

Converting Colors

$Yxy(74.7049, 0.3377, 0.3959)$

Have a look what the booklet for
Yxy(74.7049, 0.3377, 0.3959)
contains.

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Color

Yxy(74.8379, 0.3378, 0.3966)

Conversions

Conversions Part 1

Format	Color
Hex	D5E8AC
RGB	213, 232, 172
RGB Percent	84%, 91%, 67%
CMY	0.1647, 0.0902, 0.3255
CMYK	0.08, 0.00, 0.26, 0.09
HSL	79°, 57%, 79%
HSV	79°, 26%, 91%
XYZ	63.7424, 74.8379, 50.1184
YIQ	219.4790, 7.9360, -22.6880

Conversions

Conversions Part 2

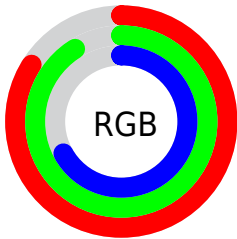
Format	Color
RYB	172, 232, 191
Decimal	14018732
CIELab	89.32, -16.30, 27.16
CIELCh	89, 31.673, 120.965
Yxy	74.8379, 0.3378, 0.3966
Android (android.graphics.Color)	4292208812 (0xFFD5E8AC)
YUV	219.4790, -23.4071, -5.6821
Hunter-Lab	86.5089, -19.8663, 26.2070

Details

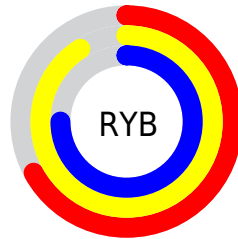
The Yxy color **74.8379, 0.3378, 0.3966** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.4140, 0.2825, 0.2581**, and the grayscale version is **71.3516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **39.6517, 0.3434, 0.4131** is the 20% darker color. If you saturate the color by 10%, you get **72.9514, 0.3469, 0.4245**, and if you desaturate by 10%, it is **76.9364, 0.3282, 0.3694**.

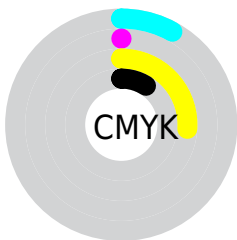
Distribution



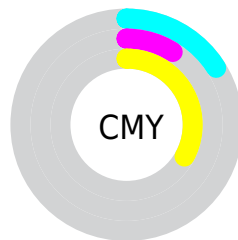
- Red (84%)
- Green (91%)
- Blue (67%)



- Red (67%)
- Yellow (91%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (26%)
- Black (9%)




- Cyan (16%)
- Magenta (9%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8379, 0.3378, 0.3966 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 74.8379, 0.3378, 0.3966 by changing the saturation by 10% instead.

 74.8379, 0.3378,
0.3966

 74.8379, 0.3378,
0.3966


477.3602, 0.3268,
0.3646

 55.4801, 0.3401,
0.4040


 126.0829, 0.3341,
0.3854

 39.7862, 0.3428,
0.4132


158.7388, 0.3327,
0.3811

 27.3719, 0.3461,
0.4250


196.5963, 0.3314,
0.3774

 17.8527, 0.3500,
0.4404

240.0397, 0.3303,
0.3741

 10.8443, 0.3547,
0.4615

289.4534, 0.3293,
0.3713

 5.9622, 0.3598,
0.4916

345.2218, 0.3284,

 2.8221, 0.3700,

0.3688

0.5467

407.7293, 0.3276,
0.3666

■ 1.0396, 0.3591,
0.6409

■ 0.0000, 0.0000,
0.0000

■ 74.8379, 0.3378,
0.3966

■ 74.8379, 0.3378,
0.3966

■ 72.9514, 0.3469,
0.4245

■ 76.9364, 0.3282,
0.3694

■ 71.2584, 0.3550,
0.4521


■ 79.2453, 0.3184,
0.3434


■ 69.7526, 0.3616,
0.4782


■ 81.7754, 0.3088,
0.3192


■ 68.4237, 0.3662,
0.5017


■ 83.8858, 0.3054,
0.3062


 67.2598, 0.3684,
0.5214

 85.2161, 0.3103,
0.3066

 66.2475, 0.3681,
0.5363

 86.1972, 0.3138,
0.3068

 65.3701, 0.3653,
0.5462

 65.0353, 0.3637,
0.5494

Harmonies

Analogous

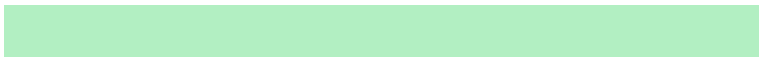
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8379, 0.3700, 0.3906



