

Converting Colors

$Yxy(71.5295, 0.3204, 0.3322)$

Have a look what the booklet for
Yxy(71.5295, 0.3204, 0.3322)
contains.

Yxy(71.2694, 0.3199, 0.3312)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.2694, 0.3199, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	E2DAD8
RGB	226, 218, 216
RGB Percent	89%, 85%, 85%
CMY	0.1135, 0.1451, 0.1530
CMYK	0.00, 0.04, 0.04, 0.11
HSL	12°, 15%, 87%
HSV	12°, 4%, 89%
XYZ	68.8378, 71.2694, 75.0782
YIQ	220.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

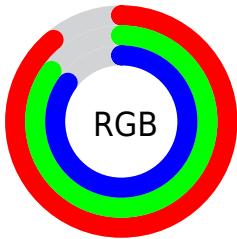
Format	Color
R _Y B	226, 219, 216
Decimal	14867160
CIE Lab	87.62, 2.40, 1.96
CIE LCh	88, 3.097, 39.179
Yxy	71.2694, 0.3199, 0.3312
Android (android.graphics.Color)	4293057240 (0xFFE2DAD8)
YUV	220.1640, -2.0529, 5.1182
Hunter-Lab	84.4212, -2.1866, 6.3666

Details

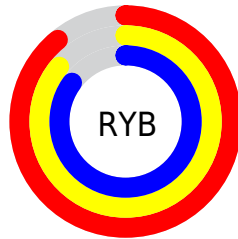
The Yxy color **71.2694, 0.3199, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4159, 0.3058, 0.3268**, and the grayscale version is **71.7071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4255, 0.3221, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **61.3128, 0.3384, 0.3364**, and if you desaturate by 10%, it is **82.4157, 0.3046, 0.3264**.

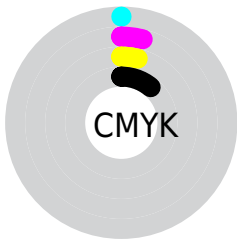
Distribution



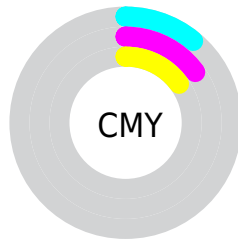
- Red (89%)
- Green (85%)
- Blue (85%)



- Red (89%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2694, 0.3199, 0.3312 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 71.2694, 0.3199, 0.3312 by changing the saturation by 10% instead.

■ 71.2694, 0.3199,
0.3312

■ 71.2694, 0.3199,
0.3312

464.9946, 0.3166,
0.3302

■ 52.5621, 0.3207,
0.3314

121.0172, 0.3187,
0.3309

■ 37.4533, 0.3216,
0.3317

152.8265, 0.3183,
0.3307

■ 25.5586, 0.3228,
0.3321

189.7720, 0.3179,
0.3306

■ 16.4938, 0.3244,
0.3325

232.2379, 0.3176,
0.3305

■ 9.8742, 0.3266,
0.3332

280.6087, 0.3173,
0.3304

■ 5.3156, 0.3298,
0.3341

335.2689, 0.3170,

■ 2.4336, 0.3350,

0.3303

396.6027, 0.3168,
0.3303

0.3355

0.8431, 0.3462,
0.3394

0.0000, 0.0000,
0.0000

71.2694, 0.3199,
0.3312

71.2694, 0.3199,
0.3312

61.3128, 0.3384,
0.3364

82.4157, 0.3046,
0.3264

52.4973, 0.3609,
0.3419

94.3746, 0.2952,
0.3281

44.7847, 0.3878,
0.3476

94.9160, 0.2952,
0.3289

38.1312, 0.4197,
0.3529

■ 32.4899, 0.4565,
0.3575

■ 27.8106, 0.4971,
0.3603

■ 24.0382, 0.5387,
0.3606

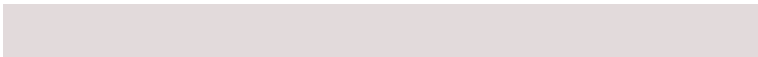
■ 21.1123, 0.5770,
0.3573

■ 18.9643, 0.6069,
0.3506

Harmonies

Analogous

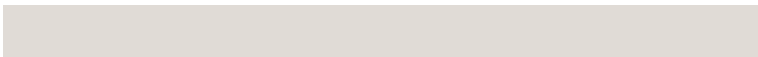
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2694, 0.3181, 0.3279



71.2694, 0.3199, 0.3312



71.2694, 0.3198, 0.3340

Triad

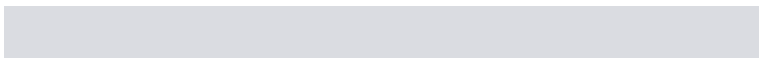
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2694, 0.3199, 0.3312



71.2694, 0.3106, 0.3332



71.2694, 0.3077, 0.3227

Complementary

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



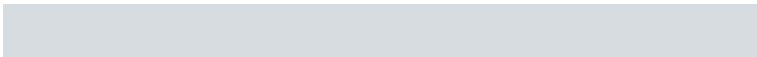
71.2694, 0.3199, 0.3312



73.4159, 0.3058, 0.3268

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.



