

Converting Colors

$Yxy(68.5269, 0.3272, 0.3402)$

Have a look what the booklet for
Yxy(68.5269, 0.3272, 0.3402)
contains.

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Color

Yxy(68.3001, 0.3271, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	E0D6CC
RGB	224, 214, 204
RGB Percent	88%, 84%, 80%
CMY	0.1215, 0.1608, 0.2001
CMYK	0.00, 0.04, 0.09, 0.12
HSL	30°, 24%, 84%
HSV	30°, 9%, 88%
XYZ	65.6894, 68.3001, 66.8341
YIQ	215.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

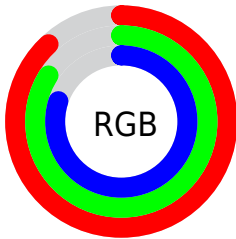
Format	Color
RYB	224, 224, 204
Decimal	14735052
CIELab	86.16, 1.74, 6.16
CIElCh	86, 6.401, 74.235
Yxy	68.3001, 0.3271, 0.3401
Android (android.graphics.Color)	4292925132 (0xFFE0D6CC)
YUV	215.8500, -5.8420, 7.1476
Hunter-Lab	82.6439, -2.7463, 9.9029

Details

The Yxy color **68.3001, 0.3271, 0.3401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3127, 0.2989, 0.3176**, and the grayscale version is **68.6006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4333, 0.3308, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **61.8272, 0.3453, 0.3532**, and if you desaturate by 10%, it is **75.3237, 0.3111, 0.3277**.

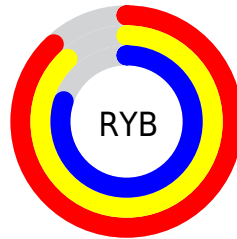
Distribution



Red (88%)

Green (84%)

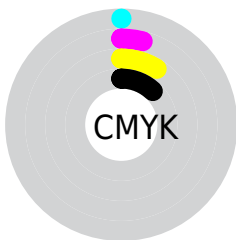
Blue (80%)



Red (88%)

Yellow (88%)

Blue (80%)

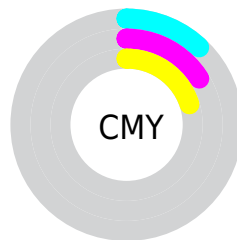


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3001, 0.3271, 0.3401 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 68.3001, 0.3271, 0.3401 by changing the saturation by 10% instead.

■ 68.3001, 0.3271,
0.3401

■ 68.3001, 0.3271,
0.3401

454.5586, 0.3204,
0.3349

■ 50.1419, 0.3287,
0.3413

116.7814, 0.3247,
0.3383

■ 35.5262, 0.3306,
0.3428

147.8732, 0.3238,
0.3376

■ 24.0685, 0.3331,
0.3447

184.0451, 0.3230,
0.3370

■ 15.3844, 0.3364,
0.3471

225.6814, 0.3224,
0.3365

■ 9.0896, 0.3410,
0.3505

273.1665, 0.3218,
0.3360

■ 4.7997, 0.3477,
0.3555

326.8848, 0.3212,

■ 2.1302, 0.3586,

0.3356

0.3634

387.2207, 0.3208,
0.3353

0.6815, 0.4101,
0.4049

0.0000, 0.0000,
0.0000

68.3001, 0.3271,
0.3401

68.3001, 0.3271,
0.3401

61.8272, 0.3453,
0.3532

75.3237, 0.3111,
0.3277

55.8816, 0.3660,
0.3667

82.9026, 0.2972,
0.3162

50.4512, 0.3892,
0.3802

89.9663, 0.2939,
0.3215

45.5202, 0.4146,
0.3930

94.5912, 0.2941,
0.3289

■ 41.0716, 0.4417,
0.4040

■ 37.0873, 0.4694,
0.4122

■ 33.5473, 0.4962,
0.4161

■ 30.4297, 0.5203,
0.4147

■ 27.7049, 0.5405,
0.4082

Harmonies

Analogous

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



68.3001, 0.3281, 0.3346



68.3001, 0.3271, 0.3401



68.3001, 0.3222, 0.3427

Triad

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



68.3001, 0.3271, 0.3401



68.3001, 0.3007, 0.3301



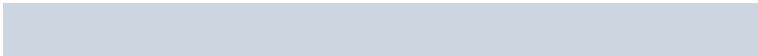
68.3001, 0.3104, 0.3169

Complementary

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



68.3001, 0.3271, 0.3401



66.3127, 0.2989, 0.3176

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.



