

Converting Colors

$Yxy(72.5896, 0.3339, 0.3838)$

Have a look what the booklet for
Yxy(72.5896, 0.3339, 0.3838)
contains.

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Color

Yxy(72.3390, 0.3342, 0.3834)

Conversions

Conversions Part 1

Format	Color
Hex	D5E3B3
RGB	213, 227, 179
RGB Percent	84%, 89%, 70%
CMY	0.1645, 0.1098, 0.2981
CMYK	0.06, 0.00, 0.21, 0.11
HSL	77°, 46%, 80%
HSV	77°, 21%, 89%
XYZ	63.0561, 72.3390, 53.2826
YIQ	217.3420, 7.0640, -17.8960

Conversions

Conversions Part 2

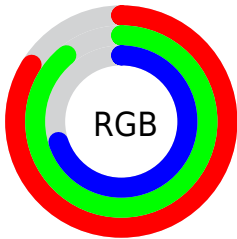
Format	Color
RYB	179, 227, 193
Decimal	14017459
CIELab	88.13, -12.76, 21.93
CIElCh	88, 25.375, 120.197
Yxy	72.3390, 0.3342, 0.3834
Android (android.graphics.Color)	4292207539 (0xFFD5E3B3)
YUV	217.3420, -18.9026, -3.8079
Hunter-Lab	85.0523, -16.5053, 22.3934

Details

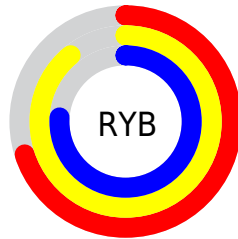
The Yxy color **72.3390, 0.3342, 0.3834** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1123, 0.2879, 0.2721**, and the grayscale version is **69.7697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **38.2805, 0.3387, 0.3975** is the 20% darker color. If you saturate the color by 10%, you get **70.5316, 0.3441, 0.4108**, and if you desaturate by 10%, it is **74.3440, 0.3240, 0.3569**.

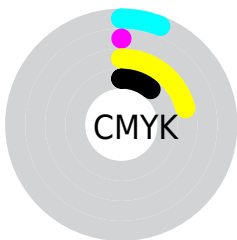
Distribution



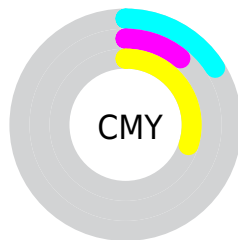
- Red (84%)
- Green (89%)
- Blue (70%)



- Red (70%)
- Yellow (89%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)





- Cyan (16%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3390, 0.3342, 0.3834 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 72.3390, 0.3342, 0.3834 by changing the saturation by 10% instead.


 72.3390, 0.3342,
0.3834

 72.3390, 0.3342,
0.3834


468.7207, 0.3246,
0.3576

 53.4356, 0.3363,
0.3894


 122.5384, 0.3309,
0.3744

 38.1507, 0.3388,
0.3969


154.6032, 0.3297,
0.3709

 26.0996, 0.3419,
0.4065


191.8239, 0.3285,
0.3679

 16.8982, 0.3457,
0.4192

234.5850, 0.3276,
0.3653

 10.1619, 0.3505,
0.4366

283.2709, 0.3267,
0.3630

 5.5065, 0.3566,
0.4620

338.2658, 0.3259,

 2.5474, 0.3656,

0.3610

399.9543, 0.3252,
0.3592

0.5050

0.9003, 0.3767,
0.6233

0.0000, 0.0000,
0.0000

72.3390, 0.3342,
0.3834

72.3390, 0.3342,
0.3834

70.5316, 0.3441,
0.4108

74.3440, 0.3240,
0.3569

68.9045, 0.3532,
0.4383

76.5445, 0.3139,
0.3318

67.4523, 0.3610,
0.4648

78.9506, 0.3040,
0.3084

66.1657, 0.3671,
0.4892

80.5792, 0.3035,
0.3010

■ 65.0345, 0.3709,
0.5103

■ 81.7507, 0.3079,
0.3014

■ 64.0468, 0.3723,
0.5270

■ 82.9645, 0.3124,
0.3018

■ 63.1887, 0.3710,
0.5388

■ 83.4143, 0.3140,
0.3019

■ 62.5168, 0.3682,
0.5458

Harmonies

Analogous

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



72.3390, 0.3599, 0.3789



72.3390, 0.3342, 0.3834



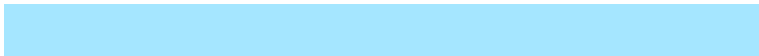
72.3390, 0.3036, 0.3714

Triad

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



72.3390, 0.3342, 0.3834



72.3390, 0.2557, 0.2930



72.3390, 0.3494, 0.3117

Complementary

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



72.3390, 0.3342, 0.3834



49.1123, 0.2879, 0.2721

Split Complementary

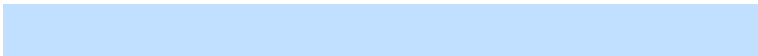
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3390, 0.3197, 0.2914



