

Converting Colors

Yxy(73.4391, 0.3243, 0.3409)

Have a look what the booklet for
Yxy(73.4391, 0.3243, 0.3409)
contains.

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Color

Yxy(73.4397, 0.3243, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	E4DED3
RGB	228, 222, 211
RGB Percent	89%, 87%, 83%
CMY	0.1061, 0.1293, 0.1725
CMYK	0.00, 0.03, 0.07, 0.11
HSL	39°, 24%, 86%
HSV	39°, 7%, 89%
XYZ	69.8636, 73.4397, 72.1256
YIQ	222.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

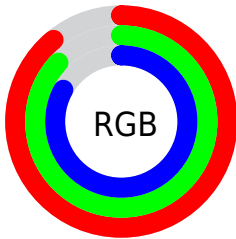
Format	Color
R _Y B	220, 228, 211
Decimal	14999251
CIE Lab	88.66, 0.13, 6.10
CIE LCh	89, 6.101, 88.759
Yxy	73.4397, 0.3243, 0.3409
Android (android.graphics.Color)	4293189331 (0xFFE4DED3)
YUV	222.5400, -5.6892, 4.7884
Hunter-Lab	85.6970, -4.4494, 10.0873

Details

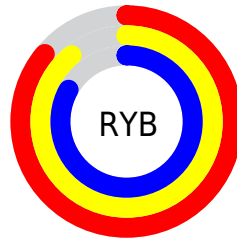
The Yxy color **73.4397, 0.3243, 0.3409** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0451, 0.3013, 0.3168**, and the grayscale version is **73.4840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9560, 0.3271, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **68.2381, 0.3414, 0.3576**, and if you desaturate by 10%, it is **79.0106, 0.3089, 0.3250**.

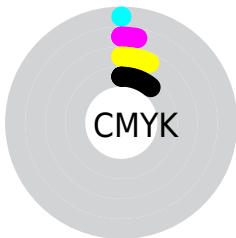
Distribution



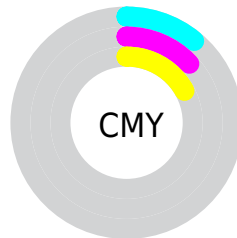
- Red (89%)
- Green (87%)
- Blue (83%)



- Red (86%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4397, 0.3243, 0.3409 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 73.4397, 0.3243, 0.3409 by changing the saturation by 10% instead.

■ 73.4397, 0.3243,
0.3409

■ 73.4397, 0.3243,
0.3409

472.5373, 0.3189,
0.3354

■ 54.3356, 0.3255,
0.3422

124.1012, 0.3224,
0.3390

■ 38.8700, 0.3270,
0.3437

156.4274, 0.3217,
0.3383

■ 26.6586, 0.3290,
0.3457

193.9297, 0.3211,
0.3376

■ 17.3170, 0.3315,
0.3482

236.9926, 0.3206,
0.3371

■ 10.4608, 0.3349,
0.3518

286.0004, 0.3201,
0.3366

■ 5.7055, 0.3399,
0.3568

341.3375, 0.3197,

■ 2.6669, 0.3476,

0.3361

0.3648

403.3884, 0.3193,
0.3358

0.9604, 0.3674,
0.3851

0.0000, 0.0000,
0.0000

73.4397, 0.3243,
0.3409

73.4397, 0.3243,
0.3409

68.2381, 0.3414,
0.3576

79.0106, 0.3089,
0.3250

63.3868, 0.3601,
0.3748

84.8469, 0.2961,
0.3117

58.8788, 0.3803,
0.3920

89.5985, 0.2962,
0.3199

54.7033, 0.4016,
0.4084

94.5589, 0.2963,
0.3279

■ 50.8491, 0.4234,
0.4231

■ 95.2264, 0.2964,
0.3290

■ 47.3034, 0.4448,
0.4348

■ 44.0525, 0.4646,
0.4425

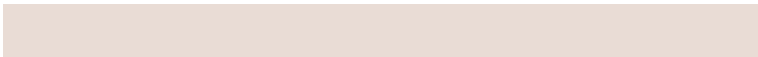
■ 41.0806, 0.4818,
0.4453

■ 38.3674, 0.4958,
0.4429

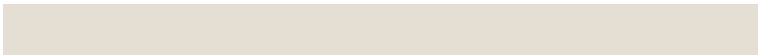
Harmonies

Analogous

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



73.4397, 0.3271, 0.3370



73.4397, 0.3243, 0.3409



73.4397, 0.3184, 0.3417

Triad

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



73.4397, 0.3243, 0.3409



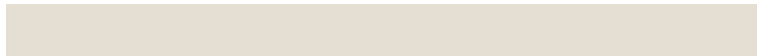
73.4397, 0.2997, 0.3268



73.4397, 0.3142, 0.3194

Complementary

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



73.4397, 0.3243, 0.3409



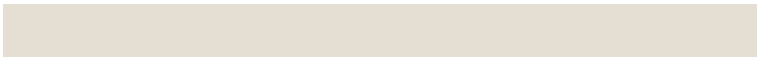
69.0451, 0.3013, 0.3168

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.