71.2694, 0.3057, 0.3240



71.2694, 0.3199, 0.3312



71.2694, 0.3074, 0.3301

Square

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



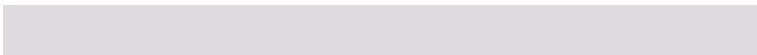
71.2694, 0.3199, 0.3312



71.2694, 0.3144, 0.3352



71.2694, 0.3056, 0.3268



71.2694, 0.3110, 0.3230

Rectangle

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



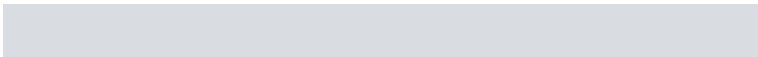
71.2694, 0.3199, 0.3312



71.2694, 0.3186, 0.3351



71.2694, 0.3056, 0.3268



71.2694, 0.3068, 0.3229

Sweetspot

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



71.2725, 0.3199, 0.3312



98.5426, 0.3143, 0.3295



70.6601, 0.3146, 0.3203



21.1075, 0.3142, 0.3295



0.0000, 0.0000, 0.0000



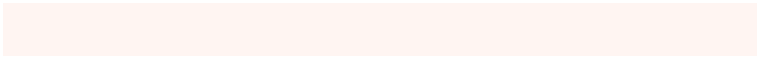
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2725, 0.3199, 0.3312



92.8717, 0.3209, 0.3315



73.9213, 0.3195, 0.3366



14.9645, 0.3220, 0.3318



10.4402, 0.6171, 0.3482



0.8500, 0.5879, 0.3714

Inverse Universe

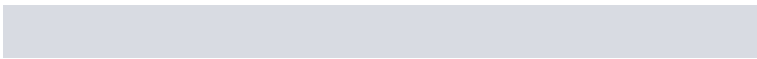
The Inverse Universe completely reimagines the original color for something new.



73.4159, 0.3058, 0.3268



96.0432, 0.3049, 0.3265



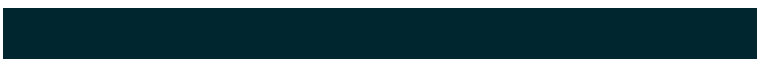
70.7512, 0.3060, 0.3213



15.5426, 0.3040, 0.3262



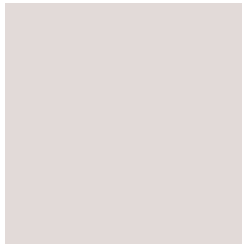
22.0984, 0.2066, 0.2637



1.6516, 0.2097, 0.2748

Previews

White Background



This preview shows how the Yxy color 71.2694, 0.3199, 0.3312 looks on a white background.

Color Contrast Check

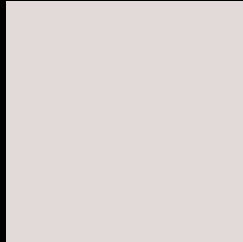
Large Text (above 18pt) WCAG AA × Fail

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 71.2694, 0.3199, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

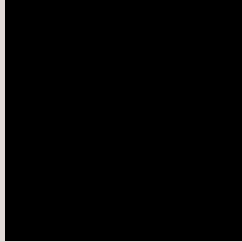
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

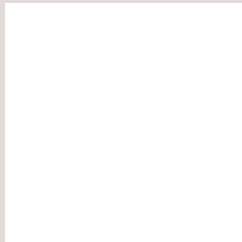
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2694, 0.3199, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 71.2694, 0.3199, 0.3312.

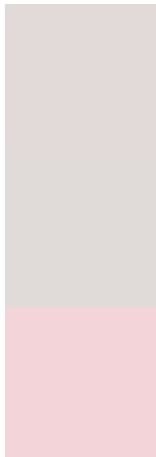


This preview shows how white text looks on a background with the Yxy color 71.2694, 0.3199, 0.3312.

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

71.2694, 0.3199, 0.3312

Protanopia

71.4682, 0.3183, 0.3323

Deuteranopia

70.9740, 0.3316, 0.3238



Tritanopia

70.9211, 0.3107, 0.3109

Trichromacy



Original Color

71.2694, 0.3199, 0.3312

Protanomaly

71.6285, 0.3190, 0.3323

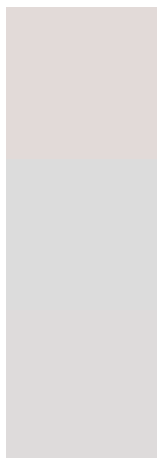
Deuteranomaly

70.9358, 0.3269, 0.3259

Tritanomaly

70.9336, 0.3139, 0.3183

Monochromacy



Original Color

71.2694, 0.3199, 0.3312

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.3071, 0.3149, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2694, 0.3199, 0.3312 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(226, 218, 216)` looks like.

```
.text, #text, p{  
    color:rgb(226, 218, 216)  
}
```

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(226, 218, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 218, 216) }
```

Border

The CSS property to change the border of an element to Yxy 71.2694, 0.3199, 0.3312 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(226, 218, 216) }
```

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

```
.border{ border-color:rgb(226, 218, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 218, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 218, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 218, 216);  
box-shadow:4px 4px 4px 4px rgb(226, 218,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2694, 0.3199, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 218, 216) }
```

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

```
.background{ background-color: rgb(226,  
218, 216) }
```

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