

Converting Colors

$Yxy(73.8878, 0.3376, 0.3629)$

Have a look what the booklet for
Yxy(73.8878, 0.3376, 0.3629)
contains.

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Color

Yxy(73.9846, 0.3378, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	E6E0C1
RGB	230, 224, 193
RGB Percent	90%, 88%, 76%
CMY	0.0982, 0.1215, 0.2432
CMYK	0.00, 0.03, 0.16, 0.10
HSL	50°, 42%, 83%
HSV	50°, 16%, 90%
XYZ	68.9054, 73.9846, 61.0929
YIQ	222.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

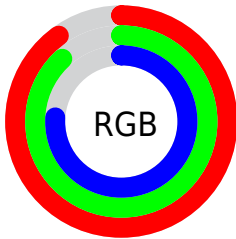
Format	Color
R _Y B	200, 230, 193
Decimal	15130817
CIE Lab	88.92, -3.05, 15.93
CIE LCh	89, 16.220, 100.850
Yxy	73.9846, 0.3378, 0.3627
Android (android.graphics.Color)	4293320897 (0xFFE6E0C1)
YUV	222.2600, -14.4252, 6.7880
Hunter-Lab	86.0143, -7.5300, 18.0984

Details

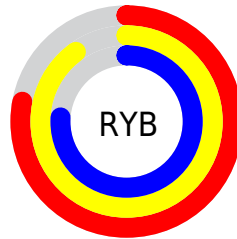
The Yxy color **73.9846, 0.3378, 0.3627** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.8661, 0.2869, 0.2929**, and the grayscale version is **73.3354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **39.2387, 0.3437, 0.3715** is the 20% darker color. If you saturate the color by 10%, you get **71.0722, 0.3545, 0.3843**, and if you desaturate by 10%, it is **77.1064, 0.3219, 0.3415**.

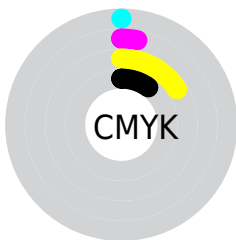
Distribution



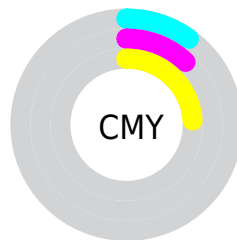
- Red (90%)
- Green (88%)
- Blue (76%)



- Red (78%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (10%)





- Cyan (10%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9846, 0.3378, 0.3627 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 73.9846, 0.3378, 0.3627 by changing the saturation by 10% instead.


 73.9846, 0.3378,
0.3627

 73.9846, 0.3378,
0.3627


474.4202, 0.3263,
0.3471

 54.7814, 0.3404,
0.3663


 124.8740, 0.3338,
0.3573

 39.2268, 0.3436,
0.3707


157.3290, 0.3323,
0.3552

 26.9362, 0.3476,
0.3763


194.9700, 0.3309,
0.3533

 17.5253, 0.3528,
0.3836

238.1816, 0.3298,
0.3518

 10.6097, 0.3598,
0.3936

287.3480, 0.3287,
0.3504

 5.8051, 0.3696,
0.4079


342.8536, 0.3278,

 2.7269, 0.3841,


0.3491

0.4298


405.0829, 0.3270,
0.3480


 0.9909, 0.4657,
0.5343


 0.0000, 0.0000,
0.0000


 73.9846, 0.3378,
0.3627


 73.9846, 0.3378,
0.3627


 71.0722, 0.3545,
0.3843


 77.1064, 0.3219,
0.3415


 68.3518, 0.3716,
0.4058

 80.4350, 0.3070,
0.3212

 65.8185, 0.3887,
0.4261

 83.5227, 0.2974,
0.3089

 63.4633, 0.4049,
0.4444

 85.6654, 0.2974,
0.3126

61.2764, 0.4197,
0.4596

87.8525, 0.2974,
0.3164

59.2467, 0.4323,
0.4709

90.0841, 0.2975,
0.3202

57.3613, 0.4421,
0.4776

92.3607, 0.2975,
0.3239

55.6042, 0.4491,
0.4797

94.6824, 0.2975,
0.3276

54.9401, 0.4514,
0.4798

95.5577, 0.2975,
0.3290

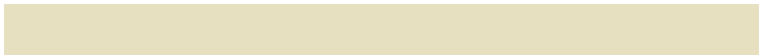
Harmonies

Analogous

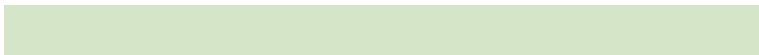
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9846, 0.3492, 0.3547



73.9846, 0.3378, 0.3627



73.9846, 0.3199, 0.3614

Triad

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



73.9846, 0.3378, 0.3627



73.9846, 0.2763, 0.3158



73.9846, 0.3244, 0.3088

Complementary

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



73.9846, 0.3378, 0.3627



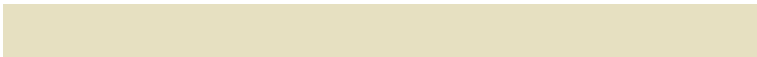
57.8661, 0.2869, 0.2929

Split Complementary

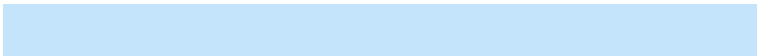
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9846, 0.3046, 0.2990



73.9846, 0.3378, 0.3627



73.9846, 0.2774, 0.3024

Square

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



73.9846, 0.3378, 0.3627



73.9846, 0.2847, 0.3335



73.9846, 0.2876, 0.2965



73.9846, 0.3414, 0.3237

Rectangle

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



73.9846, 0.3378, 0.3627



73.9846, 0.3068, 0.3551



73.9846, 0.2876, 0.2965



73.9846, 0.3178, 0.3048

Sweetspot

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



73.9879, 0.3378, 0.3627



97.9037, 0.3203, 0.3393



59.0830, 0.3382, 0.3222



20.8935, 0.3214, 0.3408



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.



73.9879, 0.3378, 0.3627



92.3889, 0.3428, 0.3692



75.2757, 0.3279, 0.3700



16.4014, 0.3272, 0.3486



31.2651, 0.4508, 0.4803



2.4165, 0.4454, 0.4845

Inverse Universe

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



57.8661, 0.2869, 0.2929



68.6896, 0.2816, 0.2853



56.8700, 0.2957, 0.2869



14.2599, 0.2980, 0.3087



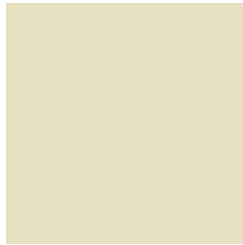
4.0998, 0.1539, 0.0741



0.4172, 0.1604, 0.0975

Previews

White Background



This preview shows how the Yxy color 73.9846, 0.3378, 0.3627 looks on a white background.

Color Contrast Check

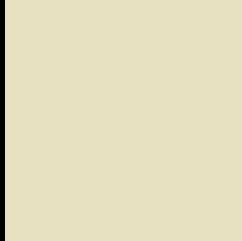
Large Text (above 18pt) WCAG AA × Fail

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 73.9846, 0.3378, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

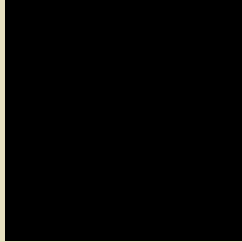
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

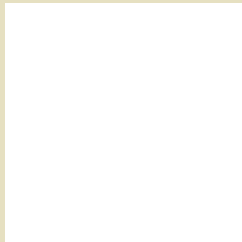
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9846, 0.3378, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 73.9846, 0.3378, 0.3627.

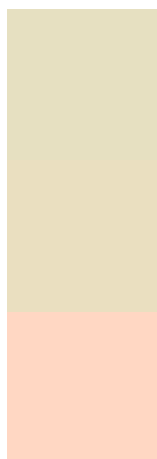


This preview shows how white text looks on a background with the Yxy color 73.9846, 0.3378, 0.3627.

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

73.9846, 0.3378, 0.3627

Protanopia

74.0735, 0.3417, 0.3624

Deuteranopia

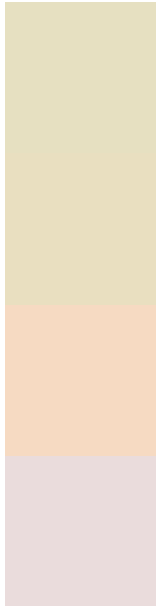
73.8010, 0.3571, 0.3496



Tritanopia

73.9738, 0.3143, 0.3114

Trichromacy



Original Color

73.9846, 0.3378, 0.3627

Protanomaly

73.9048, 0.3409, 0.3625

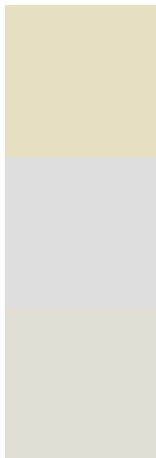
Deuteranomaly

73.6307, 0.3503, 0.3542

Tritanomaly

73.8461, 0.3228, 0.3290

Monochromacy



Original Color

73.9846, 0.3378, 0.3627

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4861, 0.3221, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9846, 0.3378, 0.3627 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(230, 224, 193)` looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 193)  
}
```

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(230, 224, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 193) }
```

Border

The CSS property to change the border of an element to Yxy 73.9846, 0.3378, 0.3627 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(230, 224, 193) }
```

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

```
.border{ border-color:rgb(230, 224, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 224, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 193);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9846, 0.3378, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 193) }
```

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

```
.background{ background-color: rgb(230,  
224, 193) }
```

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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