

Converting Colors

Yxy(68.9417, 0.3202, 0.3322)

Have a look what the booklet for
Yxy(68.9417, 0.3202, 0.3322)
contains.

Yxy(68.8839, 0.3199, 0.3323)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.8839, 0.3199, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	DED7D4
RGB	222, 215, 212
RGB Percent	87%, 84%, 83%
CMY	0.1293, 0.1569, 0.1686
CMYK	0.00, 0.03, 0.05, 0.13
HSL	18°, 13%, 85%
HSV	18°, 5%, 87%
XYZ	66.3135, 68.8839, 72.0970
YIQ	216.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

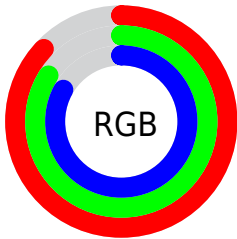
Format	Color
R _Y B	222, 216, 212
Decimal	14604244
CIE Lab	86.45, 1.88, 2.31
CIE LCh	86, 2.982, 50.822
Yxy	68.8839, 0.3199, 0.3323
Android (android.graphics.Color)	4292794324 (0xFFDED7D4)
YUV	216.7510, -2.3422, 4.6034
Hunter-Lab	82.9963, -2.6234, 6.5936

Details

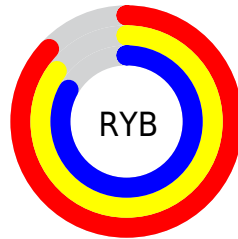
The Yxy color **68.8839, 0.3199, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9550, 0.3058, 0.3257**, and the grayscale version is **69.2260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7914, 0.3222, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **60.2822, 0.3380, 0.3400**, and if you desaturate by 10%, it is **78.4012, 0.3047, 0.3251**.

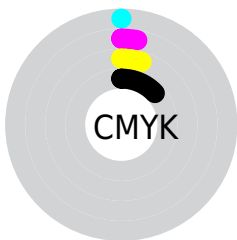
Distribution



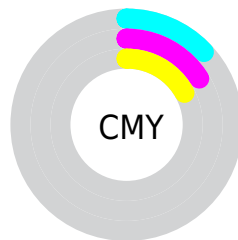
- Red (87%)
- Green (84%)
- Blue (83%)



- Red (87%)
- Yellow (85%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.8839, 0.3199, 0.3323 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 68.8839, 0.3199, 0.3323 by changing the saturation by 10% instead.

■ 68.8839, 0.3199,
0.3323

■ 68.8839, 0.3199,
0.3323

456.6214, 0.3165,
0.3308

■ 50.6172, 0.3207,
0.3327

117.6157, 0.3187,
0.3318

■ 35.9040, 0.3216,
0.3331

148.8496, 0.3183,
0.3316

■ 24.3601, 0.3229,
0.3336

185.1747, 0.3179,
0.3314

■ 15.6009, 0.3245,
0.3344

226.9753, 0.3175,
0.3312

■ 9.2422, 0.3268,
0.3354

274.6359, 0.3172,
0.3311

■ 4.8995, 0.3301,
0.3368

328.5408, 0.3170,

■ 2.1884, 0.3355,

0.3310

389.0745, 0.3167,
0.3309

0.3391

0.7137, 0.3527,
0.3475

0.0000, 0.0000,
0.0000

68.8839, 0.3199,
0.3323

68.8839, 0.3199,
0.3323

60.2822, 0.3380,
0.3400

78.4012, 0.3047,
0.3251

52.5599, 0.3595,
0.3481

88.7595, 0.2927,
0.3200

45.6913, 0.3848,
0.3564

94.2724, 0.2929,
0.3289

39.6463, 0.4142,
0.3644

■ 34.3928, 0.4475,
0.3714

■ 29.8966, 0.4838,
0.3764

■ 26.1206, 0.5212,
0.3781

■ 23.0245, 0.5562,
0.3754

■ 20.5627, 0.5854,
0.3681

Harmonies

Analogous

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



68.8839, 0.3188, 0.3292



68.8839, 0.3199, 0.3323



68.8839, 0.3190, 0.3346

Triad

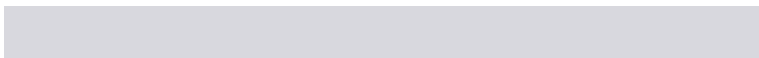
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.8839, 0.3199, 0.3323



68.8839, 0.3093, 0.3320



68.8839, 0.3090, 0.3227

Complementary

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



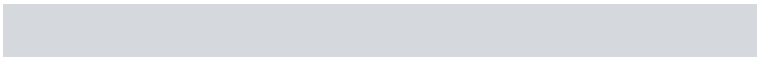
68.8839, 0.3199, 0.3323



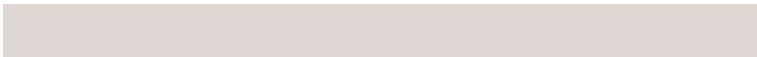
69.9550, 0.3058, 0.3257

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.



