

Converting Colors

Yxy(70.3189, 0.3269, 0.3402)

Have a look what the booklet for
Yxy(70.3189, 0.3269, 0.3402)
contains.

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Color

Yxy(70.4616, 0.3269, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	E3D9CF
RGB	227, 217, 207
RGB Percent	89%, 85%, 81%
CMY	0.1096, 0.1491, 0.1882
CMYK	0.00, 0.04, 0.09, 0.11
HSL	30°, 26%, 85%
HSV	30°, 9%, 89%
XYZ	67.7667, 70.4616, 69.0727
YIQ	218.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

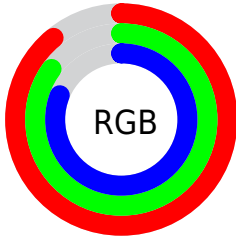
Format	Color
R_{YB}	227, 227, 207
Decimal	14932431
CIE Lab	87.22, 1.75, 6.12
CIE LCh	87, 6.368, 74.015
Yxy	70.4616, 0.3269, 0.3399
Android (android.graphics.Color)	4293122511 (0xFFE3D9CF)
YUV	218.8500, -5.8420, 7.1476
Hunter-Lab	83.9414, -2.7927, 9.9712

Details

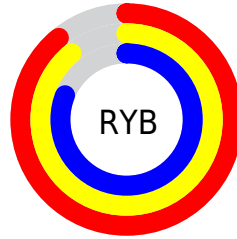
The Yxy color **70.4616, 0.3269, 0.3399** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4838, 0.2991, 0.3179**, and the grayscale version is **70.7720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9112, 0.3305, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **63.7558, 0.3451, 0.3529**, and if you desaturate by 10%, it is **77.7395, 0.3109, 0.3276**.

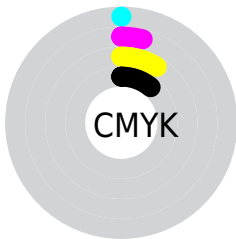
Distribution



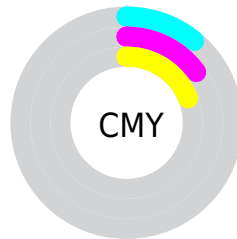
- Red (89%)
- Green (85%)
- Blue (81%)



- Red (89%)
- Yellow (89%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4616, 0.3269, 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 70.4616, 0.3269, 0.3399 by changing the saturation by 10% instead.

70.4616, 0.3269,
0.3399

70.4616, 0.3269,
0.3399

462.1691, 0.3203,
0.3349

51.9029, 0.3284,
0.3411

119.8668, 0.3246,
0.3381

36.9277, 0.3303,
0.3425

151.4821, 0.3237,
0.3375

25.1515, 0.3327,
0.3443

188.2185, 0.3229,
0.3369

16.1900, 0.3359,
0.3467

230.4602, 0.3223,
0.3364

9.6587, 0.3403,
0.3499

278.5917, 0.3217,
0.3359

5.1733, 0.3467,
0.3547

332.9975, 0.3212,

2.3493, 0.3570,

0.3355

0.3621

394.0618, 0.3207,
0.3352

0.7996, 0.3926,
0.3910

0.0000, 0.0000,
0.0000

70.4616, 0.3269,
0.3399

70.4616, 0.3269,
0.3399

63.7558, 0.3451,
0.3529

77.7395, 0.3109,
0.3276

57.5979, 0.3659,
0.3664

85.5946, 0.2971,
0.3161

51.9754, 0.3891,
0.3799

92.6781, 0.2958,
0.3251

46.8716, 0.4145,
0.3926

95.0786, 0.2958,
0.3290

■ 42.2691, 0.4417,
0.4036

■ 38.1489, 0.4695,
0.4118

■ 34.4904, 0.4965,
0.4156

■ 31.2707, 0.5207,
0.4143

■ 28.4595, 0.5410,
0.4077

Harmonies

Analogous

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



70.4616, 0.3278, 0.3345



70.4616, 0.3269, 0.3399



70.4616, 0.3221, 0.3425

Triad

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



70.4616, 0.3269, 0.3399



70.4616, 0.3009, 0.3302



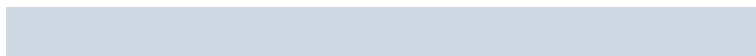
70.4616, 0.3104, 0.3170

Complementary

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



70.4616, 0.3269, 0.3399



68.4838, 0.2991, 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.