73.4397, 0.3069, 0.3167



73.4397, 0.3243, 0.3409



73.4397, 0.2986, 0.3209

Square

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



73.4397, 0.3243, 0.3409



73.4397, 0.3043, 0.3335



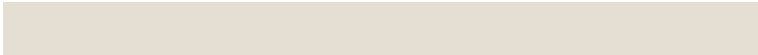
73.4397, 0.3012, 0.3172



73.4397, 0.3212, 0.3246

Rectangle

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



73.4397, 0.3243, 0.3409



73.4397, 0.3136, 0.3402



73.4397, 0.3012, 0.3172



73.4397, 0.3117, 0.3182

Sweetspot

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



73.4429, 0.3243, 0.3409



98.5416, 0.3158, 0.3322



68.1004, 0.3210, 0.3223



21.1073, 0.3156, 0.3320



0.0000, 0.0000, 0.0000



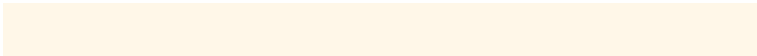
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4429, 0.3243, 0.3409



93.5879, 0.3270, 0.3436



76.2843, 0.3221, 0.3473



15.9231, 0.3276, 0.3442



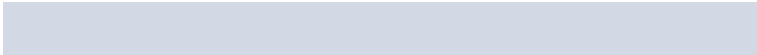
22.0127, 0.4976, 0.4431



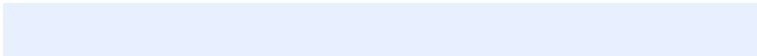
1.7993, 0.4832, 0.4545

Inverse Universe

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



69.0451, 0.3013, 0.3168



86.7556, 0.2987, 0.3140



66.3778, 0.3029, 0.3102



14.7086, 0.2981, 0.3133



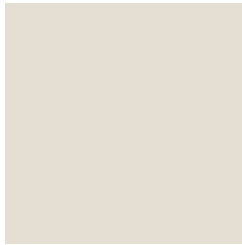
6.7355, 0.1647, 0.1128



0.6671, 0.1728, 0.1420

Previews

White Background



This preview shows how the Yxy color 73.4397, 0.3243, 0.3409 looks on a white background.

Color Contrast Check

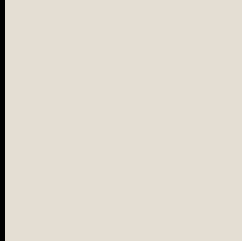
Large Text (above 18pt) WCAG AA × Fail

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 73.4397, 0.3243, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

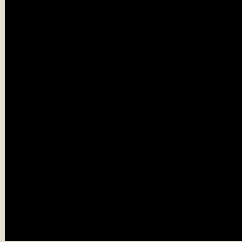
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

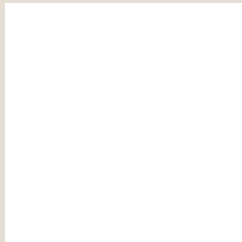
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4397, 0.3243, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 73.4397, 0.3243, 0.3409.

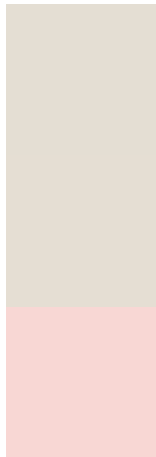


This preview shows how white text looks on a background with the Yxy color 73.4397, 0.3243, 0.3409.

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

73.4397, 0.3243, 0.3409

Protanopia

73.6037, 0.3251, 0.3409

Deuteranopia

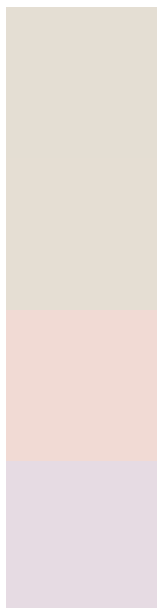
73.3108, 0.3394, 0.3322



Tritanopia

73.1879, 0.3101, 0.3101

Trichromacy



Original Color

73.4397, 0.3243, 0.3409

Protanomaly

73.6037, 0.3251, 0.3409

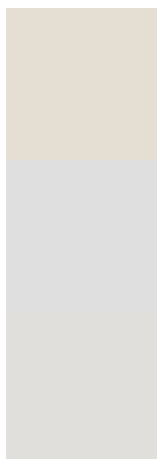
Deuteranomaly

73.5970, 0.3337, 0.3354

Tritanomaly

73.0321, 0.3153, 0.3205

Monochromacy



Original Color

73.4397, 0.3243, 0.3409

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8974, 0.3168, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4397, 0.3243, 0.3409 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(228, 222, 211)` looks like.

```
.text, #text, p{  
    color:rgb(228, 222, 211)  
}
```

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(228, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 222, 211) }
```

Border

The CSS property to change the border of an element to Yxy 73.4397, 0.3243, 0.3409 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(228, 222, 211) }
```

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

```
.border{ border-color:rgb(228, 222, 211) }
```

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

Here you see how a box with a 4 pixel rgb(228, 222, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(228, 222,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4397, 0.3243, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 222, 211) }
```

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

```
.background{ background-color: rgb(228,  
222, 211) }
```

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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