74.8379, 0.3378, 0.3966



74.8379, 0.3001, 0.3814

Triad

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



74.8379, 0.3378, 0.3966



74.8379, 0.2432, 0.2838



74.8379, 0.3588, 0.3084

Complementary

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



74.8379, 0.3378, 0.3966



46.4140, 0.2825, 0.2581

Split Complementary

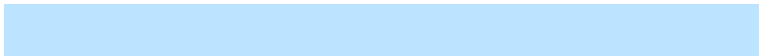
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8379, 0.3221, 0.2837



74.8379, 0.3378, 0.3966



74.8379, 0.2566, 0.2690

Square

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



74.8379, 0.3378, 0.3966



74.8379, 0.2469, 0.3126



74.8379, 0.2847, 0.2695



74.8379, 0.3832, 0.3387

Rectangle

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



74.8379, 0.3378, 0.3966



74.8379, 0.2771, 0.3611



74.8379, 0.2847, 0.2695



74.8379, 0.3474, 0.2993

Sweetspot

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



74.8412, 0.3378, 0.3966



97.5495, 0.3205, 0.3490



57.4009, 0.3625, 0.3505



20.7852, 0.3220, 0.3528



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.



74.8412, 0.3378, 0.3966



91.4671, 0.3427, 0.4113



70.7644, 0.3166, 0.4013



16.5762, 0.3219, 0.3526



36.1728, 0.3646, 0.5487



2.7221, 0.3728, 0.5422

Inverse Universe

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



46.4140, 0.2825, 0.2581



50.6688, 0.2750, 0.2417



50.7081, 0.3066, 0.2629



14.1077, 0.3029, 0.3050



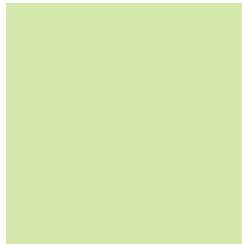
4.0917, 0.1725, 0.0724



0.3506, 0.1884, 0.0811

Previews

White Background



This preview shows how the Yxy color 74.8379, 0.3378, 0.3966 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 74.8379, 0.3378, 0.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

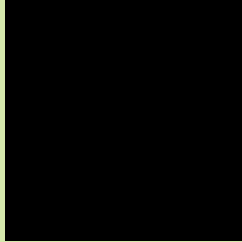
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

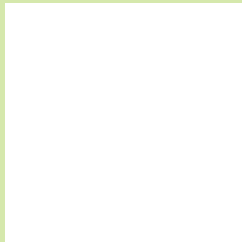
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8379, 0.3378, 0.3966

Background



This preview shows how black text looks on a background with the Yxy color 74.8379, 0.3378, 0.3966.

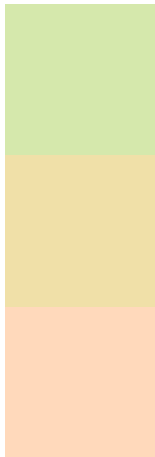


This preview shows how white text looks on a background with the Yxy color 74.8379, 0.3378, 0.3966.

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

74.8379, 0.3378, 0.3966

Protanopia

74.6637, 0.3626, 0.3887

Deuteranopia

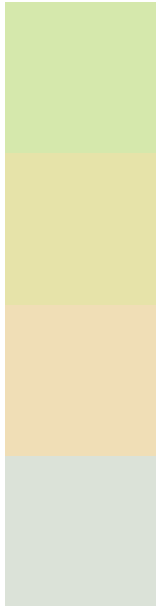
74.4736, 0.3625, 0.3599



Tritanopia

74.8142, 0.3012, 0.3100

Trichromacy



Original Color

74.8379, 0.3378, 0.3966

Protanomaly

74.6257, 0.3535, 0.3922

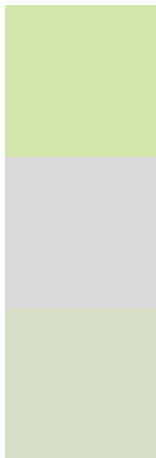
Deuteranomaly

74.1452, 0.3534, 0.3717

Tritanomaly

74.4106, 0.3143, 0.3399

Monochromacy



Original Color

74.8379, 0.3378, 0.3966

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

72.3273, 0.3222, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8379, 0.3378, 0.3966 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, 232, 172)` looks like.

```
.text, #text, p{  
    color:rgb(213, 232, 172)  
}
```

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, 232, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 232, 172) }
```

Border

The CSS property to change the border of an element to Yxy 74.8379, 0.3378, 0.3966 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, 232, 172) }
```

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

```
.border{ border-color:rgb(213, 232, 172) }
```

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

Here you see how a box with a 4 pixel rgb(213, 232, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 232, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 232, 172);  
box-shadow:4px 4px 4px 4px rgb(213, 232,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8379, 0.3378, 0.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 232, 172) }
```

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

```
.background{ background-color: rgb(213,  
232, 172) }
```

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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