

Converting Colors

$Y_{xy}(74.1399, 0.3173, 0.3343)$

Have a look what the booklet for
Yxy(74.1399, 0.3173, 0.3343)
contains.

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Color

Yxy(73.8449, 0.3174, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	E1DFDA
RGB	225, 223, 218
RGB Percent	88%, 87%, 85%
CMY	0.1177, 0.1255, 0.1451
CMYK	0.00, 0.01, 0.03, 0.12
HSL	43°, 10%, 87%
HSV	43°, 3%, 88%
XYZ	70.0908, 73.8449, 76.8923
YIQ	223.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

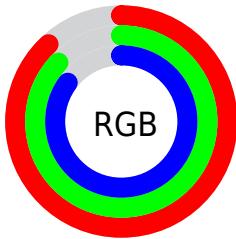
Format	Color
RYB	221, 225, 218
Decimal	14802906
CIELab	88.85, -0.21, 2.67
CIELCh	89, 2.679, 94.437
Yxy	73.8449, 0.3174, 0.3344
Android (android.graphics.Color)	4292992986 (0xFFE1DFDA)
YUV	223.0280, -2.4788, 1.7294
Hunter-Lab	85.9331, -4.7903, 7.1008

Details

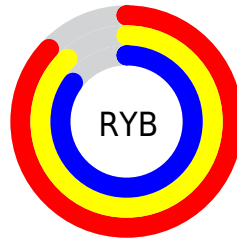
The Yxy color **73.8449, 0.3174, 0.3344** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5191, 0.3080, 0.3235**, and the grayscale version is **73.8300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1957, 0.3188, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **69.4086, 0.3335, 0.3524**, and if you desaturate by 10%, it is **78.5755, 0.3028, 0.3174**.

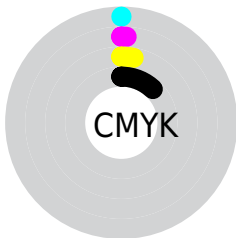
Distribution



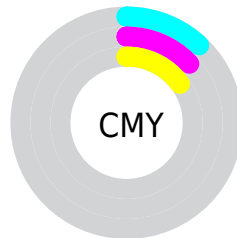
- Red (88%)
- Green (87%)
- Blue (85%)



- Red (87%)
- Yellow (88%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8449, 0.3174, 0.3344 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 73.8449, 0.3174, 0.3344 by changing the saturation by 10% instead.

■ 73.8449, 0.3174,
0.3344

■ 73.8449, 0.3174,
0.3344

473.9379, 0.3152,
0.3319

■ 54.6671, 0.3179,
0.3350

124.6759, 0.3167,
0.3335

■ 39.1353, 0.3185,
0.3357

157.0979, 0.3164,
0.3332

■ 26.8650, 0.3193,
0.3366

194.7035, 0.3161,
0.3329

■ 17.4718, 0.3203,
0.3377

237.8769, 0.3159,
0.3327

■ 10.5715, 0.3217,
0.3393

287.0027, 0.3157,
0.3324

■ 5.7795, 0.3237,
0.3416

342.4652, 0.3155,

■ 2.7115, 0.3268,

0.3322

404.6488, 0.3154,
0.3321

0.3452

0.9830, 0.3327,
0.3521

0.0000, 0.0000,
0.0000

73.8449, 0.3174,
0.3344

73.8449, 0.3174,
0.3344

69.4086, 0.3335,
0.3524

78.5755, 0.3028,
0.3174

65.2493, 0.3509,
0.3711

83.0721, 0.2942,
0.3093

61.3619, 0.3696,
0.3899

86.8007, 0.2944,
0.3159

57.7377, 0.3891,
0.4082

90.6615, 0.2945,
0.3224

■ 54.3672, 0.4088,
0.4251

■ 94.6556, 0.2946,
0.3288

■ 51.2401, 0.4281,
0.4395

■ 94.7453, 0.2946,
0.3289

■ 48.3452, 0.4459,
0.4502

■ 45.6694, 0.4614,
0.4565

■ 43.1975, 0.4738,
0.4578

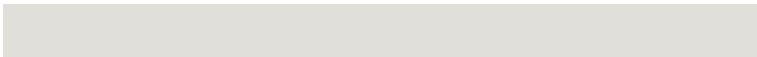
Harmonies

Analogous

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



73.8449, 0.3189, 0.3329



73.8449, 0.3174, 0.3344



73.8449, 0.3147, 0.3344

Triad

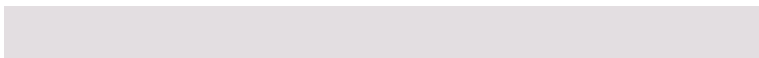
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8449, 0.3174, 0.3344



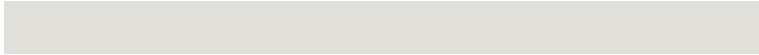
73.8449, 0.3068, 0.3275



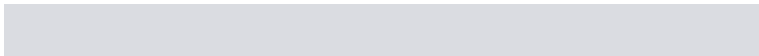
73.8449, 0.3140, 0.3251

Complementary

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



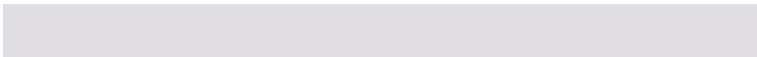
73.8449, 0.3174, 0.3344



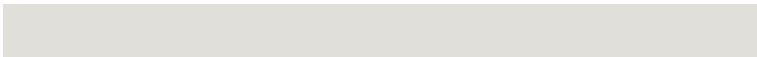
71.5191, 0.3080, 0.3235

Split Complementary

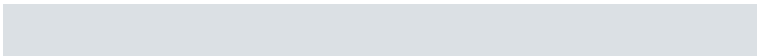
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8449, 0.3108, 0.3237