68.3001, 0.3032, 0.3156



68.3001, 0.3271, 0.3401



68.3001, 0.2976, 0.3231

Square

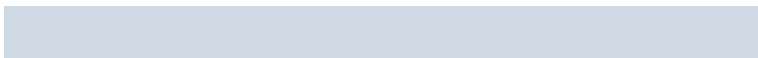
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.3001, 0.3271, 0.3401



68.3001, 0.3070, 0.3369



68.3001, 0.2985, 0.3178



68.3001, 0.3184, 0.3213

Rectangle

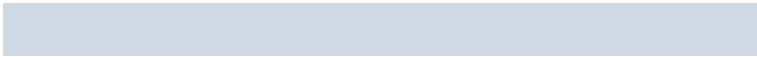
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.3001, 0.3271, 0.3401



68.3001, 0.3175, 0.3424



68.3001, 0.2985, 0.3178



68.3001, 0.3078, 0.3161

Sweetspot

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



68.3031, 0.3271, 0.3401



97.1004, 0.3174, 0.3327



63.8995, 0.3207, 0.3176



20.6201, 0.3187, 0.3337



0.0000, 0.0000, 0.0000



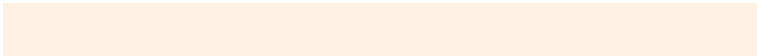
21.4041, 0.3127, 0.3290

Same Dimension

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



68.3031, 0.3271, 0.3401



89.6976, 0.3308, 0.3428



73.3548, 0.3260, 0.3506



14.8270, 0.3280, 0.3407



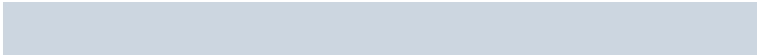
16.1970, 0.5402, 0.4093



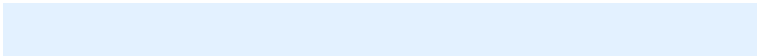
1.3018, 0.5166, 0.4280

Inverse Universe

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



66.3127, 0.2989, 0.3176



86.4400, 0.2955, 0.3148



61.5527, 0.2989, 0.3065



14.3702, 0.2981, 0.3170



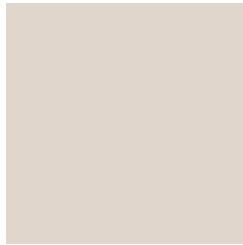
10.1105, 0.1773, 0.1584



0.8799, 0.1851, 0.1863

Previews

White Background



This preview shows how the Yxy color 68.3001, 0.3271, 0.3401 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 68.3001, 0.3271, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

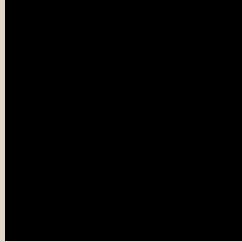
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

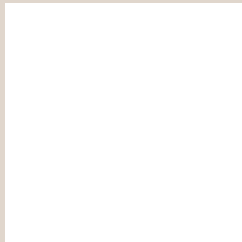
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3001, 0.3271, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 68.3001, 0.3271, 0.3401.

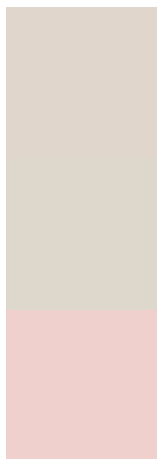


This preview shows how white text looks on a background with the Yxy color 68.3001, 0.3271, 0.3401.

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

68.3001, 0.3271, 0.3401

Protanopia

68.4901, 0.3255, 0.3412

Deuteranopia

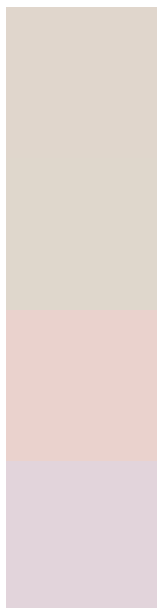
68.0448, 0.3394, 0.3323



Tritanopia

68.4655, 0.3135, 0.3118

Trichromacy



Original Color

68.3001, 0.3271, 0.3401

Protanomaly

68.6485, 0.3262, 0.3412

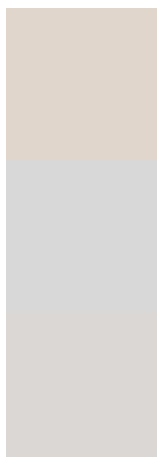
Deuteranomaly

67.9934, 0.3345, 0.3345

Tritanomaly

68.3702, 0.3182, 0.3214

Monochromacy



Original Color

68.3001, 0.3271, 0.3401

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.4144, 0.3177, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3001, 0.3271, 0.3401 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, 214, 204)` looks like.

```
.text, #text, p{  
    color:rgb(224, 214, 204)  
}
```

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, 214, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 204) }
```

Border

The CSS property to change the border of an element to Yxy 68.3001, 0.3271, 0.3401 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, 214, 204) }
```

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

```
.border{ border-color:rgb(224, 214, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 214, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 204);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3001, 0.3271, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 204) }
```

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

```
.background{ background-color: rgb(224,  
214, 204) }
```

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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