68.8839, 0.3064, 0.3235



68.8839, 0.3199, 0.3323



68.8839, 0.3067, 0.3288

Square

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



68.8839, 0.3199, 0.3323



68.8839, 0.3129, 0.3344



68.8839, 0.3056, 0.3257



68.8839, 0.3125, 0.3237

Rectangle

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



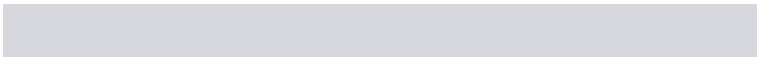
68.8839, 0.3199, 0.3323



68.8839, 0.3175, 0.3353



68.8839, 0.3056, 0.3257



68.8839, 0.3080, 0.3228

Sweetspot

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



68.8869, 0.3199, 0.3323



98.7005, 0.3143, 0.3297



67.7510, 0.3152, 0.3212



21.1397, 0.3142, 0.3297



0.0000, 0.0000, 0.0000



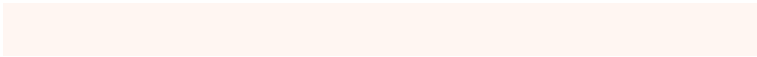
21.4041, 0.3127, 0.3290

Same Dimension

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



68.8869, 0.3199, 0.3323



93.6298, 0.3208, 0.3327



71.3947, 0.3195, 0.3376



15.1024, 0.3218, 0.3332



11.7238, 0.5960, 0.3650



0.9658, 0.5655, 0.3892

Inverse Universe

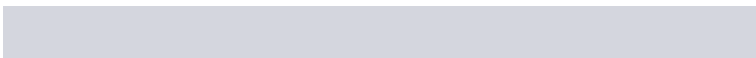
The Inverse Universe completely reimagines the original color for something new.



69.9550, 0.3058, 0.3257



95.2589, 0.3050, 0.3253



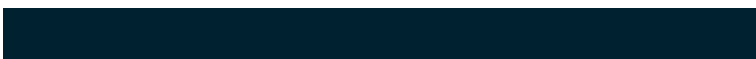
67.4595, 0.3059, 0.3203



15.3993, 0.3040, 0.3248



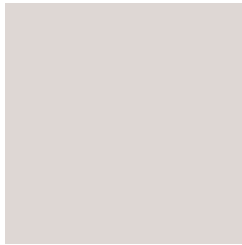
17.4142, 0.1970, 0.2291



1.3611, 0.2018, 0.2463

Previews

White Background



This preview shows how the Yxy color 68.8839, 0.3199, 0.3323 looks on a white background.

Color Contrast Check

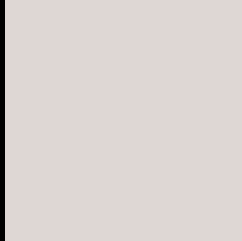
Large Text (above 18pt) WCAG AA × Fail

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 68.8839, 0.3199, 0.3323 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

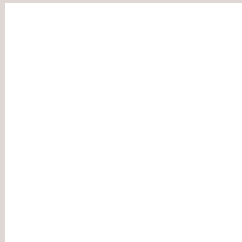
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8839, 0.3199, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 68.8839, 0.3199, 0.3323.

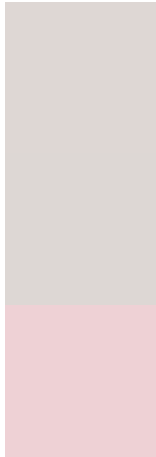


This preview shows how white text looks on a background with the Yxy color 68.8839, 0.3199, 0.3323.

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

68.8839, 0.3199, 0.3323

Protanopia

68.7265, 0.3192, 0.3323

Deuteranopia

68.5822, 0.3319, 0.3248



Tritanopia

68.7517, 0.3107, 0.3107

Trichromacy



Original Color

68.8839, 0.3199, 0.3323

Protanomaly

68.7265, 0.3192, 0.3323

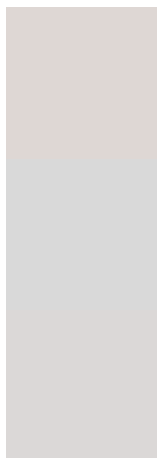
Deuteranomaly

68.5484, 0.3271, 0.3269

Tritanomaly

68.7635, 0.3140, 0.3182

Monochromacy



Original Color

68.8839, 0.3199, 0.3323

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.0781, 0.3156, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8839, 0.3199, 0.3323 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, 215, 212)` looks like.

```
.text, #text, p{  
    color:rgb(222, 215, 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(222, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 215, 212) }
```

Border

The CSS property to change the border of an element to Yxy 68.8839, 0.3199, 0.3323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

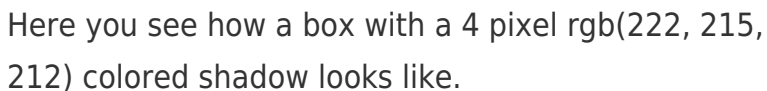
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 215, 212) }
```

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

```
.border{ border-color:rgb(222, 215, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(222, 215, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 215, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 215, 212); box-shadow:4px 4px 4px 4px rgb(222, 215, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8839, 0.3199, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 215, 212) }
```

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

```
.background{ background-color: rgb(222,  
215, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor