

Converting Colors

$Yxy(73.5631, 0.3324, 0.3439)$

Have a look what the booklet for
Yxy(73.5631, 0.3324, 0.3439)
contains.

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Color

Yxy(73.8801, 0.3323, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	EBDDCF
RGB	235, 221, 207
RGB Percent	92%, 87%, 81%
CMY	0.0786, 0.1332, 0.1883
CMYK	0.00, 0.06, 0.12, 0.08
HSL	30°, 41%, 87%
HSV	30°, 12%, 92%
XYZ	71.3673, 73.8801, 69.5203
YIQ	223.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

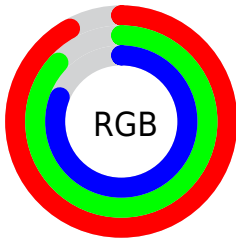
Format	Color
R _Y B	235, 235, 207
Decimal	15457743
CIE Lab	88.87, 2.45, 8.58
CIE LCh	89, 8.926, 74.091
Yxy	73.8801, 0.3323, 0.3440
Android (android.graphics.Color)	4293647823 (0xFFEBDDCF)
YUV	223.5900, -8.1789, 10.0066
Hunter-Lab	85.9535, -2.2099, 12.2130

Details

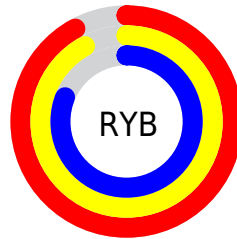
The Yxy color **73.8801, 0.3323, 0.3440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9297, 0.2942, 0.3135**, and the grayscale version is **74.2837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1560, 0.3366, 0.3470** is the 20% darker color. If you saturate the color by 10%, you get **66.8505, 0.3513, 0.3573**, and if you desaturate by 10%, it is **81.5182, 0.3156, 0.3313**.

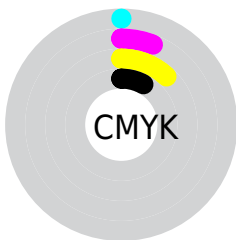
Distribution



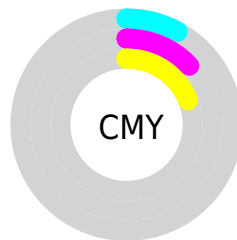
- Red (92%)
- Green (87%)
- Blue (81%)



- Red (92%)
- Yellow (92%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (8%)





- Cyan (8%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8801, 0.3323, 0.3440 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 73.8801, 0.3323, 0.3440 by changing the saturation by 10% instead.


 73.8801, 0.3323,
0.3440

 73.8801, 0.3323,
0.3440


474.0595, 0.3232,
0.3371

 54.6959, 0.3344,
0.3456


124.7258, 0.3292,
0.3416

 39.1583, 0.3369,
0.3475


157.1562, 0.3279,
0.3407

 26.8829, 0.3402,
0.3499


194.7706, 0.3269,
0.3399

 17.4853, 0.3444,
0.3530

237.9537, 0.3260,
0.3392

 10.5811, 0.3503,
0.3573

287.0897, 0.3252,
0.3386

 5.7859, 0.3586,
0.3634

342.5631, 0.3244,

 2.7153, 0.3718,

0.3380

0.3727

404.7582, 0.3238,
0.3376

0.9850, 0.4080,
0.4012

0.0000, 0.0000,
0.0000

73.8801, 0.3323,
0.3440

73.8801, 0.3323,
0.3440

66.8505, 0.3513,
0.3573

81.5182, 0.3156,
0.3313

60.4034, 0.3728,
0.3710

89.7706, 0.3011,
0.3195

54.5249, 0.3967,
0.3844

96.3946, 0.3005,
0.3290

49.1970, 0.4227,
0.3969

■ 44.4004, 0.4502,
0.4072

■ 40.1142, 0.4777,
0.4142

■ 36.3158, 0.5038,
0.4166

■ 32.9791, 0.5267,
0.4135

■ 30.5891, 0.5424,
0.4075

Harmonies

Analogous

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



73.8801, 0.3336, 0.3365



73.8801, 0.3323, 0.3440



73.8801, 0.3257, 0.3476

Triad

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



73.8801, 0.3323, 0.3440



73.8801, 0.2964, 0.3305



73.8801, 0.3095, 0.3126

Complementary

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



73.8801, 0.3323, 0.3440



70.9297, 0.2942, 0.3135

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.



