

Converting Colors

$Yxy(70.5569, 0.3307, 0.3399)$

Have a look what the booklet for
Yxy(70.5569, 0.3307, 0.3399)
contains.

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Color

Yxy(70.5569, 0.3307, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	E7D8CE
RGB	231, 216, 206
RGB Percent	91%, 85%, 81%
CMY	0.0941, 0.1529, 0.1922
CMYK	0.00, 0.06, 0.11, 0.09
HSL	24°, 34%, 86%
HSV	24°, 11%, 91%
XYZ	68.6472, 70.5569, 68.3773
YIQ	219.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

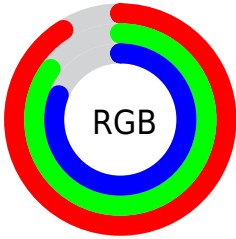
Format	Color
R _Y B	231, 223, 206
Decimal	15194318
CIE Lab	87.27, 3.48, 6.78
CIE LCh	87, 7.621, 62.836
Yxy	70.5569, 0.3307, 0.3399
Android (android.graphics.Color)	4293384398 (0xFFE7D8CE)
YUV	219.3450, -6.5791, 10.2214
Hunter-Lab	83.9982, -1.1184, 10.5347

Details

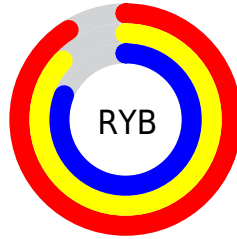
The Yxy color **70.5569, 0.3307, 0.3399** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5790, 0.2959, 0.3179**, and the grayscale version is **71.1309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8707, 0.3345, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **62.7254, 0.3502, 0.3506**, and if you desaturate by 10%, it is **79.1565, 0.3140, 0.3298**.

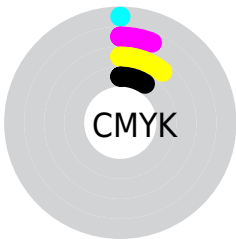
Distribution



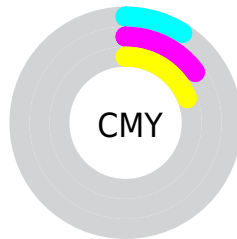
- Red (91%)
- Green (85%)
- Blue (81%)



- Red (91%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (9%)





- Cyan (9%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.5569, 0.3307, 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 70.5569, 0.3307, 0.3399 by changing the saturation by 10% instead.

 70.5569, 0.3307,
0.3399

 70.5569, 0.3307,
0.3399


462.5030, 0.3223,
0.3349

 51.9807, 0.3326,
0.3410

120.0026, 0.3278,
0.3382

 36.9897, 0.3350,
0.3425


151.6408, 0.3266,
0.3375

 25.1995, 0.3381,
0.3442


188.4019, 0.3257,
0.3369

 16.2257, 0.3422,
0.3466

230.6701, 0.3248,
0.3364

 9.6840, 0.3477,
0.3497

278.8300, 0.3241,
0.3359

 5.1900, 0.3559,
0.3543

333.2658, 0.3234,

 2.3592, 0.3690,

0.3356

0.3613

394.3620, 0.3228,
0.3352

■ 0.8048, 0.4132,
0.3913

■ 0.0000, 0.0000,
0.0000

■ 70.5569, 0.3307,
0.3399

■ 70.5569, 0.3307,
0.3399

■ 62.7254, 0.3502,
0.3506

■ 79.1565, 0.3140,
0.3298

■ 55.6307, 0.3727,
0.3616

■ 88.5357, 0.2997,
0.3204

■ 49.2533, 0.3985,
0.3725

■ 95.7278, 0.2982,
0.3290

■ 43.5688, 0.4273,
0.3826

■ 38.5515, 0.4586,
0.3909

■ 34.1739, 0.4911,
0.3961

■ 30.4059, 0.5225,
0.3969

■ 27.2143, 0.5505,
0.3924

■ 24.7551, 0.5717,
0.3842

Harmonies

Analogous

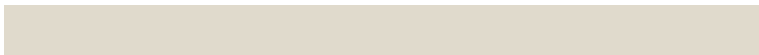
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.5569, 0.3299, 0.3326



70.5569, 0.3307, 0.3399



70.5569, 0.3266, 0.3445

Triad

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



70.5569, 0.3307, 0.3399



70.5569, 0.3010, 0.3335



70.5569, 0.3065, 0.3137

Complementary

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



70.5569, 0.3307, 0.3399



70.5790, 0.2959, 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.



