

Converting Colors

Yxy(72.6840, 0.3201, 0.3399)

Have a look what the booklet for
Yxy(72.6840, 0.3201, 0.3399)
contains.

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Color

Yxy(72.6840, 0.3201, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	DFDED4
RGB	223, 222, 212
RGB Percent	87%, 87%, 83%
CMY	0.1252, 0.1295, 0.1686
CMYK	0.00, 0.00, 0.05, 0.13
HSL	54°, 15%, 85%
HSV	54°, 5%, 87%
XYZ	68.4500, 72.6840, 72.7054
YIQ	221.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

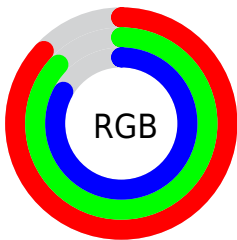
Format	Color
R _Y B	213, 223, 212
Decimal	14671572
CIE Lab	88.30, -1.38, 5.01
CIE LCh	88, 5.199, 105.387
Yxy	72.6840, 0.3201, 0.3399
Android (android.graphics.Color)	4292861652 (0xFFDFDED4)
YUV	221.1590, -4.5154, 1.6146
Hunter-Lab	85.2549, -5.8809, 9.1159

Details

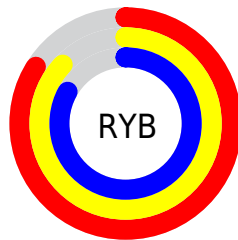
The Yxy color **72.6840, 0.3201, 0.3399** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9522, 0.3052, 0.3179**, and the grayscale version is **72.4615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3966, 0.3223, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **70.4937, 0.3356, 0.3625**, and if you desaturate by 10%, it is **75.0509, 0.3055, 0.3182**.

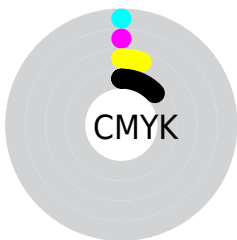
Distribution



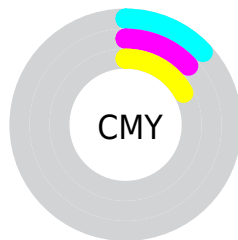
- Red (87%)
- Green (87%)
- Blue (83%)



- Red (84%)
- Yellow (87%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6840, 0.3201, 0.3399 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 72.6840, 0.3201, 0.3399 by changing the saturation by 10% instead.

■ 72.6840, 0.3201,
0.3399

■ 72.6840, 0.3201,
0.3399

469.9189, 0.3167,
0.3348

■ 53.7176, 0.3209,
0.3411

123.0285, 0.3189,
0.3381

■ 38.3759, 0.3218,
0.3425

155.1754, 0.3185,
0.3375

■ 26.2746, 0.3231,
0.3443

192.4846, 0.3181,
0.3369

■ 17.0292, 0.3247,
0.3467

235.3405, 0.3177,
0.3364

■ 10.2553, 0.3268,
0.3500

284.1275, 0.3174,
0.3359

■ 5.5686, 0.3300,
0.3548

339.2299, 0.3171,

■ 2.5846, 0.3350,

0.3355

0.3625

401.0323, 0.3169,
0.3352

0.9189, 0.3486,
0.3816

0.0000, 0.0000,
0.0000

72.6840, 0.3201,
0.3399

72.6840, 0.3201,
0.3399

70.4937, 0.3356,
0.3625

75.0509, 0.3055,
0.3182

68.4642, 0.3516,
0.3855

77.4871, 0.2928,
0.2994

66.5918, 0.3678,
0.4083

78.6760, 0.2928,
0.3016

64.8692, 0.3836,
0.4299

79.8799, 0.2929,
0.3039

63.2884, 0.3984,
0.4494

81.0988, 0.2929,
0.3062

61.8405, 0.4115,
0.4658

82.3329, 0.2930,
0.3085

60.5156, 0.4223,
0.4783

83.5820, 0.2931,
0.3107

59.3022, 0.4304,
0.4863

84.8464, 0.2931,
0.3130

58.1862, 0.4357,
0.4900

86.1260, 0.2932,
0.3152

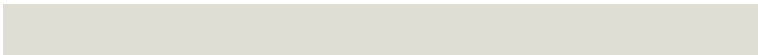
Harmonies

Analogous

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



72.6840, 0.3241, 0.3380



72.6840, 0.3201, 0.3399



72.6840, 0.3142, 0.3389

Triad

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



72.6840, 0.3201, 0.3399



72.6840, 0.3007, 0.3242



72.6840, 0.3175, 0.3230

Complementary

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



72.6840, 0.3201, 0.3399



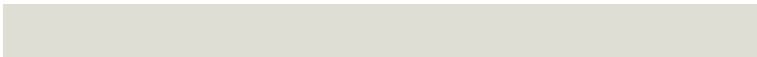
66.9522, 0.3052, 0.3179

Split Complementary

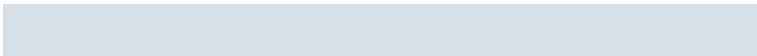
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6840, 0.3112, 0.3194



