

Converting Colors

$Yxy(72.0437, 0.3209, 0.3376)$

Have a look what the booklet for
Yxy(72.0437, 0.3209, 0.3376)
contains.

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Color

Yxy(71.7872, 0.3209, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	E0DCD4
RGB	224, 220, 212
RGB Percent	88%, 86%, 83%
CMY	0.1217, 0.1372, 0.1685
CMYK	0.00, 0.02, 0.05, 0.12
HSL	40°, 16%, 85%
HSV	40°, 5%, 88%
XYZ	68.2159, 71.7872, 72.5737
YIQ	220.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

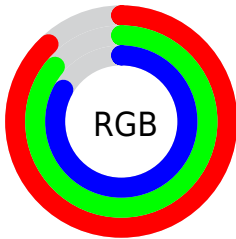
Format	Color
R _Y B	218, 224, 212
Decimal	14736596
CIE Lab	87.87, -0.03, 4.38
CIE LCh	88, 4.375, 90.449
Yxy	71.7872, 0.3209, 0.3377
Android (android.graphics.Color)	4292926676 (0xFFE0DCD4)
YUV	220.2840, -4.0840, 3.2589
Hunter-Lab	84.7273, -4.5584, 8.5239

Details

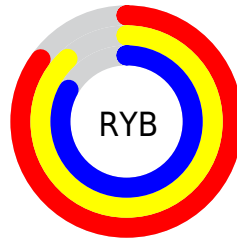
The Yxy color **71.7872, 0.3209, 0.3377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5001, 0.3046, 0.3201**, and the grayscale version is **71.8067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7796, 0.3235, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **66.9143, 0.3375, 0.3547**, and if you desaturate by 10%, it is **76.9973, 0.3059, 0.3216**.

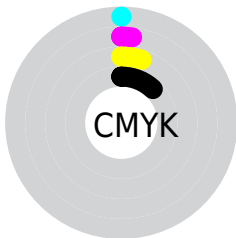
Distribution



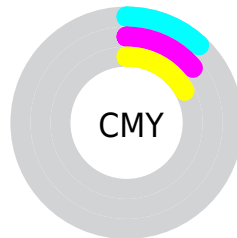
- Red (88%)
- Green (86%)
- Blue (83%)



- Red (85%)
- Yellow (88%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7872, 0.3209, 0.3377 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 71.7872, 0.3209, 0.3377 by changing the saturation by 10% instead.

■ 71.7872, 0.3209,
0.3377

■ 71.7872, 0.3209,
0.3377

466.8006, 0.3171,
0.3337

■ 52.9849, 0.3218,
0.3386

121.7539, 0.3196,
0.3363

■ 37.7907, 0.3229,
0.3398

153.6871, 0.3191,
0.3358

■ 25.8203, 0.3242,
0.3412

190.7661, 0.3186,
0.3353

■ 16.6892, 0.3260,
0.3431

233.3751, 0.3182,
0.3349

■ 10.0132, 0.3285,
0.3458

281.8987, 0.3179,
0.3345

■ 5.4077, 0.3321,
0.3496

336.7212, 0.3176,

■ 2.4884, 0.3378,

0.3342

0.3557

398.2270, 0.3173,
0.3339

■ 0.8708, 0.3534,
0.3722

■ 0.0000, 0.0000,
0.0000

■ 71.7872, 0.3209,
0.3377

■ 71.7872, 0.3209,
0.3377

■ 66.9143, 0.3375,
0.3547

■ 76.9973, 0.3059,
0.3216

■ 62.3605, 0.3557,
0.3722

■ 82.4247, 0.2936,
0.3084

■ 58.1200, 0.3753,
0.3899

■ 86.7764, 0.2937,
0.3161

■ 54.1829, 0.3960,
0.4069

■ 91.3086, 0.2939,
0.3237

■ 50.5388, 0.4172,
0.4224

■ 94.5838, 0.2940,
0.3289

■ 47.1764, 0.4381,
0.4352

■ 44.0832, 0.4575,
0.4441

■ 41.2450, 0.4746,
0.4484

■ 38.6448, 0.4884,
0.4475

Harmonies

Analogous

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



71.7872, 0.3230, 0.3350



71.7872, 0.3209, 0.3377



71.7872, 0.3166, 0.3381

Triad

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



71.7872, 0.3209, 0.3377



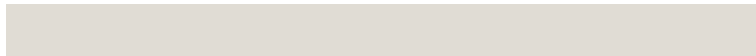
71.7872, 0.3032, 0.3272



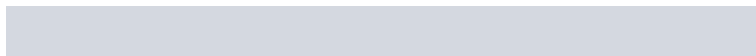
71.7872, 0.3141, 0.3222

Complementary

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



71.7872, 0.3209, 0.3377



68.5001, 0.3046, 0.3201

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.



