

Converting Colors

$Yxy(74.1514, 0.3388, 0.3876)$

Have a look what the booklet for
Yxy(74.1514, 0.3388, 0.3876)
contains.

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Color

Yxy(74.1184, 0.3388, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	DAE5B1
RGB	218, 229, 177
RGB Percent	85%, 90%, 69%
CMY	0.1451, 0.1019, 0.3059
CMYK	0.05, 0.00, 0.23, 0.10
HSL	73°, 50%, 80%
HSV	73°, 23%, 90%
XYZ	64.8704, 74.1184, 52.4822
YIQ	219.7830, 10.1360, -18.5040

Conversions

Conversions Part 2

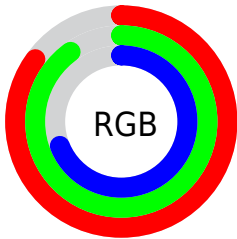
Format	Color
RYB	177, 229, 188
Decimal	14345649
CIELab	88.98, -12.27, 24.18
CIElCh	89, 27.119, 116.901
Yxy	74.1184, 0.3388, 0.3871
Android (android.graphics.Color)	4292535729 (0xFFDAE5B1)
YUV	219.7830, -21.0920, -1.5637
Hunter-Lab	86.0920, -16.1613, 24.1209

Details

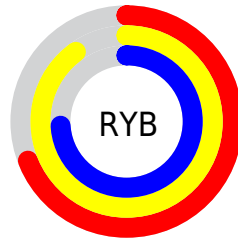
The Yxy color **74.1184, 0.3388, 0.3871** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.7933, 0.2826, 0.2669**, and the grayscale version is **71.5582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **39.5139, 0.3446, 0.4020** is the 20% darker color. If you saturate the color by 10%, you get **72.5481, 0.3500, 0.4139**, and if you desaturate by 10%, it is **75.8703, 0.3273, 0.3608**.

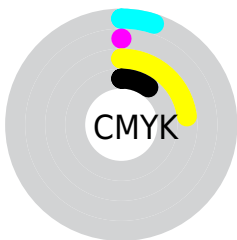
Distribution



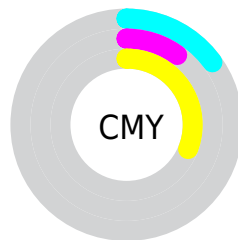
- Red (85%)
- Green (90%)
- Blue (69%)



- Red (69%)
- Yellow (90%)
- Blue (74%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)





- Cyan (15%)
- Magenta (10%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1184, 0.3388, 0.3871 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 74.1184, 0.3388, 0.3871 by changing the saturation by 10% instead.


 74.1184, 0.3388,
0.3871

 74.1184, 0.3388,
0.3871

474.8819, 0.3272,
0.3597

 54.8910, 0.3413,
0.3934


 125.0636, 0.3349,
0.3775

 39.3144, 0.3444,
0.4013


157.5502, 0.3333,
0.3738

 27.0044, 0.3481,
0.4113


195.2253, 0.3319,
0.3707

 17.5765, 0.3527,
0.4245


238.4732, 0.3308,
0.3679

 10.6464, 0.3585,
0.4424

287.6785, 0.3297,
0.3655

 5.8296, 0.3657,
0.4682

343.2254, 0.3288,

 2.7417, 0.3770,

0.3633

0.5116

405.4984, 0.3279,
0.3614

0.9984, 0.3925,
0.6075

0.0000, 0.0000,
0.0000

74.1184, 0.3388,
0.3871

74.1184, 0.3388,
0.3871

72.5481, 0.3500,
0.4139

75.8703, 0.3273,
0.3608

71.1417, 0.3604,
0.4403

77.8013, 0.3158,
0.3356

69.8941, 0.3694,
0.4652

79.9215, 0.3046,
0.3119

68.7959, 0.3766,
0.4876

81.3298, 0.3021,
0.3029

67.8366, 0.3814,
0.5064

82.1764, 0.3053,
0.3032

67.0044, 0.3837,
0.5207

83.0456, 0.3086,
0.3034

66.2847, 0.3834,
0.5303

83.9376, 0.3118,
0.3037

65.8141, 0.3819,
0.5350

84.5205, 0.3139,
0.3039

Harmonies

Analogous

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



74.1184, 0.3650, 0.3803



74.1184, 0.3388, 0.3871



74.1184, 0.3065, 0.3763

Triad

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



74.1184, 0.3388, 0.3871



74.1184, 0.2521, 0.2930



74.1184, 0.3485, 0.3080

Complementary

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



74.1184, 0.3388, 0.3871



47.7933, 0.2826, 0.2669

Split Complementary

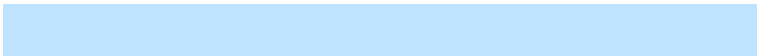
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1184, 0.3164, 0.2874



