

Converting Colors

$Y_{xy}(73.9585, 0.3378, 0.3713)$

Have a look what the booklet for
Yxy(73.9585, 0.3378, 0.3713)
contains.

Yxy(73.9881, 0.3378, 0.3719)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.9881, 0.3378, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	E1E2BB
RGB	225, 226, 187
RGB Percent	88%, 89%, 73%
CMY	0.1179, 0.1136, 0.2667
CMYK	0.00, 0.00, 0.17, 0.11
HSL	62°, 40%, 81%
HSV	62°, 17%, 89%
XYZ	67.2040, 73.9881, 57.7541
YIQ	221.2550, 11.9230, -12.3410

Conversions

Conversions Part 2

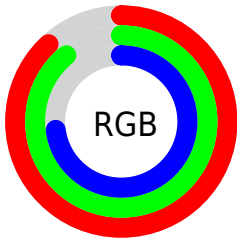
Format	Color
R _Y B	187, 226, 188
Decimal	14803643
CIE Lab	88.92, -6.79, 18.99
CIE LCh	89, 20.171, 109.665
Yxy	73.9881, 0.3378, 0.3719
Android (android.graphics.Color)	4292993723 (0xFFE1E2BB)
YUV	221.2550, -16.8877, 3.2844
Hunter-Lab	86.0163, -11.0676, 20.4023

Details

The Yxy color **73.9881, 0.3378, 0.3719** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.7367, 0.2853, 0.2824**, and the grayscale version is **72.6061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **39.2821, 0.3427, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **72.9979, 0.3525, 0.3972**, and if you desaturate by 10%, it is **75.1376, 0.3231, 0.3468**.

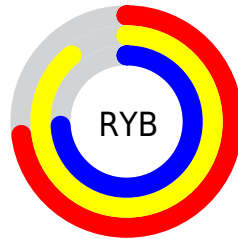
Distribution



Red (88%)

Green (89%)

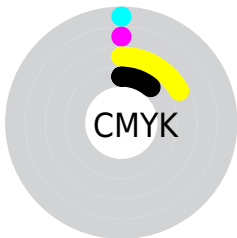
Blue (73%)



Red (73%)

Yellow (89%)

Blue (74%)

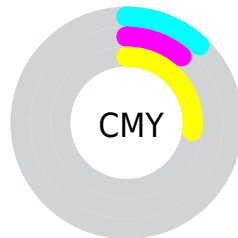


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (11%)



Cyan (12%)


Magenta (11%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9881, 0.3378, 0.3719 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 73.9881, 0.3378, 0.3719 by changing the saturation by 10% instead.


 73.9881, 0.3378,
0.3719

 73.9881, 0.3378,
0.3719


474.4323, 0.3264,
0.3519

 54.7843, 0.3403,
0.3765


 124.8789, 0.3339,
0.3649

 39.2291, 0.3435,
0.3822


157.3348, 0.3324,
0.3622

 26.9380, 0.3473,
0.3895


194.9767, 0.3310,
0.3599

 17.5266, 0.3523,
0.3990

238.1892, 0.3299,
0.3579

 10.6107, 0.3589,
0.4120

287.3566, 0.3288,
0.3561

 5.8057, 0.3678,
0.4307

342.8633, 0.3279,

 2.7273, 0.3802,

0.3545

0.4594

405.0938, 0.3271,
0.3531

0.9911, 0.4380,
0.5620

0.0000, 0.0000,
0.0000

73.9881, 0.3378,
0.3719

73.9881, 0.3378,
0.3719

72.9979, 0.3525,
0.3972

75.1376, 0.3231,
0.3468

72.1500, 0.3668,
0.4219

76.4432, 0.3089,
0.3225


71.4400, 0.3800,
0.4450

77.9145, 0.2953,
0.2994

70.8596, 0.3916,
0.4655


78.0285, 0.2956,
0.2993

 70.3995, 0.4010,
0.4826

 78.1307, 0.2960,
0.2993

 70.0492, 0.4080,
0.4954


 78.2332, 0.2964,
0.2994

 69.7962, 0.4123,
0.5039

 78.3362, 0.2969,
0.2994

 69.6243, 0.4142,
0.5083

 78.4395, 0.2973,
0.2994

 69.5841, 0.4145,
0.5091

 78.5432, 0.2977,
0.2995

Harmonies

Analogous

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



73.9881, 0.3550, 0.3647



73.9881, 0.3378, 0.3719



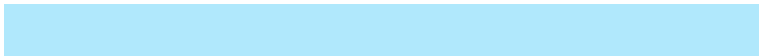
73.9881, 0.3142, 0.3668

Triad

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



73.9881, 0.3378, 0.3719



73.9881, 0.2669, 0.3066



73.9881, 0.3340, 0.3090

Complementary

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



73.9881, 0.3378, 0.3719



51.7367, 0.2853, 0.2824

Split Complementary

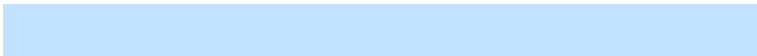
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9881, 0.3097, 0.2947



