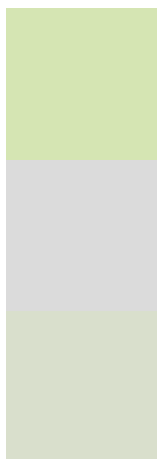
Deuteranomaly

72.6072, 0.3534, 0.3675

Tritanomaly

73.2265, 0.3131, 0.3367

Monochromacy



Original Color

73.4394, 0.3338, 0.3855

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.8867, 0.3210, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4394, 0.3338, 0.3855 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(213, 229, 179)` looks like.

```
.text, #text, p{  
    color:rgb(213, 229, 179)  
}
```

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(213, 229, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 229, 179) }
```

Border

The CSS property to change the border of an element to Yxy 73.4394, 0.3338, 0.3855 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(213, 229, 179) }
```

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

```
.border{ border-color:rgb(213, 229, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 229, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 229, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 229, 179); box-shadow:4px 4px 4px 4px rgb(213, 229, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4394, 0.3338, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 229, 179) }
```

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

```
.background{ background-color: rgb(213,  
229, 179) }
```

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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