

Converting Colors

$Yxy(68.9230, 0.3242, 0.3395)$

Have a look what the booklet for
Yxy(68.9230, 0.3242, 0.3395)
contains.

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Color

Yxy(69.0976, 0.3240, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	DED8CE
RGB	222, 216, 206
RGB Percent	87%, 85%, 81%
CMY	0.1293, 0.1530, 0.1922
CMYK	0.00, 0.03, 0.07, 0.13
HSL	37°, 20%, 84%
HSV	37°, 7%, 87%
XYZ	65.8266, 69.0976, 68.2443
YIQ	216.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

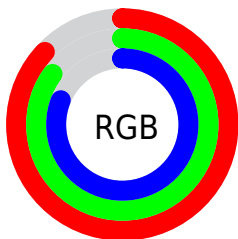
Format	Color
R _Y B	216, 222, 206
Decimal	14604494
CIE Lab	86.55, 0.34, 5.66
CIE LCh	87, 5.666, 86.566
Yxy	69.0976, 0.3240, 0.3401
Android (android.graphics.Color)	4292794574 (0xFFDED8CE)
YUV	216.6540, -5.2524, 4.6884
Hunter-Lab	83.1250, -4.1147, 9.5113

Details

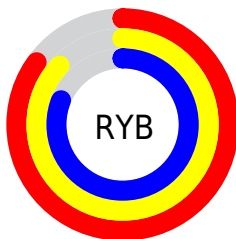
The Yxy color **69.0976, 0.3240, 0.3401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4903, 0.3016, 0.3176**, and the grayscale version is **69.1760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9722, 0.3266, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **63.9254, 0.3411, 0.3561**, and if you desaturate by 10%, it is **74.6458, 0.3086, 0.3249**.

Distribution



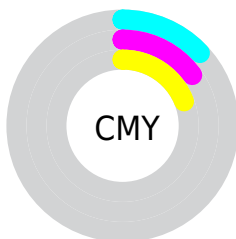
- Red (87%)
- Green (85%)
- Blue (81%)



- Red (85%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0976, 0.3240, 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 69.0976, 0.3240, 0.3401 by changing the saturation by 10% instead.

■ 69.0976, 0.3240,
0.3401

■ 69.0976, 0.3240,
0.3401

457.3751, 0.3187,
0.3349

■ 50.7912, 0.3252,
0.3413

117.9210, 0.3222,
0.3383

■ 36.0425, 0.3267,
0.3428

149.2067, 0.3214,
0.3376

■ 24.4670, 0.3287,
0.3447

185.5877, 0.3208,
0.3370

■ 15.6804, 0.3312,
0.3472

227.4484, 0.3203,
0.3365

■ 9.2983, 0.3347,
0.3506

275.1730, 0.3198,
0.3360

■ 4.9362, 0.3399,
0.3557

329.1461, 0.3194,

■ 2.2099, 0.3483,

0.3356

389.7520, 0.3191,
0.3352

0.3638

0.7254, 0.3839,
0.3991

0.0000, 0.0000,
0.0000

69.0976, 0.3240,
0.3401

69.0976, 0.3240,
0.3401

63.9254, 0.3411,
0.3561

74.6458, 0.3086,
0.3249

59.1107, 0.3601,
0.3727

80.5700, 0.2950,
0.3107

54.6463, 0.3807,
0.3893

85.6969, 0.2925,
0.3147

50.5216, 0.4026,
0.4051

90.7567, 0.2928,
0.3233

■ 46.7250, 0.4252,
0.4193

■ 94.2756, 0.2929,
0.3289

■ 43.2443, 0.4475,
0.4306

■ 40.0657, 0.4686,
0.4379

■ 37.1737, 0.4871,
0.4403

■ 34.5488, 0.5023,
0.4375

Harmonies

Analogous

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



69.0976, 0.3264, 0.3362



69.0976, 0.3240, 0.3401



69.0976, 0.3186, 0.3411

Triad

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



69.0976, 0.3240, 0.3401



69.0976, 0.3006, 0.3274



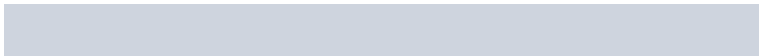
69.0976, 0.3136, 0.3196

Complementary

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



69.0976, 0.3240, 0.3401



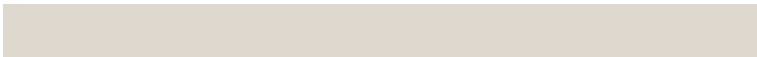
65.4903, 0.3016, 0.3176

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.