70.5569, 0.2990, 0.3137



70.5569, 0.3307, 0.3399



70.5569, 0.2958, 0.3250

Square

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



70.5569, 0.3307, 0.3399



70.5569, 0.3094, 0.3408



70.5569, 0.2951, 0.3178



70.5569, 0.3159, 0.3176

Rectangle

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



70.5569, 0.3307, 0.3399



70.5569, 0.3216, 0.3452



70.5569, 0.2951, 0.3178



70.5569, 0.3037, 0.3132

Sweetspot

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



70.5600, 0.3307, 0.3399



96.6285, 0.3174, 0.3320



66.3388, 0.3210, 0.3129



20.4928, 0.3187, 0.3328



0.0000, 0.0000, 0.0000



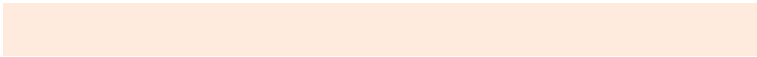
21.4041, 0.3127, 0.3290

Same Dimension

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



70.5600, 0.3307, 0.3399



86.0263, 0.3348, 0.3423



77.2005, 0.3291, 0.3531



15.3120, 0.3282, 0.3385



14.1068, 0.5689, 0.3865



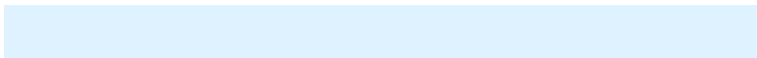
1.2204, 0.5423, 0.4076

Inverse Universe

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



70.5790, 0.2959, 0.3179



86.0540, 0.2924, 0.3154



64.2329, 0.2957, 0.3037



15.3156, 0.2981, 0.3193



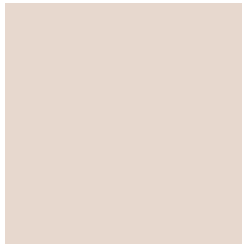
13.7301, 0.1868, 0.1923



1.1954, 0.1929, 0.2143

Previews

White Background



This preview shows how the Yxy color 70.5569, 0.3307, 0.3399 looks on a white background.

Color Contrast Check

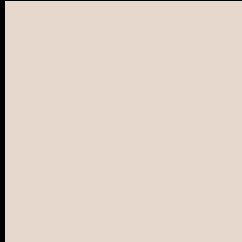
Large Text (above 18pt) WCAG AA × Fail

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 70.5569, 0.3307, 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 70.5569, 0.3307, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 70.5569, 0.3307, 0.3399.

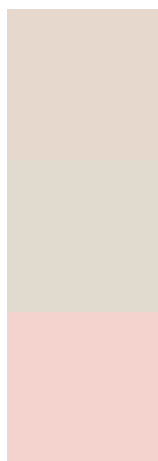


This preview shows how white text looks on a background with the Yxy color 70.5569, 0.3307, 0.3399.

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

70.5569, 0.3307, 0.3399

Protanopia

70.6554, 0.3253, 0.3411

Deuteranopia

70.3266, 0.3406, 0.3333



Tritanopia

70.7381, 0.3172, 0.3122

Trichromacy



Original Color

70.5569, 0.3307, 0.3399

Protanomaly

70.4616, 0.3269, 0.3399

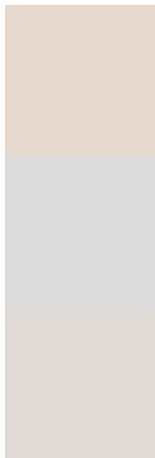
Deuteranomaly

70.4442, 0.3364, 0.3354

Tritanomaly

70.6372, 0.3219, 0.3216

Monochromacy



Original Color

70.5569, 0.3307, 0.3399

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6858, 0.3190, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5569, 0.3307, 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(231, 216, 206)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 216, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 216, 206) }
```

Border

The CSS property to change the border of an element to Yxy 70.5569, 0.3307, 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(231, 216, 206) }
```

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

```
.border{ border-color:rgb(231, 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(231, 216, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 216, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 216, 206);  
box-shadow:4px 4px 4px 4px rgb(231, 216,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5569, 0.3307, 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(231, 216, 206) }
```

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

```
.background{ background-color: rgb(231,  
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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