71.7872, 0.3088, 0.3201



71.7872, 0.3209, 0.3377



71.7872, 0.3025, 0.3229

Square

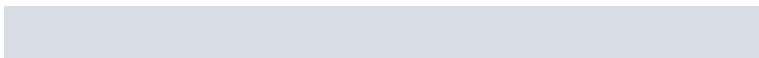
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7872, 0.3209, 0.3377



71.7872, 0.3064, 0.3320



71.7872, 0.3046, 0.3204



71.7872, 0.3191, 0.3261

Rectangle

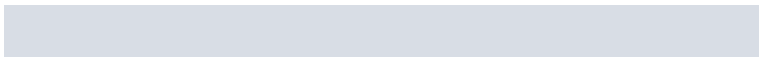
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7872, 0.3209, 0.3377



71.7872, 0.3131, 0.3369



71.7872, 0.3046, 0.3204



71.7872, 0.3123, 0.3213

Sweetspot

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



71.7903, 0.3209, 0.3377



98.5987, 0.3158, 0.3323



67.9096, 0.3188, 0.3247



21.1190, 0.3156, 0.3321



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.



71.7903, 0.3209, 0.3377



95.8506, 0.3220, 0.3389



73.5828, 0.3191, 0.3420



15.5277, 0.3229, 0.3398



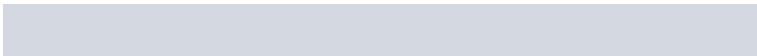
22.0518, 0.4927, 0.4470



1.6909, 0.4786, 0.4582

Inverse Universe

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



68.5001, 0.3046, 0.3201



90.8688, 0.3035, 0.3189



66.7882, 0.3061, 0.3158



14.6446, 0.3026, 0.3179



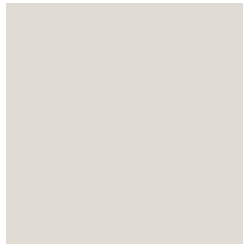
6.2094, 0.1634, 0.1083



0.5910, 0.1720, 0.1393

Previews

White Background



This preview shows how the Yxy color 71.7872, 0.3209, 0.3377 looks on a white background.

Color Contrast Check

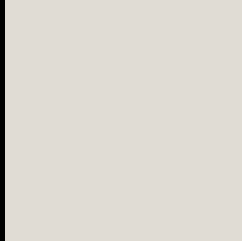
Large Text (above 18pt) WCAG AA × Fail

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 71.7872, 0.3209, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

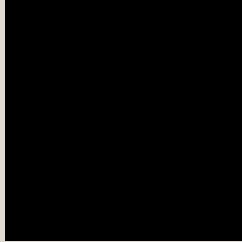
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

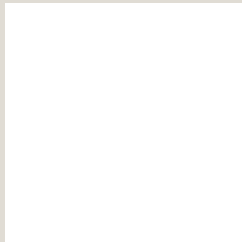
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7872, 0.3209, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 71.7872, 0.3209, 0.3377.

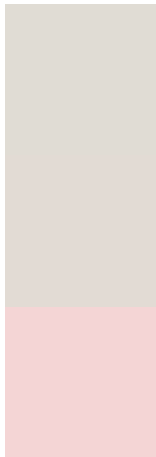


This preview shows how white text looks on a background with the Yxy color 71.7872, 0.3209, 0.3377.

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

71.7872, 0.3209, 0.3377

Protanopia

71.5853, 0.3225, 0.3366

Deuteranopia

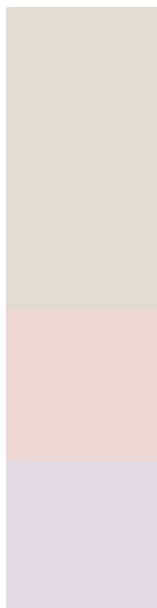
71.6257, 0.3359, 0.3291



Tritanopia

71.8971, 0.3086, 0.3110

Trichromacy



Original Color

71.7872, 0.3209, 0.3377

Protanomaly

71.4241, 0.3218, 0.3366

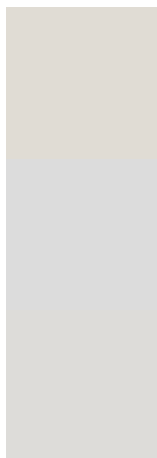
Deuteranomaly

71.9204, 0.3302, 0.3322

Tritanomaly

71.8025, 0.3131, 0.3204

Monochromacy



Original Color

71.7872, 0.3209, 0.3377

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5683, 0.3154, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7872, 0.3209, 0.3377 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(224, 220, 212)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 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(224, 220, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 212) }
```

Border

The CSS property to change the border of an element to Yxy 71.7872, 0.3209, 0.3377 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(224, 220, 212) }
```

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

```
.border{ border-color:rgb(224, 220, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7872, 0.3209, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 212) }
```

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

```
.background{ background-color: rgb(224,  
220, 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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