70.4616, 0.3033, 0.3158



70.4616, 0.3269, 0.3399



70.4616, 0.2979, 0.3233

Square

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



70.4616, 0.3269, 0.3399



70.4616, 0.3071, 0.3368



70.4616, 0.2987, 0.3180



70.4616, 0.3182, 0.3214

Rectangle

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



70.4616, 0.3269, 0.3399



70.4616, 0.3175, 0.3422



70.4616, 0.2987, 0.3180



70.4616, 0.3079, 0.3162

Sweetspot

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



70.4647, 0.3269, 0.3399



97.0900, 0.3174, 0.3327



66.0034, 0.3206, 0.3178



20.6172, 0.3187, 0.3337



0.0000, 0.0000, 0.0000



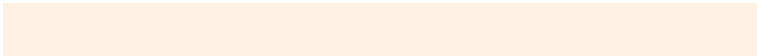
21.4041, 0.3127, 0.3290

Same Dimension

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



70.4647, 0.3269, 0.3399



89.6615, 0.3308, 0.3428



75.6264, 0.3258, 0.3503



15.5471, 0.3280, 0.3407



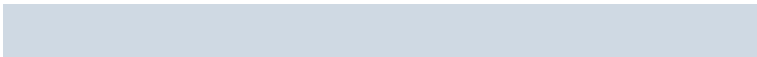
16.6434, 0.5410, 0.4086



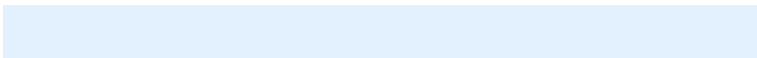
1.4156, 0.5185, 0.4265

Inverse Universe

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



68.4838, 0.2991, 0.3179



86.4761, 0.2955, 0.3148



63.6149, 0.2991, 0.3068



15.0774, 0.2981, 0.3170



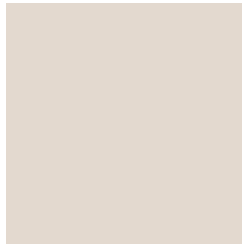
10.4885, 0.1775, 0.1589



0.9609, 0.1848, 0.1853

Previews

White Background



This preview shows how the Yxy color 70.4616, 0.3269, 0.3399 looks on a white background.

Color Contrast Check

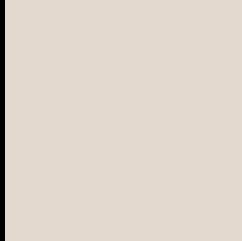
Large Text (above 18pt) WCAG AA × Fail

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 70.4616, 0.3269, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

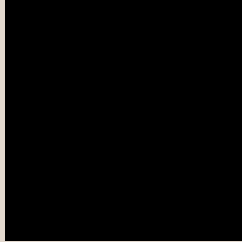
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

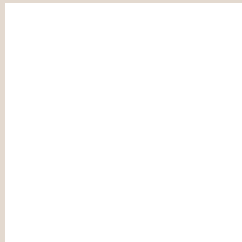
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4616, 0.3269, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 70.4616, 0.3269, 0.3399.

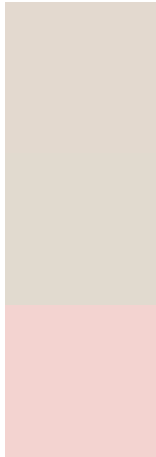


This preview shows how white text looks on a background with the Yxy color 70.4616, 0.3269, 0.3399.

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

70.4616, 0.3269, 0.3399

Protanopia

70.6554, 0.3253, 0.3411

Deuteranopia

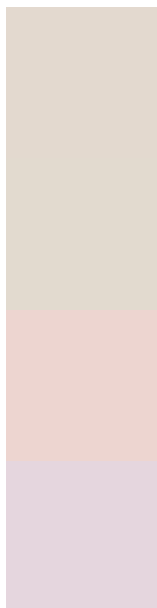
70.1973, 0.3391, 0.3322



Tritanopia

70.1247, 0.3136, 0.3110

Trichromacy



Original Color

70.4616, 0.3269, 0.3399

Protanomaly

70.8166, 0.3260, 0.3410

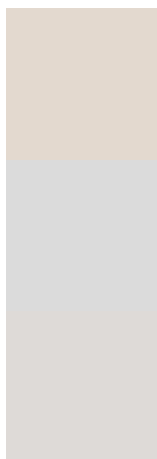
Deuteranomaly

70.1471, 0.3342, 0.3344

Tritanomaly

70.0251, 0.3182, 0.3204

Monochromacy



Original Color

70.4616, 0.3269, 0.3399

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5787, 0.3176, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4616, 0.3269, 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(227, 217, 207)` looks like.

```
.text, #text, p{  
    color:rgb(227, 217, 207)  
}
```

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(227, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 217, 207) }
```

Border

The CSS property to change the border of an element to Yxy 70.4616, 0.3269, 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(227, 217, 207) }
```

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

```
.border{ border-color:rgb(227, 217, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 217, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(227, 217,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4616, 0.3269, 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(227, 217, 207) }
```

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

```
.background{ background-color: rgb(227,  
217, 207) }
```

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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