73.8449, 0.3174, 0.3344



73.8449, 0.3066, 0.3251

Square

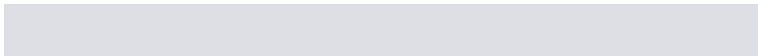
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8449, 0.3174, 0.3344



73.8449, 0.3085, 0.3304



73.8449, 0.3081, 0.3237



73.8449, 0.3169, 0.3276

Rectangle

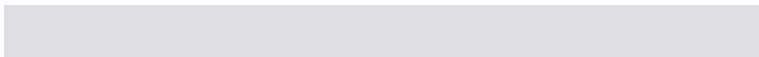
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8449, 0.3174, 0.3344



73.8449, 0.3125, 0.3336



73.8449, 0.3081, 0.3237



73.8449, 0.3129, 0.3245

Sweetspot

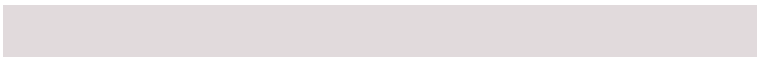
The Sweet Spot groups the original color and five complimentary colors.



73.8481, 0.3174, 0.3344



99.3771, 0.3142, 0.3307



71.3179, 0.3164, 0.3269



21.2774, 0.3141, 0.3307



0.0000, 0.0000, 0.0000



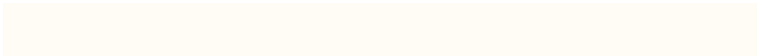
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8481, 0.3174, 0.3344



97.5316, 0.3188, 0.3360



74.6683, 0.3162, 0.3365



15.7951, 0.3199, 0.3373



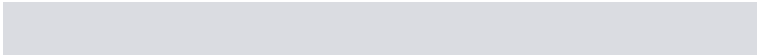
24.1802, 0.4798, 0.4573



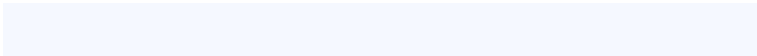
1.8258, 0.4683, 0.4664

Inverse Universe

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



71.5191, 0.3080, 0.3235



93.5396, 0.3066, 0.3219



70.7223, 0.3092, 0.3214



15.0375, 0.3055, 0.3206



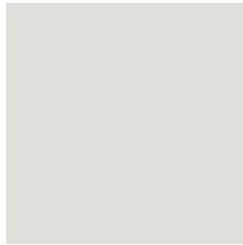
5.3981, 0.1601, 0.0964



0.5237, 0.1686, 0.1268

Previews

White Background



This preview shows how the Yxy color 73.8449, 0.3174, 0.3344 looks on a white background.

Color Contrast Check

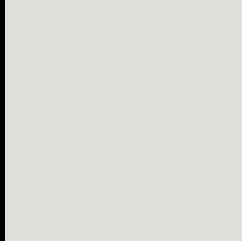
Large Text (above 18pt) WCAG AA × Fail

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 73.8449, 0.3174, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

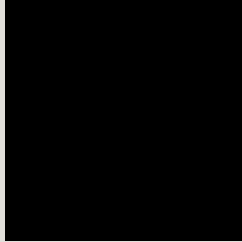
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

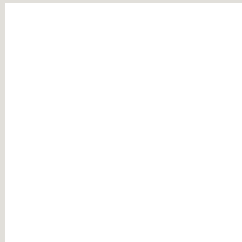
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8449, 0.3174, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 73.8449, 0.3174, 0.3344.

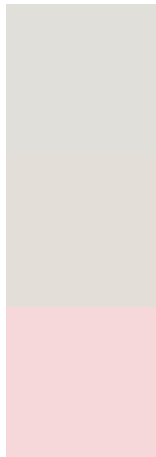


This preview shows how white text looks on a background with the Yxy color 73.8449, 0.3174, 0.3344.

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

73.8449, 0.3174, 0.3344

Protanopia

73.7463, 0.3203, 0.3344

Deuteranopia

73.8190, 0.3327, 0.3260



Tritanopia

73.7948, 0.3072, 0.3111

Trichromacy



Original Color

73.8449, 0.3174, 0.3344

Protanomaly

73.5832, 0.3196, 0.3344

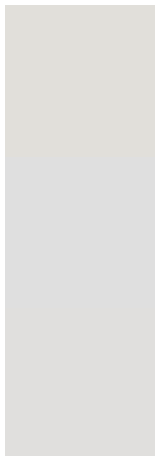
Deuteranomaly

73.9547, 0.3265, 0.3290

Tritanomaly

73.7570, 0.3110, 0.3194

Monochromacy



Original Color

73.8449, 0.3174, 0.3344

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8431, 0.3147, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8449, 0.3174, 0.3344 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(225, 223, 218)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 218)  
}
```

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(225, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 218) }
```

Border

The CSS property to change the border of an element to Yxy 73.8449, 0.3174, 0.3344 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(225, 223, 218) }
```

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

```
.border{ border-color:rgb(225, 223, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 218);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8449, 0.3174, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 218) }
```

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

```
.background{ background-color: rgb(225,  
223, 218) }
```

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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