72.6840, 0.3201, 0.3399



72.6840, 0.3015, 0.3200

Square

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



72.6840, 0.3201, 0.3399



72.6840, 0.3030, 0.3297



72.6840, 0.3053, 0.3183



72.6840, 0.3225, 0.3282

Rectangle

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



72.6840, 0.3201, 0.3399



72.6840, 0.3100, 0.3366



72.6840, 0.3053, 0.3183



72.6840, 0.3154, 0.3216

Sweetspot

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



72.6872, 0.3201, 0.3399



99.6788, 0.3142, 0.3312



67.5923, 0.3202, 0.3278



21.3388, 0.3141, 0.3311



0.0000, 0.0000, 0.0000



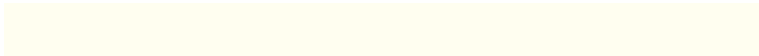
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6872, 0.3201, 0.3399



98.1082, 0.3217, 0.3423



72.5661, 0.3168, 0.3412



15.9288, 0.3226, 0.3436



33.9680, 0.4374, 0.4909



2.4215, 0.4343, 0.4934

Inverse Universe

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



66.9522, 0.3052, 0.3179



88.7143, 0.3035, 0.3153



67.0795, 0.3084, 0.3168



14.2636, 0.3026, 0.3140



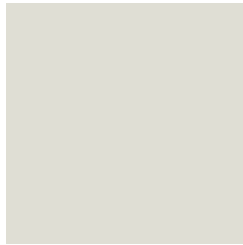
3.5367, 0.1519, 0.0669



0.3194, 0.1568, 0.0843

Previews

White Background



This preview shows how the Yxy color 72.6840, 0.3201, 0.3399 looks on a white background.

Color Contrast Check

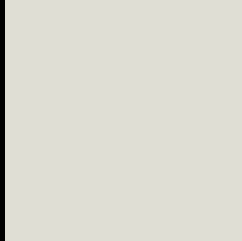
Large Text (above 18pt) WCAG AA × Fail

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 72.6840, 0.3201, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

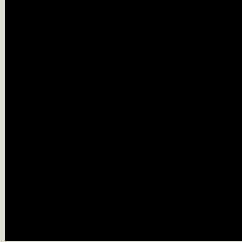
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

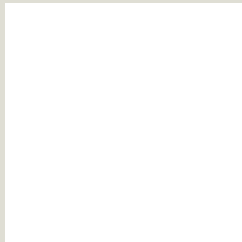
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6840, 0.3201, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 72.6840, 0.3201, 0.3399.

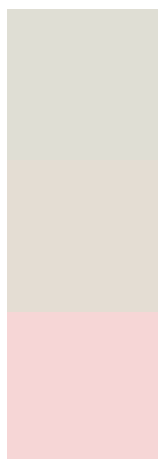


This preview shows how white text looks on a background with the Yxy color 72.6840, 0.3201, 0.3399.

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

72.6840, 0.3201, 0.3399

Protanopia

72.9100, 0.3244, 0.3398

Deuteranopia

72.5410, 0.3366, 0.3291



Tritanopia

72.5298, 0.3072, 0.3100

Trichromacy



Original Color

72.6840, 0.3201, 0.3399

Protanomaly

72.5848, 0.3230, 0.3399

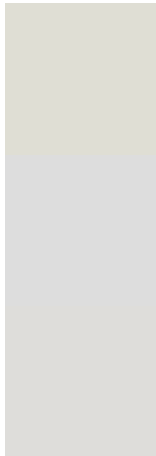
Deuteranomaly

72.6069, 0.3309, 0.3333

Tritanomaly

72.3778, 0.3124, 0.3205

Monochromacy



Original Color

72.6840, 0.3201, 0.3399

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3045, 0.3154, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6840, 0.3201, 0.3399 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(223, 222, 212)` looks like.

```
.text, #text, p{  
    color:rgb(223, 222, 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(223, 222, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 222, 212) }
```

Border

The CSS property to change the border of an element to Yxy 72.6840, 0.3201, 0.3399 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(223, 222, 212) }
```

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

```
.border{ border-color:rgb(223, 222, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 222, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(223, 222,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6840, 0.3201, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 222, 212) }
```

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

```
.background{ background-color: rgb(223,  
222, 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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