74.1184, 0.3388, 0.3871



74.1184, 0.2618, 0.2781

Square

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



74.1184, 0.3388, 0.3871



74.1184, 0.2574, 0.3193



74.1184, 0.2848, 0.2765



74.1184, 0.3712, 0.3341

Rectangle

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



74.1184, 0.3388, 0.3871



74.1184, 0.2859, 0.3603



74.1184, 0.2848, 0.2765



74.1184, 0.3383, 0.3003

Sweetspot

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



74.1217, 0.3388, 0.3871



98.1944, 0.3207, 0.3463



55.5445, 0.3567, 0.3410



20.9855, 0.3214, 0.3479



0.0000, 0.0000, 0.0000



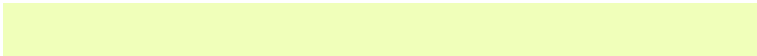
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1217, 0.3388, 0.3871



93.6744, 0.3439, 0.3990



70.5002, 0.3205, 0.3906



16.6554, 0.3235, 0.3524



37.6818, 0.3825, 0.5345



2.8231, 0.3881, 0.5300

Inverse Universe

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



47.7933, 0.2826, 0.2669



54.7780, 0.2756, 0.2531



51.3089, 0.3026, 0.2704



14.0332, 0.3013, 0.3049



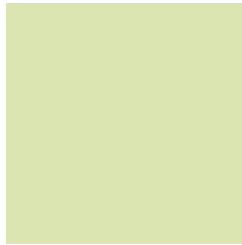
3.6416, 0.1610, 0.0660



0.3087, 0.1747, 0.0736

Previews

White Background



This preview shows how the Yxy color 74.1184, 0.3388, 0.3871 looks on a white background.

Color Contrast Check

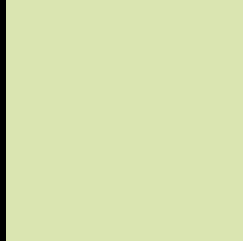
Large Text (above 18pt) WCAG AA × Fail

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 74.1184, 0.3388, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

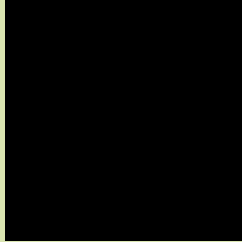
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

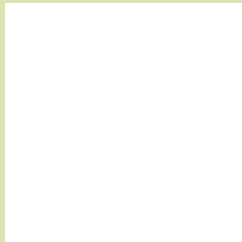
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1184, 0.3388, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 74.1184, 0.3388, 0.3871.

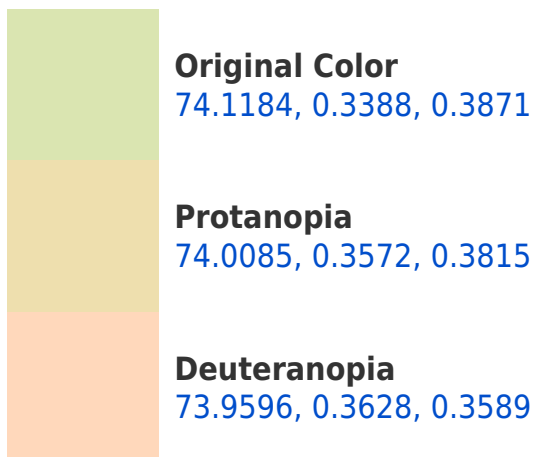


This preview shows how white text looks on a background with the Yxy color 74.1184, 0.3388, 0.3871.

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

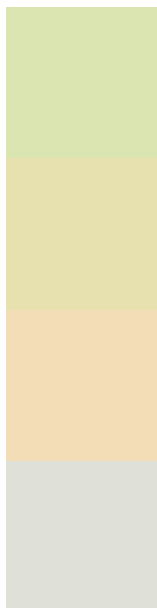




Tritanopia

74.0547, 0.3052, 0.3111

Trichromacy



Original Color

74.1184, 0.3388, 0.3871

Protanomaly

73.9345, 0.3507, 0.3834

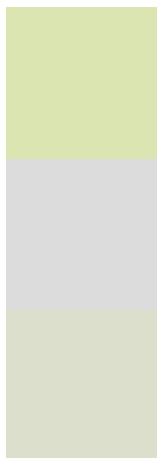
Deuteranomaly

74.0090, 0.3544, 0.3694

Tritanomaly

73.9572, 0.3172, 0.3377

Monochromacy



Original Color

74.1184, 0.3388, 0.3871

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.1951, 0.3224, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1184, 0.3388, 0.3871 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(218, 229, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 229, 177) }
```

Border

The CSS property to change the border of an element to Yxy 74.1184, 0.3388, 0.3871 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, 177) }
```

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

```
.border{ border-color:rgb(218, 229, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 229, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 229, 177);  
box-shadow:4px 4px 4px 4px rgb(218, 229,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1184, 0.3388, 0.3871 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, 177) }
```

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

```
.background{ background-color: rgb(218,  
229, 177) }
```

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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