

Converting Colors

$Yxy(74.4892, 0.3329, 0.3769)$

Have a look what the booklet for
Yxy(74.4892, 0.3329, 0.3769)
contains.

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Color

Yxy(74.4892, 0.3329, 0.3769)

Conversions

Conversions Part 1

Format	Color
Hex	DAE5BA
RGB	218, 229, 186
RGB Percent	85%, 90%, 73%
CMY	0.1451, 0.1019, 0.2707
CMYK	0.05, 0.00, 0.19, 0.10
HSL	75°, 45%, 81%
HSV	75°, 19%, 90%
XYZ	65.7932, 74.4892, 57.3541
YIQ	220.8090, 7.2470, -15.7050

Conversions

Conversions Part 2

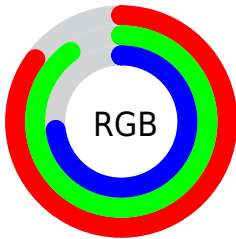
Format	Color
RYB	186, 229, 197
Decimal	14345658
CIELab	89.15, -10.95, 19.78
CIELCh	89, 22.604, 118.963
Yxy	74.4892, 0.3329, 0.3769
Android (android.graphics.Color)	4292535738 (0xFFDAE5BA)
YUV	220.8090, -17.1608, -2.4635
Hunter-Lab	86.3071, -14.9643, 21.0147

Details

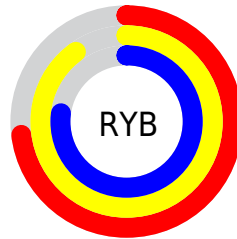
The Yxy color **74.4892, 0.3329, 0.3769** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.6379, 0.2899, 0.2788**, and the grayscale version is **72.2848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **39.7521, 0.3371, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **72.7076, 0.3435, 0.4039**, and if you desaturate by 10%, it is **76.4654, 0.3221, 0.3508**.

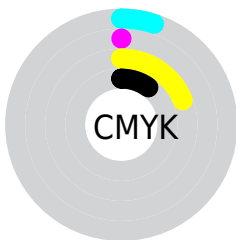
Distribution



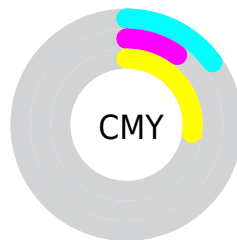
- Red (85%)
- Green (90%)
- Blue (73%)



- Red (73%)
- Yellow (90%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)





- Cyan (15%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4892, 0.3329, 0.3769 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 74.4892, 0.3329, 0.3769 by changing the saturation by 10% instead.


 74.4892, 0.3329,
0.3769

 74.4892, 0.3329,
0.3769


476.1600, 0.3239,
0.3544

 55.1945, 0.3349,
0.3821

 125.5890, 0.3298,
0.3690

 39.5575, 0.3373,
0.3886

158.1630, 0.3286,
0.3660

 27.1937, 0.3402,
0.3969


195.9322, 0.3276,
0.3634

 17.7187, 0.3440,
0.4077

239.2809, 0.3266,
0.3611

 10.7483, 0.3487,
0.4226

288.5937, 0.3258,
0.3591

 5.8978, 0.3549,
0.4443


344.2549, 0.3251,

 2.7830, 0.3629,


0.3574


0.4781


406.6489, 0.3244,
0.3558


 1.0195, 0.4057,
0.5943


 0.0000, 0.0000,
0.0000


 74.4892, 0.3329,
0.3769


 74.4892, 0.3329,
0.3769


 72.7076, 0.3435,
0.4039

 76.4654, 0.3221,
0.3508


 71.1031, 0.3535,
0.4311

 78.6335, 0.3114,
0.3261

 69.6705, 0.3623,
0.4574

 81.0038, 0.3012,
0.3031

 68.4007, 0.3694,
0.4818

 82.0415, 0.3048,
0.3031

■ 67.2837, 0.3744,
0.5030

■ 83.0921, 0.3087,
0.3035

■ 66.3079, 0.3769,
0.5201

■ 84.1762, 0.3127,
0.3038

■ 65.4598, 0.3768,
0.5325

■ 84.5231, 0.3139,
0.3039

■ 64.7194, 0.3745,
0.5403

■ 64.6336, 0.3741,
0.5411

Harmonies

Analogous

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



74.4892, 0.3552, 0.3727



74.4892, 0.3329, 0.3769



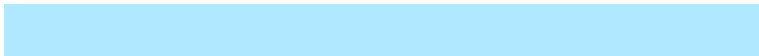
74.4892, 0.3059, 0.3669

Triad

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



74.4892, 0.3329, 0.3769



74.4892, 0.2620, 0.2980



74.4892, 0.3441, 0.3129

Complementary

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



74.4892, 0.3329, 0.3769



52.6379, 0.2899, 0.2788

Split Complementary

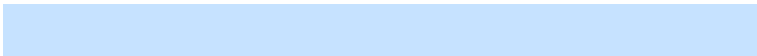
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4892, 0.3179, 0.2950



