

Converting Colors

Yxy(73.4119, 0.3309, 0.3441)

Have a look what the booklet for
Yxy(73.4119, 0.3309, 0.3441)
contains.

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Color

Yxy(73.5415, 0.3308, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	E9DDCF
RGB	233, 221, 207
RGB Percent	91%, 87%, 81%
CMY	0.0864, 0.1333, 0.1881
CMYK	0.00, 0.05, 0.11, 0.09
HSL	32°, 37%, 86%
HSV	32°, 11%, 91%
XYZ	70.7196, 73.5415, 69.5224
YIQ	222.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

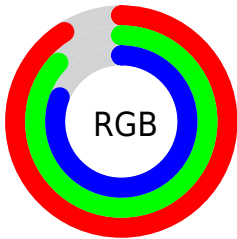
Format	Color
R_{YB}	229, 233, 207
Decimal	15326671
CIE Lab	88.71, 1.76, 8.31
CIE LCh	89, 8.490, 78.042
Yxy	73.5415, 0.3308, 0.3440
Android (android.graphics.Color)	4293516751 (0xFFE9DDCF)
YUV	222.9920, -7.8841, 8.7770
Hunter-Lab	85.7563, -2.8723, 11.9632

Details

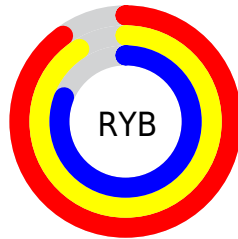
The Yxy color **73.5415, 0.3308, 0.3440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8142, 0.2954, 0.3135**, and the grayscale version is **73.8377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9195, 0.3347, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **66.9942, 0.3493, 0.3582**, and if you desaturate by 10%, it is **80.6265, 0.3144, 0.3305**.

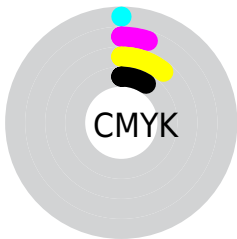
Distribution



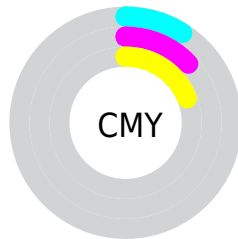
- Red (91%)
- Green (87%)
- Blue (81%)



- Red (90%)
- Yellow (91%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (9%)





- Cyan (9%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5415, 0.3308, 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 73.5415, 0.3308, 0.3440 by changing the saturation by 10% instead.

 73.5415, 0.3308,
0.3440

 73.5415, 0.3308,
0.3440


472.8894, 0.3224,
0.3371

 54.4189, 0.3327,
0.3456


124.2456, 0.3279,
0.3416

 38.9366, 0.3351,
0.3475


156.5959, 0.3268,
0.3407

 26.7104, 0.3381,
0.3499

194.1242, 0.3258,
0.3399

 17.3559, 0.3420,
0.3531

237.2149, 0.3249,
0.3392

 10.4885, 0.3474,
0.3574

286.2523, 0.3242,
0.3386

 5.7241, 0.3552,
0.3636

341.6210, 0.3235,

 2.6780, 0.3673,

0.3380

403.7052, 0.3230,
0.3375

0.3732

0.9660, 0.4020,
0.4027

0.0000, 0.0000,
0.0000

73.5415, 0.3308,
0.3440

73.5415, 0.3308,
0.3440

66.9942, 0.3493,
0.3582

80.6265, 0.3144,
0.3305

60.9608, 0.3701,
0.3728

88.2530, 0.3001,
0.3178

55.4298, 0.3931,
0.3872

94.9431, 0.2993,
0.3272

50.3855, 0.4178,
0.4006

96.0588, 0.2993,
0.3290

■ 45.8111, 0.4437,
0.4120

■ 41.6885, 0.4696,
0.4201

■ 37.9979, 0.4940,
0.4237

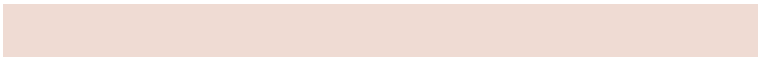
■ 34.7166, 0.5153,
0.4220

■ 32.1212, 0.5313,
0.4163

Harmonies

Analogous

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



73.5415, 0.3328, 0.3372



73.5415, 0.3308, 0.3440



73.5415, 0.3239, 0.3468

Triad

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



73.5415, 0.3308, 0.3440



73.5415, 0.2964, 0.3292



73.5415, 0.3110, 0.3139

Complementary

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



73.5415, 0.3308, 0.3440



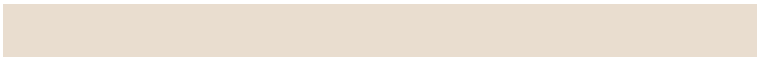
69.8142, 0.2954, 0.3135

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.



