

Converting Colors

$Yxy(73.9324, 0.3316, 0.3429)$

Have a look what the booklet for
Yxy(73.9324, 0.3316, 0.3429)
contains.

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Color

Yxy(73.9291, 0.3316, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	EBDDD0
RGB	235, 221, 208
RGB Percent	92%, 87%, 82%
CMY	0.0786, 0.1333, 0.1843
CMYK	0.00, 0.06, 0.11, 0.08
HSL	29°, 40%, 87%
HSV	29°, 11%, 92%
XYZ	71.4928, 73.9291, 70.1777
YIQ	223.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

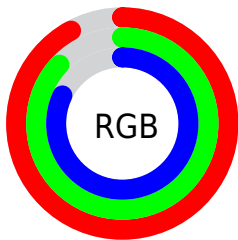
Format	Color
R _Y B	235, 233, 208
Decimal	15457744
CIE Lab	88.89, 2.61, 8.08
CIE LCh	89, 8.495, 72.085
Yxy	73.9291, 0.3316, 0.3429
Android (android.graphics.Color)	4293647824 (0xFFEBDDD0)
YUV	223.7040, -7.7421, 9.9066
Hunter-Lab	85.9820, -2.0484, 11.7955

Details

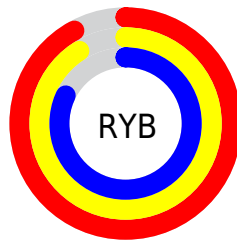
The Yxy color **73.9291, 0.3316, 0.3429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6201, 0.2949, 0.3147**, and the grayscale version is **74.3673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1892, 0.3357, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **66.6728, 0.3506, 0.3557**, and if you desaturate by 10%, it is **81.8277, 0.3150, 0.3307**.

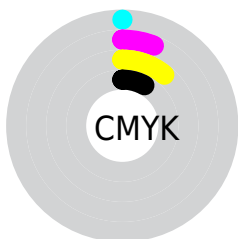
Distribution



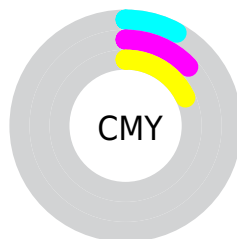
- Red (92%)
- Green (87%)
- Blue (82%)



- Red (92%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9291, 0.3316, 0.3429 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 73.9291, 0.3316, 0.3429 by changing the saturation by 10% instead.

73.9291, 0.3316,
0.3429

73.9291, 0.3316,
0.3429

474.2286, 0.3229,
0.3365

54.7360, 0.3336,
0.3443

124.7953, 0.3286,
0.3407

39.1904, 0.3361,
0.3461

157.2372, 0.3274,
0.3398

26.9079, 0.3392,
0.3484

194.8642, 0.3264,
0.3391

17.5041, 0.3433,
0.3513

238.0606, 0.3255,
0.3385

10.5945, 0.3489,
0.3552

287.2108, 0.3247,
0.3379

5.7949, 0.3570,
0.3608

342.6993, 0.3240,

2.7208, 0.3697,

0.3374

0.3694

404.9105, 0.3234,
0.3369

0.9877, 0.4031,
0.3946

0.0000, 0.0000,
0.0000

73.9291, 0.3316,
0.3429

73.9291, 0.3316,
0.3429

66.6728, 0.3506,
0.3557

81.8277, 0.3150,
0.3307

60.0319, 0.3723,
0.3689

90.3755, 0.3005,
0.3194

53.9914, 0.3965,
0.3819

96.3954, 0.3005,
0.3290

48.5321, 0.4230,
0.3939

■ 43.6336, 0.4512,
0.4040

■ 39.2740, 0.4797,
0.4107

■ 35.4290, 0.5069,
0.4129

■ 32.0716, 0.5308,
0.4096

■ 29.5639, 0.5481,
0.4030

Harmonies

Analogous

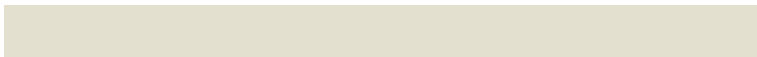
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9291, 0.3325, 0.3356



73.9291, 0.3316, 0.3429



73.9291, 0.3256, 0.3466

Triad

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



73.9291, 0.3316, 0.3429



73.9291, 0.2977, 0.3311



73.9291, 0.3090, 0.3131

Complementary

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



73.9291, 0.3316, 0.3429



71.6201, 0.2949, 0.3147

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.