69.0976, 0.3068, 0.3173



69.0976, 0.3240, 0.3401



69.0976, 0.2993, 0.3216

Square

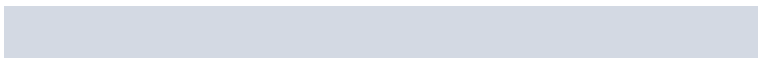
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0976, 0.3240, 0.3401



69.0976, 0.3051, 0.3337



69.0976, 0.3015, 0.3180



69.0976, 0.3203, 0.3244

Rectangle

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



69.0976, 0.3240, 0.3401



69.0976, 0.3141, 0.3398



69.0976, 0.3015, 0.3180



69.0976, 0.3113, 0.3185

Sweetspot

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



69.1006, 0.3240, 0.3401



98.4580, 0.3158, 0.3320



64.4271, 0.3206, 0.3222



21.0903, 0.3156, 0.3319



0.0000, 0.0000, 0.0000



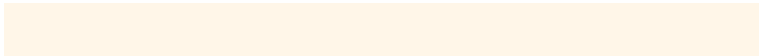
21.4041, 0.3127, 0.3290

Same Dimension

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



69.1006, 0.3240, 0.3401



93.2244, 0.3270, 0.3430



71.9590, 0.3220, 0.3467



15.1179, 0.3276, 0.3436



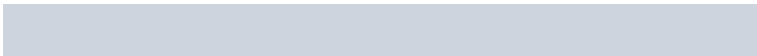
20.3261, 0.5046, 0.4375



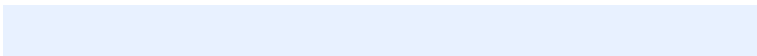
1.5794, 0.4880, 0.4507

Inverse Universe

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



65.4903, 0.3016, 0.3176



87.1069, 0.2987, 0.3146



62.7955, 0.3030, 0.3108



14.0839, 0.2981, 0.3140



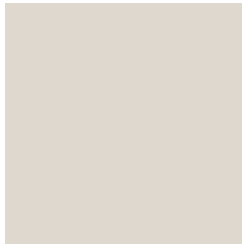
7.0504, 0.1667, 0.1200



0.6570, 0.1753, 0.1510

Previews

White Background



This preview shows how the Yxy color 69.0976, 0.3240, 0.3401 looks on a white background.

Color Contrast Check

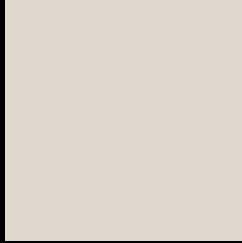
Large Text (above 18pt) WCAG AA × Fail

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 69.0976, 0.3240, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

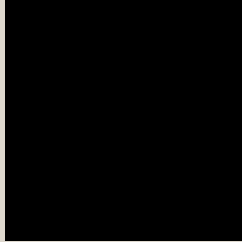
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

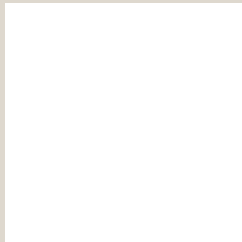
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0976, 0.3240, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 69.0976, 0.3240, 0.3401.

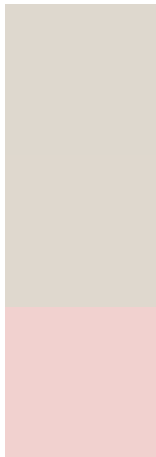


This preview shows how white text looks on a background with the Yxy color 69.0976, 0.3240, 0.3401.

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

69.0976, 0.3240, 0.3401

Protanopia

69.2559, 0.3247, 0.3401

Deuteranopia

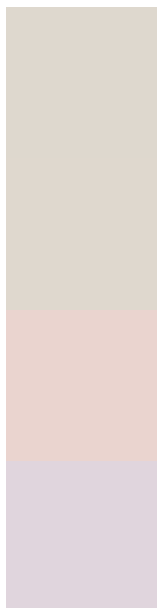
68.8067, 0.3386, 0.3312



Tritanopia

68.7517, 0.3107, 0.3107

Trichromacy



Original Color

69.0976, 0.3240, 0.3401

Protanomaly

69.2559, 0.3247, 0.3401

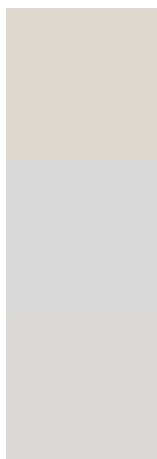
Deuteranomaly

69.0844, 0.3328, 0.3344

Tritanomaly

68.6563, 0.3153, 0.3203

Monochromacy



Original Color

69.0976, 0.3240, 0.3401

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4899, 0.3169, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0976, 0.3240, 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(222, 216, 206)` looks like.

```
.text, #text, p{  
    color:rgb(222, 216, 206)  
}
```

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(222, 216, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 216, 206) }
```

Border

The CSS property to change the border of an element to Yxy 69.0976, 0.3240, 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(222, 216, 206) }
```

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

```
.border{ border-color:rgb(222, 216, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 216, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 216, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 216, 206);  
box-shadow:4px 4px 4px 4px rgb(222, 216,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0976, 0.3240, 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(222, 216, 206) }
```

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

```
.background{ background-color: rgb(222,  
216, 206) }
```

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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