73.8801, 0.2997, 0.3108



73.8801, 0.3323, 0.3440



73.8801, 0.2923, 0.3210

Square

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



73.8801, 0.3323, 0.3440



73.8801, 0.3050, 0.3398



73.8801, 0.2935, 0.3138



73.8801, 0.3203, 0.3185

Rectangle

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



73.8801, 0.3323, 0.3440



73.8801, 0.3192, 0.3472



73.8801, 0.2935, 0.3138



73.8801, 0.3060, 0.3115

Sweetspot

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



73.8834, 0.3323, 0.3440



96.1610, 0.3190, 0.3339



67.4924, 0.3240, 0.3142



20.4307, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



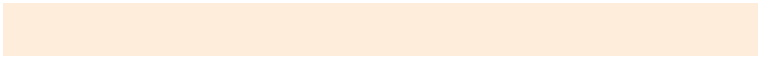
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8834, 0.3323, 0.3440



87.0832, 0.3362, 0.3468



81.5503, 0.3305, 0.3584



16.3031, 0.3280, 0.3408



17.2871, 0.5400, 0.4095



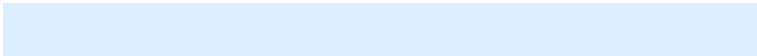
1.5499, 0.5188, 0.4263

Inverse Universe

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



70.9297, 0.2942, 0.3135



82.9443, 0.2907, 0.3105



63.8779, 0.2939, 0.2978



15.7887, 0.2981, 0.3169



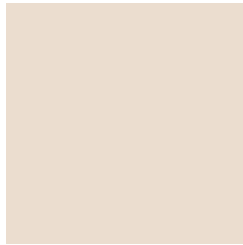
10.6837, 0.1771, 0.1574



1.0313, 0.1840, 0.1825

Previews

White Background



This preview shows how the Yxy color 73.8801, 0.3323, 0.3440 looks on a white background.

Color Contrast Check

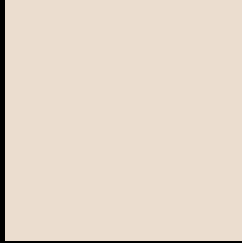
Large Text (above 18pt) WCAG AA × Fail

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 73.8801, 0.3323, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

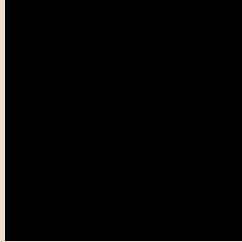
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.8801, 0.3323, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 73.8801, 0.3323, 0.3440.

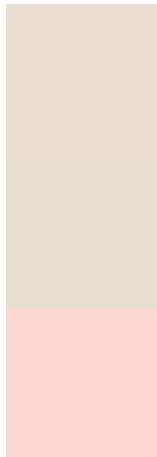


This preview shows how white text looks on a background with the Yxy color 73.8801, 0.3323, 0.3440.

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

73.8801, 0.3323, 0.3440

Protanopia

73.7855, 0.3286, 0.3441

Deuteranopia

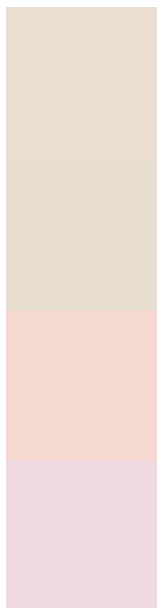
73.4789, 0.3438, 0.3363



Tritanopia

73.9169, 0.3171, 0.3115

Trichromacy



Original Color

73.8801, 0.3323, 0.3440

Protanomaly

73.9524, 0.3293, 0.3440

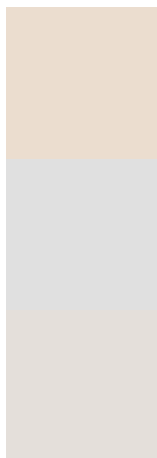
Deuteranomaly

73.5923, 0.3397, 0.3385

Tritanomaly

73.7018, 0.3231, 0.3228

Monochromacy



Original Color

73.8801, 0.3323, 0.3440

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3313, 0.3196, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8801, 0.3323, 0.3440 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(235, 221, 207)` looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 207)  
}
```

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(235, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 207) }
```

Border

The CSS property to change the border of an element to Yxy 73.8801, 0.3323, 0.3440 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(235, 221, 207) }
```

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

```
.border{ border-color:rgb(235, 221, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 221, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 207);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8801, 0.3323, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 207) }
```

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

```
.background{ background-color: rgb(235,  
221, 207) }
```

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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