

Converting Colors

$Yxy(73.3177, 0.3347, 0.3564)$

Have a look what the booklet for
Yxy(73.3177, 0.3347, 0.3564)
contains.

Yxy(73.4646, 0.3345, 0.3573)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.4646, 0.3345, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	E5DFC5
RGB	229, 223, 197
RGB Percent	90%, 87%, 77%
CMY	0.1020, 0.1255, 0.2275
CMYK	0.00, 0.03, 0.14, 0.10
HSL	49°, 38%, 84%
HSV	49°, 14%, 90%
XYZ	68.7767, 73.4646, 63.3691
YIQ	221.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

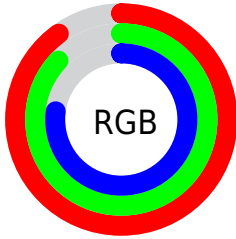
Format	Color
RYB	204, 229, 197
Decimal	15065029
CIELab	88.67, -2.27, 13.48
CIELCh	89, 13.672, 99.562
Yxy	73.4646, 0.3345, 0.3573
Android (android.graphics.Color)	4293255109 (0xFFE5DFC5)
YUV	221.8300, -12.2412, 6.2881
Hunter-Lab	85.7115, -6.7630, 16.1631

Details

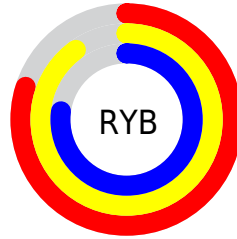
The Yxy color **73.4646, 0.3345, 0.3573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2260, 0.2905, 0.2990**, and the grayscale version is **73.0034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **38.8727, 0.3394, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **70.2357, 0.3513, 0.3783**, and if you desaturate by 10%, it is **76.9174, 0.3187, 0.3369**.

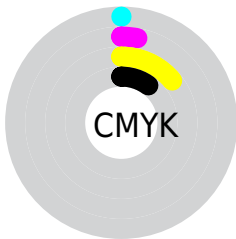
Distribution



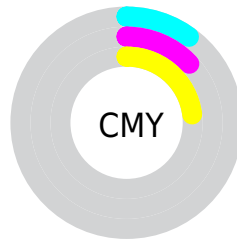
- Red (90%)
- Green (87%)
- Blue (77%)



- Red (80%)
- Yellow (90%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4646, 0.3345, 0.3573 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 73.4646, 0.3345, 0.3573 by changing the saturation by 10% instead.

■ 73.4646, 0.3345,
0.3573

■ 73.4646, 0.3345,
0.3573

472.6235, 0.3245,
0.3442

■ 54.3559, 0.3368,
0.3603

124.1365, 0.3310,
0.3527

■ 38.8863, 0.3396,
0.3640

156.4686, 0.3297,
0.3510

■ 26.6713, 0.3431,
0.3688

193.9773, 0.3285,
0.3494

■ 17.3265, 0.3477,
0.3749

237.0470, 0.3275,
0.3481

■ 10.4676, 0.3539,
0.3834

286.0620, 0.3266,
0.3469

■ 5.7100, 0.3628,
0.3955

341.4069, 0.3258,

■ 2.6696, 0.3761,

0.3459

0.4143

403.4659, 0.3251,
0.3450

0.9618, 0.4460,
0.5007

0.0000, 0.0000,
0.0000

73.4646, 0.3345,
0.3573

73.4646, 0.3345,
0.3573

70.2357, 0.3513,
0.3783

76.9174, 0.3187,
0.3369

67.2133, 0.3687,
0.3993

80.5916, 0.3040,
0.3174

64.3927, 0.3863,
0.4194

83.7895, 0.2968,
0.3096

61.7648, 0.4035,
0.4378

86.2847, 0.2968,
0.3140

■ 59.3202, 0.4194,
0.4534

■ 88.8396, 0.2969,
0.3183

■ 57.0478, 0.4334,
0.4652

■ 91.4544, 0.2969,
0.3227

■ 54.9353, 0.4448,
0.4726

■ 94.1296, 0.2969,
0.3270

■ 52.9674, 0.4533,
0.4752

■ 95.3977, 0.2970,
0.3290

■ 51.8383, 0.4573,
0.4751

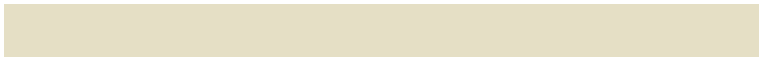
Harmonies

Analogous

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



73.4646, 0.3437, 0.3504



73.4646, 0.3345, 0.3573



73.4646, 0.3196, 0.3564

Triad

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



73.4646, 0.3345, 0.3573



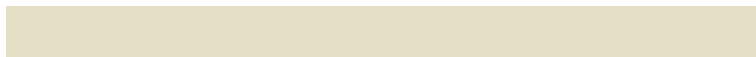
73.4646, 0.2820, 0.3185



73.4646, 0.3219, 0.3114

Complementary

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



73.4646, 0.3345, 0.3573



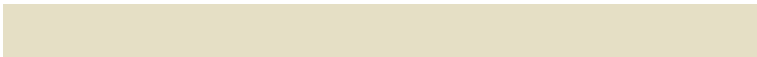
60.2260, 0.2905, 0.2990

Split Complementary

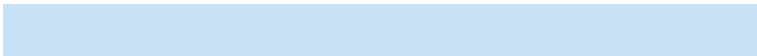
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4646, 0.3052, 0.3033