73.5415, 0.3014, 0.3117



73.5415, 0.3308, 0.3440



73.5415, 0.2931, 0.3203

Square

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



73.5415, 0.3308, 0.3440



73.5415, 0.3041, 0.3383



73.5415, 0.2949, 0.3139



73.5415, 0.3213, 0.3200

Rectangle

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



73.5415, 0.3308, 0.3440



73.5415, 0.3176, 0.3460



73.5415, 0.2949, 0.3139



73.5415, 0.3076, 0.3127

Sweetspot

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



73.5447, 0.3308, 0.3440



97.2867, 0.3174, 0.3330



67.0847, 0.3238, 0.3161



20.6703, 0.3186, 0.3340



0.0000, 0.0000, 0.0000



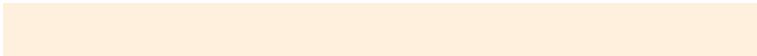
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5447, 0.3308, 0.3440



88.6768, 0.3342, 0.3467



79.9421, 0.3287, 0.3565



16.3986, 0.3279, 0.3417



18.4822, 0.5291, 0.4180



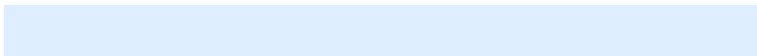
1.6435, 0.5098, 0.4334

Inverse Universe

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



69.8142, 0.2954, 0.3135



83.3741, 0.2923, 0.3106



63.9213, 0.2958, 0.3001



15.6937, 0.2980, 0.3160



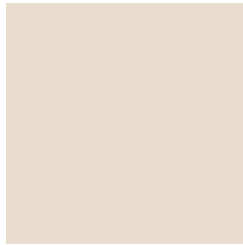
9.6007, 0.1737, 0.1453



0.9444, 0.1810, 0.1715

Previews

White Background



This preview shows how the Yxy color 73.5415, 0.3308, 0.3440 looks on a white background.

Color Contrast Check

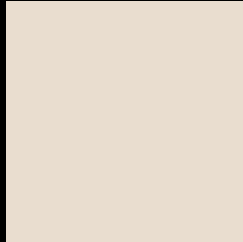
Large Text (above 18pt) WCAG AA × Fail

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 73.5415, 0.3308, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

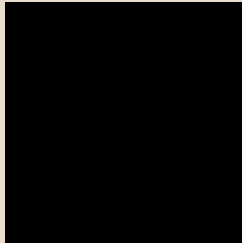
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

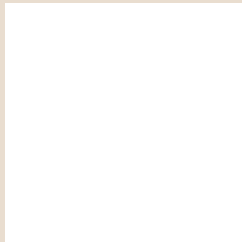
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5415, 0.3308, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 73.5415, 0.3308, 0.3440.

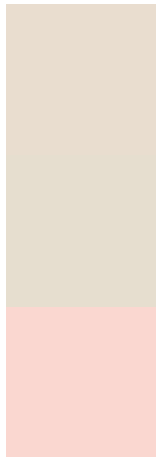


This preview shows how white text looks on a background with the Yxy color 73.5415, 0.3308, 0.3440.

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

73.5415, 0.3308, 0.3440

Protanopia

73.5705, 0.3285, 0.3452

Deuteranopia

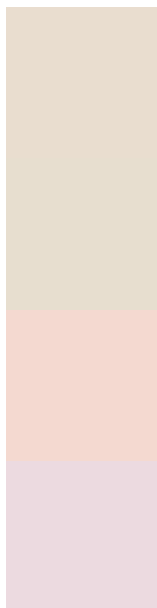
73.4789, 0.3438, 0.3363



Tritanopia

73.5707, 0.3157, 0.3114

Trichromacy



Original Color

73.5415, 0.3308, 0.3440

Protanomaly

73.7365, 0.3293, 0.3452

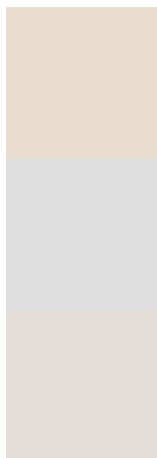
Deuteranomaly

73.4129, 0.3389, 0.3385

Tritanomaly

73.3575, 0.3217, 0.3227

Monochromacy



Original Color

73.5415, 0.3308, 0.3440

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.5832, 0.3196, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5415, 0.3308, 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(233, 221, 207)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 221, 207) }
```

Border

The CSS property to change the border of an element to Yxy 73.5415, 0.3308, 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(233, 221, 207) }
```

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

```
.border{ border-color:rgb(233, 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(233, 221, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 221, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 221, 207); box-shadow:4px 4px 4px 4px rgb(233, 221, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5415, 0.3308, 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(233, 221, 207) }
```

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

```
.background{ background-color: rgb(233,  
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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