

Converting Colors

$Yxy(73.8724, 0.3239, 0.3601)$

Have a look what the booklet for
Yxy(73.8724, 0.3239, 0.3601)
contains.

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Color

Yxy(73.8134, 0.3239, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	D9E3C7
RGB	217, 227, 199
RGB Percent	85%, 89%, 78%
CMY	0.1490, 0.1098, 0.2196
CMYK	0.04, 0.00, 0.12, 0.11
HSL	81°, 33%, 84%
HSV	81°, 12%, 89%
XYZ	66.3931, 73.8134, 64.7738
YIQ	220.8180, 3.0280, -10.8280

Conversions

Conversions Part 2

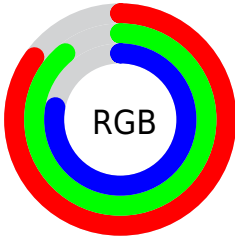
Format	Color
R _Y B	199, 227, 209
Decimal	14279623
CIE Lab	88.83, -8.23, 12.54
CIE LCh	89, 15.002, 123.275
Yxy	73.8134, 0.3239, 0.3601
Android (android.graphics.Color)	4292469703 (0xFFD9E3C7)
YUV	220.8180, -10.7563, -3.3484
Hunter-Lab	85.9147, -12.4097, 15.4397

Details

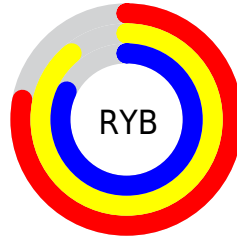
The Yxy color **73.8134, 0.3239, 0.3601** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.9423, 0.3005, 0.2974**, and the grayscale version is **72.2491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2308, 0.3264, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **71.6282, 0.3329, 0.3871**, and if you desaturate by 10%, it is **76.2232, 0.3148, 0.3347**.

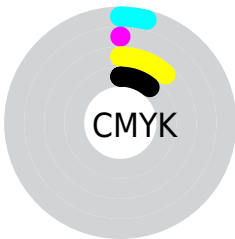
Distribution



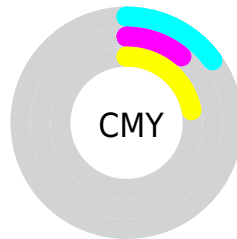
- Red (85%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8134, 0.3239, 0.3601 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 73.8134, 0.3239, 0.3601 by changing the saturation by 10% instead.

■ 73.8134, 0.3239,
0.3601

■ 73.8134, 0.3239,
0.3601

473.8291, 0.3188,
0.3455

■ 54.6413, 0.3250,
0.3635

124.6313, 0.3222,
0.3550

■ 39.1146, 0.3264,
0.3677

157.0458, 0.3215,
0.3530

■ 26.8489, 0.3281,
0.3730

194.6433, 0.3209,
0.3513

■ 17.4598, 0.3303,
0.3801

237.8082, 0.3204,
0.3499

■ 10.5628, 0.3332,
0.3899

286.9248, 0.3199,
0.3486

■ 5.7737, 0.3371,
0.4042

342.3776, 0.3195,

■ 2.7080, 0.3427,

0.3474

0.4270

404.5509, 0.3192,
0.3464

0.9812, 0.3839,
0.5170

0.0000, 0.0000,
0.0000

73.8134, 0.3239,
0.3601

73.8134, 0.3239,
0.3601

71.6282, 0.3329,
0.3871

76.2232, 0.3148,
0.3347

69.6503, 0.3416,
0.4152

78.8555, 0.3059,
0.3112

67.8745, 0.3494,
0.4434

80.9168, 0.3048,
0.3011

66.2918, 0.3558,
0.4709

82.3771, 0.3102,
0.3016

■ 64.8924, 0.3605,
0.4962

■ 83.4209, 0.3140,
0.3019

■ 63.6653, 0.3629,
0.5182

■ 62.5982, 0.3629,
0.5356

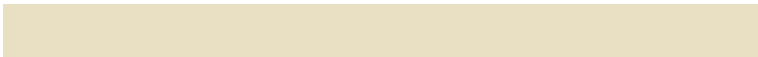
■ 61.6761, 0.3604,
0.5480

■ 61.0502, 0.3572,
0.5546

Harmonies

Analogous

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



73.8134, 0.3393, 0.3591



73.8134, 0.3239, 0.3601



73.8134, 0.3058, 0.3521

Triad

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



73.8134, 0.3239, 0.3601



73.8134, 0.2789, 0.3069



73.8134, 0.3358, 0.3204

Complementary

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



73.8134, 0.3239, 0.3601



59.9423, 0.3005, 0.2974

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.