73.9291, 0.2998, 0.3118



73.9291, 0.3316, 0.3429



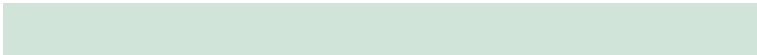
73.9291, 0.2934, 0.3219

Square

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



73.9291, 0.3316, 0.3429



73.9291, 0.3060, 0.3398



73.9291, 0.2941, 0.3149



73.9291, 0.3193, 0.3186

Rectangle

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



73.9291, 0.3316, 0.3429



73.9291, 0.3196, 0.3465



73.9291, 0.2941, 0.3149



73.9291, 0.3057, 0.3122

Sweetspot

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



73.9324, 0.3316, 0.3429



97.0185, 0.3174, 0.3326



68.0635, 0.3229, 0.3138



20.5980, 0.3187, 0.3335



0.0000, 0.0000, 0.0000



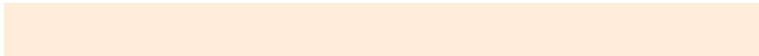
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9324, 0.3316, 0.3429



86.6903, 0.3363, 0.3462



81.0905, 0.3299, 0.3564



16.2543, 0.3281, 0.3404



16.7129, 0.5455, 0.4050



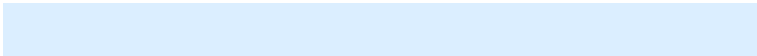
1.5042, 0.5235, 0.4226

Inverse Universe

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



71.6201, 0.2949, 0.3147



83.3384, 0.2908, 0.3112



64.9594, 0.2946, 0.3001



15.8377, 0.2981, 0.3173



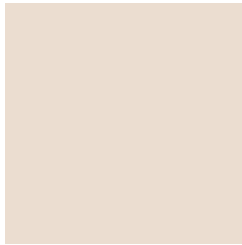
11.2796, 0.1788, 0.1638



1.0783, 0.1856, 0.1882

Previews

White Background



This preview shows how the Yxy color 73.9291, 0.3316, 0.3429 looks on a white background.

Color Contrast Check

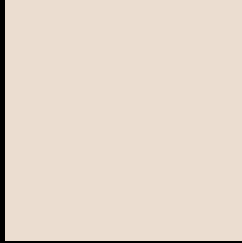
Large Text (above 18pt) WCAG AA × Fail

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 73.9291, 0.3316, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

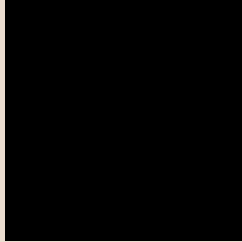
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

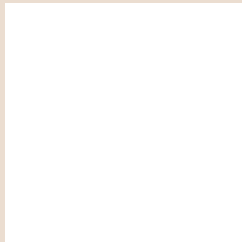
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9291, 0.3316, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 73.9291, 0.3316, 0.3429.

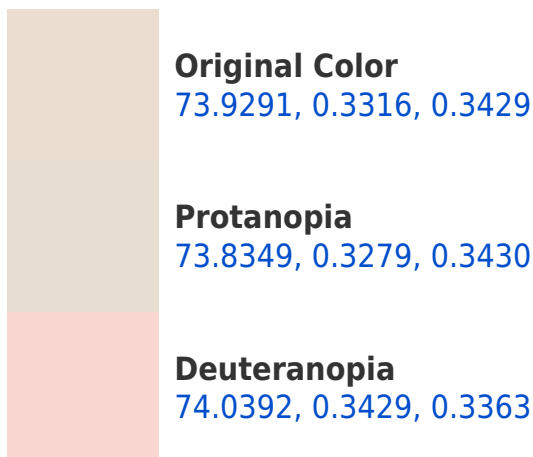


This preview shows how white text looks on a background with the Yxy color 73.9291, 0.3316, 0.3429.

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





Tritanopia

73.9169, 0.3171, 0.3115

Trichromacy



Original Color

73.9291, 0.3316, 0.3429

Protanomaly

74.0018, 0.3286, 0.3430

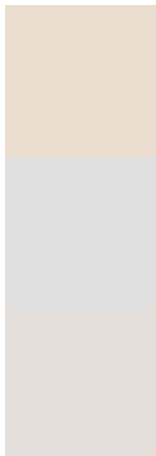
Deuteranomaly

74.1587, 0.3388, 0.3384

Tritanomaly

73.7562, 0.3224, 0.3217

Monochromacy



Original Color

73.9291, 0.3316, 0.3429

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 73.9291, 0.3316, 0.3429 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 208) }
```

Border

The CSS property to change the border of an element to Yxy 73.9291, 0.3316, 0.3429 is called "border". The border property can be set on classes, ids or directly on the HTML element.

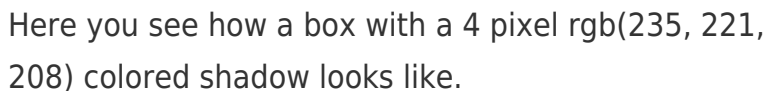
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 221, 208) }
```

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

```
.border{ border-color:rgb(235, 221, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 208);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9291, 0.3316, 0.3429 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, 208) }
```

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

```
.background{ background-color: rgb(235,  
221, 208) }
```

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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