73.9881, 0.3378, 0.3719



73.9881, 0.2716, 0.2928

Square

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



73.9881, 0.3378, 0.3719



73.9881, 0.2738, 0.3277



73.9881, 0.2870, 0.2888



73.9881, 0.3530, 0.3283

Rectangle

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



73.9881, 0.3378, 0.3719



73.9881, 0.2983, 0.3567



73.9881, 0.2870, 0.2888



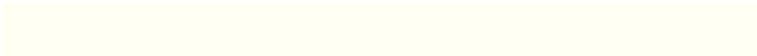
73.9881, 0.3262, 0.3035

Sweetspot

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



73.9914, 0.3378, 0.3719



99.1390, 0.3199, 0.3413



55.5794, 0.3457, 0.3298



21.1948, 0.3209, 0.3430



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.



73.9914, 0.3378, 0.3719



96.7382, 0.3435, 0.3817



71.0953, 0.3238, 0.3738



16.0092, 0.3263, 0.3522



39.6978, 0.4145, 0.5091



2.7578, 0.4153, 0.5084

Inverse Universe

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



51.7367, 0.2853, 0.2824



61.8905, 0.2783, 0.2706



54.3236, 0.2998, 0.2844



13.2613, 0.2985, 0.3048



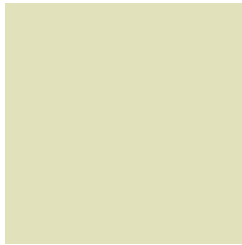
3.1640, 0.1509, 0.0605



0.2258, 0.1535, 0.0619

Previews

White Background



This preview shows how the Yxy color 73.9881, 0.3378, 0.3719 looks on a white background.

Color Contrast Check

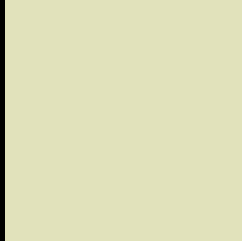
Large Text (above 18pt) WCAG AA × Fail

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 73.9881, 0.3378, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

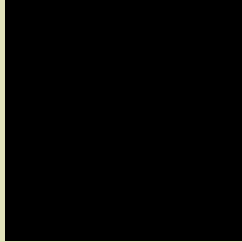
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

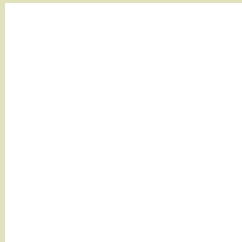
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9881, 0.3378, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 73.9881, 0.3378, 0.3719.



This preview shows how white text looks on a background with the Yxy color 73.9881, 0.3378, 0.3719.

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

73.9881, 0.3378, 0.3719

Protanopia

74.1110, 0.3480, 0.3699

Deuteranopia

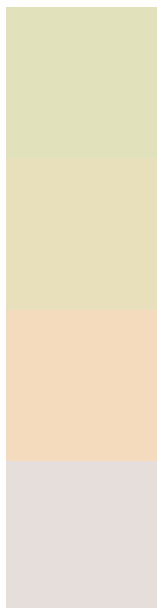
73.6225, 0.3601, 0.3538



Tritanopia

73.8750, 0.3107, 0.3112

Trichromacy



Original Color

73.9881, 0.3378, 0.3719

Protanomaly

74.0123, 0.3441, 0.3702

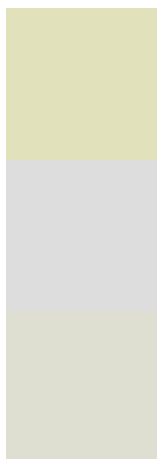
Deuteranomaly

73.6138, 0.3514, 0.3597

Tritanomaly

73.9625, 0.3204, 0.3333

Monochromacy



Original Color

73.9881, 0.3378, 0.3719

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.9084, 0.3212, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9881, 0.3378, 0.3719 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(225, 226, 187)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 187)  
}
```

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(225, 226, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 187) }
```

Border

The CSS property to change the border of an element to Yxy 73.9881, 0.3378, 0.3719 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(225, 226, 187) }
```

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

```
.border{ border-color:rgb(225, 226, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 187);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9881, 0.3378, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 187) }
```

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

```
.background{ background-color: rgb(225,  
226, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor