

Converting Colors

$Yxy(73.4425, 0.3220, 0.3405)$

Have a look what the booklet for
Yxy(73.4425, 0.3220, 0.3405)
contains.

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Color

Yxy(73.6976, 0.3221, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	E2DFD4
RGB	226, 223, 212
RGB Percent	89%, 87%, 83%
CMY	0.1138, 0.1255, 0.1685
CMYK	0.00, 0.01, 0.06, 0.11
HSL	47°, 19%, 86%
HSV	47°, 6%, 89%
XYZ	69.6333, 73.6976, 72.8545
YIQ	222.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

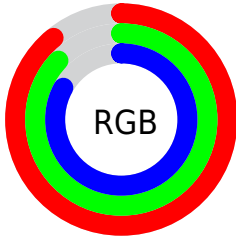
Format	Color
R _Y B	216, 226, 212
Decimal	14868436
CIE Lab	88.78, -0.89, 5.72
CIE LCh	89, 5.794, 98.852
Yxy	73.6976, 0.3221, 0.3409
Android (android.graphics.Color)	4293058516 (0xFFE2DFD4)
YUV	222.6430, -5.2470, 2.9441
Hunter-Lab	85.8473, -5.4461, 9.7765

Details

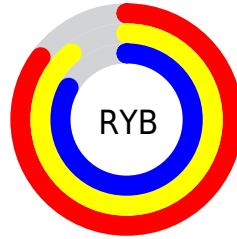
The Yxy color **73.6976, 0.3221, 0.3409** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0887, 0.3033, 0.3168**, and the grayscale version is **73.5617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0975, 0.3250, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **70.1021, 0.3383, 0.3609**, and if you desaturate by 10%, it is **77.5324, 0.3072, 0.3218**.

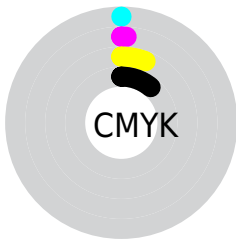
Distribution



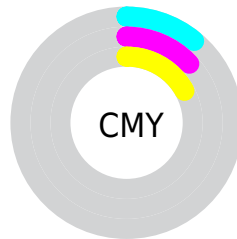
- Red (89%)
- Green (87%)
- Blue (83%)



- Red (85%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6976, 0.3221, 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 73.6976, 0.3221, 0.3409 by changing the saturation by 10% instead.

■ 73.6976, 0.3221,
0.3409

■ 73.6976, 0.3221,
0.3409

473.4290, 0.3178,
0.3354

■ 54.5466, 0.3231,
0.3422

124.4670, 0.3206,
0.3390

■ 39.0388, 0.3243,
0.3437

156.8542, 0.3200,
0.3382

■ 26.7899, 0.3259,
0.3457

194.4223, 0.3195,
0.3376

■ 17.4155, 0.3279,
0.3483

237.5556, 0.3191,
0.3371

■ 10.5312, 0.3306,
0.3518

286.6385, 0.3187,
0.3366

■ 5.7525, 0.3346,
0.3570

342.0555, 0.3183,

■ 2.6952, 0.3408,

0.3361

404.1908, 0.3180,
0.3357

0.3650

0.9748, 0.3562,
0.3843

0.0000, 0.0000,
0.0000

73.6976, 0.3221,
0.3409

73.6976, 0.3221,
0.3409

70.1021, 0.3383,
0.3609

77.5324, 0.3072,
0.3218

66.7290, 0.3554,
0.3813

81.4599, 0.2948,
0.3061

63.5738, 0.3733,
0.4016

84.2179, 0.2949,
0.3111

60.6284, 0.3915,
0.4209

87.0509, 0.2950,
0.3161

■ 57.8838, 0.4091,
0.4384

■ 89.9593, 0.2951,
0.3210

■ 55.3303, 0.4256,
0.4529

■ 92.9439, 0.2951,
0.3258

■ 52.9568, 0.4400,
0.4634

■ 94.9062, 0.2952,
0.3289

■ 50.7505, 0.4518,
0.4693

■ 48.6958, 0.4605,
0.4705

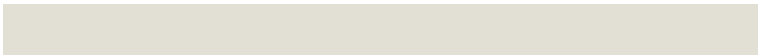
Harmonies

Analogous

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



73.6976, 0.3258, 0.3381



73.6976, 0.3221, 0.3409



73.6976, 0.3159, 0.3405

Triad

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



73.6976, 0.3221, 0.3409



73.6976, 0.2996, 0.3249



73.6976, 0.3165, 0.3213

Complementary

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



73.6976, 0.3221, 0.3409



68.0887, 0.3033, 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.



73.6976, 0.3095, 0.3179



73.6976, 0.3221, 0.3409



73.6976, 0.2998, 0.3198

Square

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



73.6976, 0.3221, 0.3409



73.6976, 0.3029, 0.3311



73.6976, 0.3034, 0.3173



73.6976, 0.3226, 0.3268

Rectangle

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



73.6976, 0.3221, 0.3409



73.6976, 0.3112, 0.3384



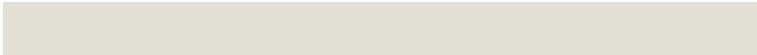
73.6976, 0.3034, 0.3173



73.6976, 0.3142, 0.3199

Sweetspot

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



73.7008, 0.3221, 0.3409



98.9845, 0.3157, 0.3328



68.1718, 0.3210, 0.3257



21.1975, 0.3156, 0.3326



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.



73.7008, 0.3221, 0.3409



96.5005, 0.3235, 0.3426



74.6726, 0.3190, 0.3442



15.6557, 0.3242, 0.3436



27.5335, 0.4626, 0.4709



2.0337, 0.4546, 0.4772

Inverse Universe

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



68.0887, 0.3033, 0.3168



88.1333, 0.3019, 0.3150



67.1824, 0.3062, 0.3136



14.2021, 0.3011, 0.3140



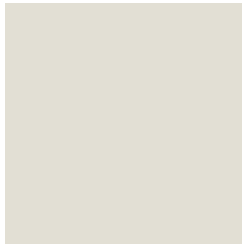
4.4864, 0.1562, 0.0824



0.4412, 0.1640, 0.1105

Previews

White Background



This preview shows how the Yxy color 73.6976, 0.3221, 0.3409 looks on a white background.

Color Contrast Check

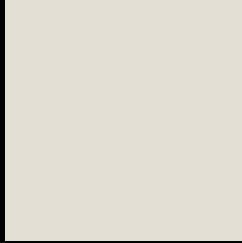
Large Text (above 18pt) WCAG AA × Fail

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 73.6976, 0.3221, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

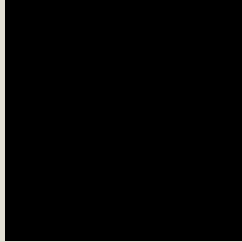
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

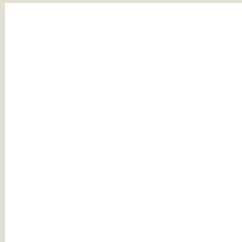
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6976, 0.3221, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 73.6976, 0.3221, 0.3409.

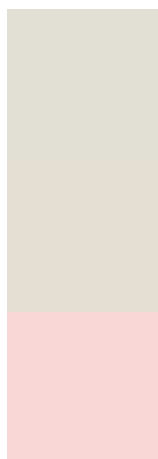


This preview shows how white text looks on a background with the Yxy color 73.6976, 0.3221, 0.3409.

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

73.6976, 0.3221, 0.3409

Protanopia

73.6037, 0.3251, 0.3409

Deuteranopia

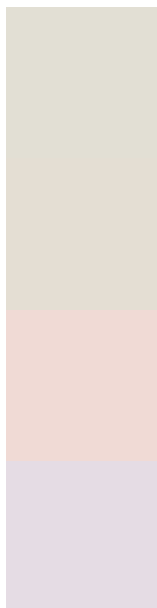
73.4124, 0.3379, 0.3301



Tritanopia

73.6005, 0.3087, 0.3101

Trichromacy



Original Color

73.6976, 0.3221, 0.3409

Protanomaly

73.4397, 0.3243, 0.3409

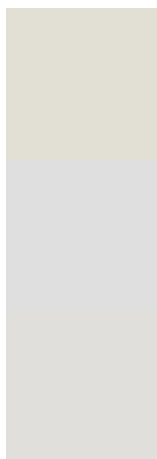
Deuteranomaly

73.4722, 0.3322, 0.3343

Tritanomaly

73.4458, 0.3138, 0.3205

Monochromacy



Original Color

73.6976, 0.3221, 0.3409

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7371, 0.3160, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6976, 0.3221, 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(226, 223, 212) looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 212)  
}
```

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(226, 223, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 212) }
```

Border

The CSS property to change the border of an element to Yxy 73.6976, 0.3221, 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(226, 223, 212) }
```

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

```
.border{ border-color:rgb(226, 223, 212) }
```

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

Here you see how a box with a 4 pixel rgb(226, 223, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 223, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 223, 212);  
box-shadow:4px 4px 4px 4px rgb(226, 223,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6976, 0.3221, 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(226, 223, 212) }
```

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

```
.background{ background-color: rgb(226,  
223, 212) }
```

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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