73.4646, 0.3345, 0.3573



73.4646, 0.2826, 0.3069

Square

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



73.4646, 0.3345, 0.3573



73.4646, 0.2894, 0.3335



73.4646, 0.2909, 0.3015



73.4646, 0.3364, 0.3240

Rectangle

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



73.4646, 0.3345, 0.3573



73.4646, 0.3085, 0.3514



73.4646, 0.2909, 0.3015



73.4646, 0.3164, 0.3081

Sweetspot

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



73.4678, 0.3345, 0.3573



98.1487, 0.3188, 0.3370



60.9142, 0.3335, 0.3220



20.9344, 0.3199, 0.3385



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.



73.4678, 0.3345, 0.3573



92.4492, 0.3396, 0.3638



75.1893, 0.3267, 0.3643



16.3345, 0.3272, 0.3480



29.8056, 0.4566, 0.4756



2.3215, 0.4502, 0.4807

Inverse Universe

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



60.2260, 0.2905, 0.2990



72.2263, 0.2852, 0.2916



58.7896, 0.2974, 0.2927



14.3213, 0.2980, 0.3093



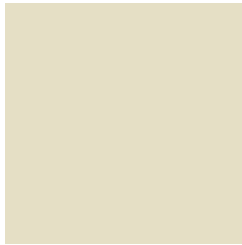
4.3445, 0.1550, 0.0779



0.4462, 0.1620, 0.1031

Previews

White Background



This preview shows how the Yxy color 73.4646, 0.3345, 0.3573 looks on a white background.

Color Contrast Check

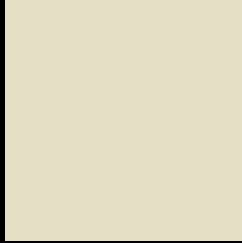
Large Text (above 18pt) WCAG AA × Fail

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 73.4646, 0.3345, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

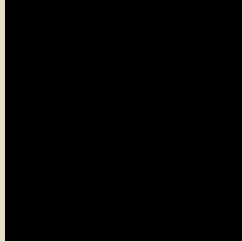
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

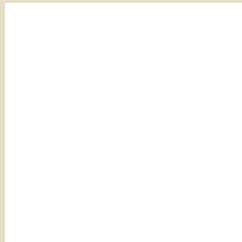
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4646, 0.3345, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 73.4646, 0.3345, 0.3573.

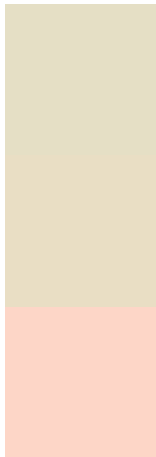


This preview shows how white text looks on a background with the Yxy color 73.4646, 0.3345, 0.3573.

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

73.4646, 0.3345, 0.3573

Protanopia

73.5517, 0.3383, 0.3571

Deuteranopia

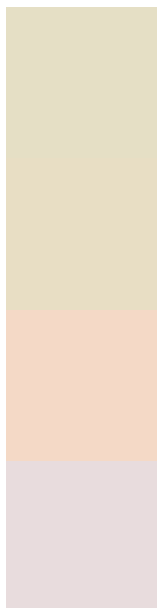
73.0993, 0.3529, 0.3445



Tritanopia

73.6334, 0.3128, 0.3113

Trichromacy



Original Color

73.4646, 0.3345, 0.3573

Protanomaly

73.3839, 0.3376, 0.3571

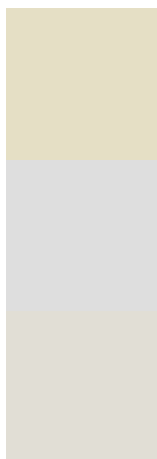
Deuteranomaly

72.9360, 0.3461, 0.3491

Tritanomaly

73.5627, 0.3207, 0.3280

Monochromacy



Original Color

73.4646, 0.3345, 0.3573

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.0542, 0.3208, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4646, 0.3345, 0.3573 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(229, 223, 197)` looks like.

```
.text, #text, p{  
  color:rgb(229, 223, 197)  
}
```

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(229, 223, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 197) }
```

Border

The CSS property to change the border of an element to Yxy 73.4646, 0.3345, 0.3573 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(229, 223, 197) }
```

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

```
.border{ border-color:rgb(229, 223, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 223, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 223, 197); box-shadow:4px 4px 4px 4px rgb(229, 223, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4646, 0.3345, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 197) }
```

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

```
.background{ background-color: rgb(229,  
223, 197) }
```

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