74.4892, 0.3329, 0.3769



74.4892, 0.2711, 0.2860

Square

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



74.4892, 0.3329, 0.3769



74.4892, 0.2657, 0.3195



74.4892, 0.2912, 0.2852



74.4892, 0.3621, 0.3352

Rectangle

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



74.4892, 0.3329, 0.3769



74.4892, 0.2889, 0.3533



74.4892, 0.2912, 0.2852



74.4892, 0.3359, 0.3062

Sweetspot

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



74.4925, 0.3329, 0.3769



98.3183, 0.3191, 0.3438



60.0181, 0.3472, 0.3412



21.0062, 0.3198, 0.3455



0.0000, 0.0000, 0.0000



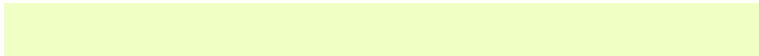
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4925, 0.3329, 0.3769



94.0450, 0.3376, 0.3886



71.4227, 0.3177, 0.3792



16.6218, 0.3228, 0.3525



37.0118, 0.3748, 0.5406



2.7787, 0.3816, 0.5352

Inverse Universe

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



52.6379, 0.2899, 0.2788



60.7601, 0.2837, 0.2659



55.7126, 0.3064, 0.2812



14.0645, 0.3020, 0.3050



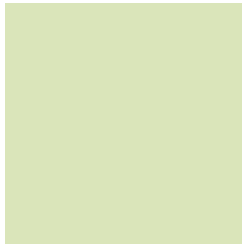
3.8080, 0.1653, 0.0684



0.3250, 0.1801, 0.0766

Previews

White Background



This preview shows how the Yxy color 74.4892, 0.3329, 0.3769 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 74.4892, 0.3329, 0.3769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

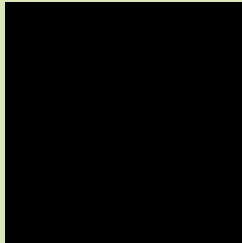
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

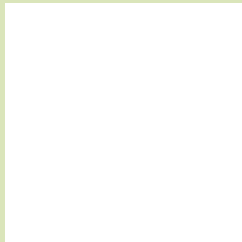
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4892, 0.3329, 0.3769

Background



This preview shows how black text looks on a background with the Yxy color 74.4892, 0.3329, 0.3769.

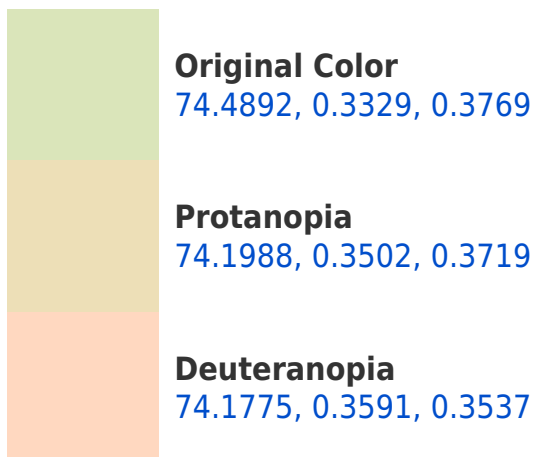


This preview shows how white text looks on a background with the Yxy color 74.4892, 0.3329, 0.3769.

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

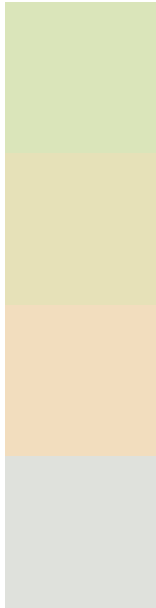




Tritanopia

74.6433, 0.3045, 0.3111

Trichromacy



Original Color

74.4892, 0.3329, 0.3769

Protanomaly

74.1341, 0.3438, 0.3736

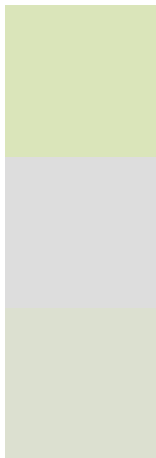
Deuteranomaly

74.3079, 0.3495, 0.3619

Tritanomaly

74.7057, 0.3146, 0.3344

Monochromacy



Original Color

74.4892, 0.3329, 0.3769

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0810, 0.3204, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4892, 0.3329, 0.3769 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(218, 229, 186)` looks like.

```
.text, #text, p{  
    color:rgb(218, 229, 186)  
}
```

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(218, 229, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 229, 186) }
```

Border

The CSS property to change the border of an element to Yxy 74.4892, 0.3329, 0.3769 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(218, 229, 186) }
```

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

```
.border{ border-color:rgb(218, 229, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 229, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 229, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 229, 186);  
box-shadow:4px 4px 4px 4px rgb(218, 229,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4892, 0.3329, 0.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 229, 186) }
```

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

```
.background{ background-color: rgb(218,  
229, 186) }
```

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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