72.3390, 0.3342, 0.3834



72.3390, 0.2664, 0.2801

Square

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



72.3390, 0.3342, 0.3834



72.3390, 0.2592, 0.3169



72.3390, 0.2894, 0.2799



72.3390, 0.3693, 0.3368

Rectangle

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



72.3390, 0.3342, 0.3834



72.3390, 0.2846, 0.3556



72.3390, 0.2894, 0.2799



72.3390, 0.3402, 0.3042

Sweetspot

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



72.3422, 0.3342, 0.3834



98.2202, 0.3188, 0.3438



57.5444, 0.3521, 0.3446



20.9829, 0.3195, 0.3455



0.0000, 0.0000, 0.0000



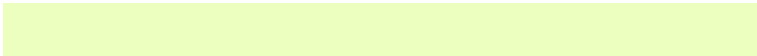
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3422, 0.3342, 0.3834



93.2079, 0.3382, 0.3943



69.0579, 0.3172, 0.3864



16.5959, 0.3223, 0.3525



36.5250, 0.3690, 0.5452



2.7461, 0.3766, 0.5392

Inverse Universe

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



49.1123, 0.2879, 0.2721



58.2585, 0.2823, 0.2601



52.4725, 0.3067, 0.2752



14.0889, 0.3025, 0.3050



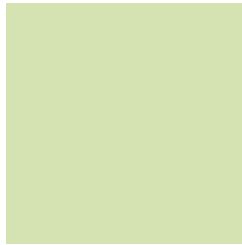
3.9607, 0.1692, 0.0706



0.3390, 0.1847, 0.0791

Previews

White Background



This preview shows how the Yxy color 72.3390, 0.3342, 0.3834 looks on a white background.

Color Contrast Check

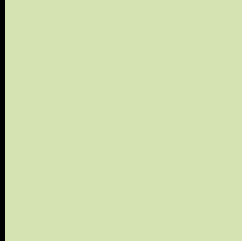
Large Text (above 18pt) WCAG AA × Fail

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 72.3390, 0.3342, 0.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

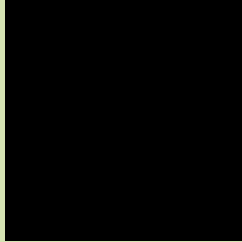
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

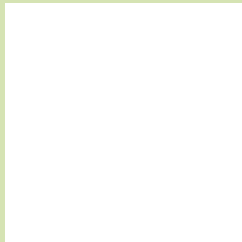
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3390, 0.3342, 0.3834

Background



This preview shows how black text looks on a background with the Yxy color 72.3390, 0.3342, 0.3834.

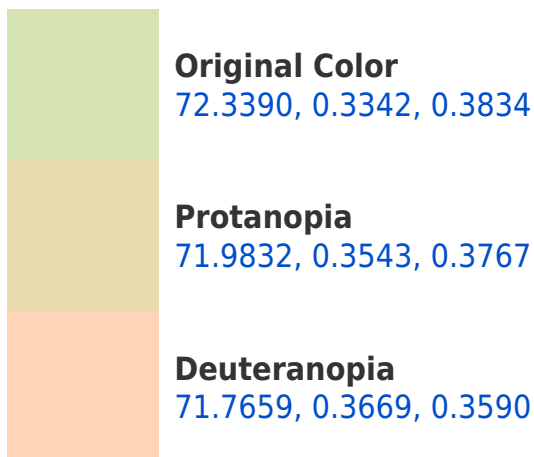


This preview shows how white text looks on a background with the Yxy color 72.3390, 0.3342, 0.3834.

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

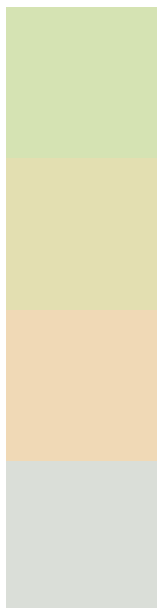




Tritanopia

72.1496, 0.3024, 0.3098

Trichromacy



Original Color

72.3390, 0.3342, 0.3834

Protanomaly

72.2806, 0.3467, 0.3797

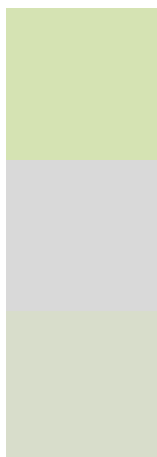
Deuteranomaly

71.5284, 0.3546, 0.3666

Tritanomaly

72.1058, 0.3138, 0.3356

Monochromacy



Original Color

72.3390, 0.3342, 0.3834

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.6236, 0.3211, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3390, 0.3342, 0.3834 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, 227, 179)` looks like.

```
.text, #text, p{  
    color:rgb(213, 227, 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, 227, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 227, 179) }
```

Border

The CSS property to change the border of an element to Yxy 72.3390, 0.3342, 0.3834 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, 227, 179) }
```

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

```
.border{ border-color:rgb(213, 227, 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, 227, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 227, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 227, 179); box-shadow:4px 4px 4px 4px rgb(213, 227, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3390, 0.3342, 0.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 227, 179) }
```

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

```
.background{ background-color: rgb(213,  
227, 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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