73.8134, 0.3190, 0.3074



73.8134, 0.3239, 0.3601



73.8134, 0.2863, 0.2995

Square

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



73.8134, 0.3239, 0.3601



73.8134, 0.2802, 0.3207



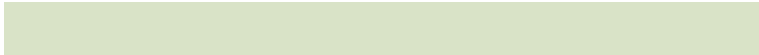
73.8134, 0.3009, 0.2999



73.8134, 0.3464, 0.3357

Rectangle

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



73.8134, 0.3239, 0.3601



73.8134, 0.2947, 0.3428



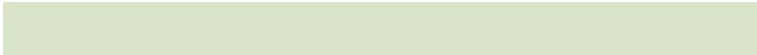
73.8134, 0.3009, 0.2999



73.8134, 0.3306, 0.3156

Sweetspot

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



73.8166, 0.3239, 0.3601



98.6764, 0.3163, 0.3388



65.9553, 0.3336, 0.3399



21.0687, 0.3170, 0.3407



0.0000, 0.0000, 0.0000



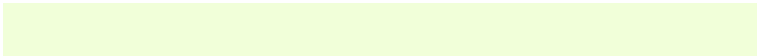
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8166, 0.3239, 0.3601



95.2788, 0.3264, 0.3674



71.7875, 0.3141, 0.3610



16.5465, 0.3213, 0.3526



35.6707, 0.3581, 0.5539



2.6876, 0.3671, 0.5467

Inverse Universe

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



59.9423, 0.3005, 0.2974



73.6066, 0.2975, 0.2898



62.0452, 0.3109, 0.2984



14.1362, 0.3036, 0.3051



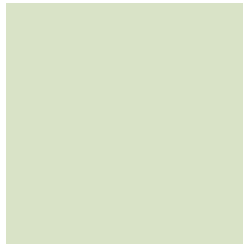
4.3148, 0.1781, 0.0755



0.3696, 0.1943, 0.0844

Previews

White Background



This preview shows how the Yxy color 73.8134, 0.3239, 0.3601 looks on a white background.

Color Contrast Check

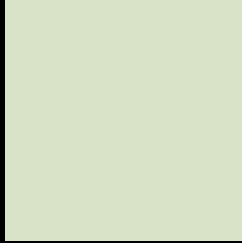
Large Text (above 18pt) WCAG AA × Fail

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 73.8134, 0.3239, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

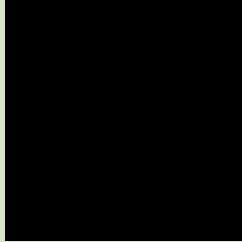
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

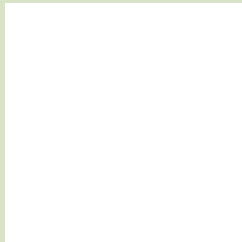
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8134, 0.3239, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 73.8134, 0.3239, 0.3601.

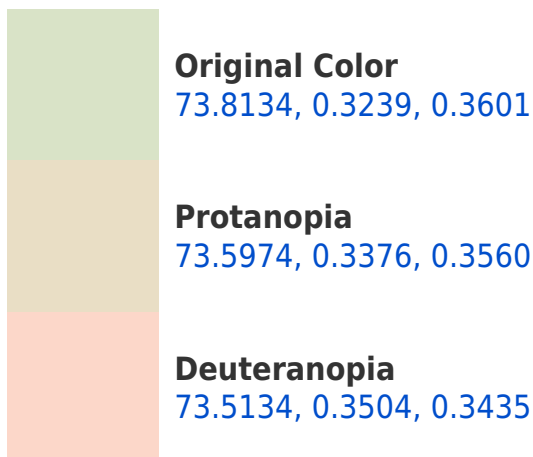


This preview shows how white text looks on a background with the Yxy color 73.8134, 0.3239, 0.3601.

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

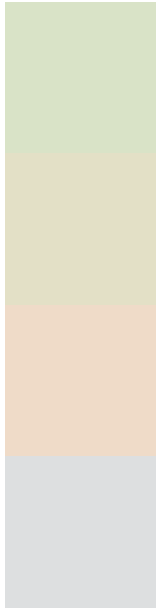




Tritanopia

73.6329, 0.3025, 0.3099

Trichromacy



Original Color

73.8134, 0.3239, 0.3601

Protanomaly

73.7194, 0.3322, 0.3574

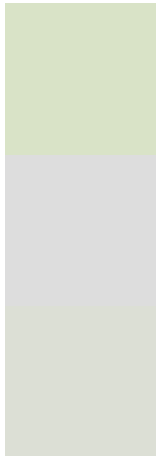
Deuteranomaly

73.1839, 0.3405, 0.3492

Tritanomaly

73.5293, 0.3107, 0.3279

Monochromacy



Original Color

73.8134, 0.3239, 0.3601

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7951, 0.3172, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8134, 0.3239, 0.3601 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(217, 227, 199)` looks like.

```
.text, #text, p{  
    color:rgb(217, 227, 199)  
}
```

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(217, 227, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 199) }
```

Border

The CSS property to change the border of an element to Yxy 73.8134, 0.3239, 0.3601 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(217, 227, 199) }
```

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

```
.border{ border-color:rgb(217, 227, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 227, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 199);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8134, 0.3239, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 227, 199) }
```

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

```
.background{ background-color: rgb(217,  
227, 199) }
```

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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