

Converting Colors

$Y_{xy}(70.4571, 0.3321, 0.3504)$

Have a look what the booklet for
Yxy(70.4571, 0.3321, 0.3504)
contains.

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Color

Yxy(70.4351, 0.3316, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	E2DAC7
RGB	226, 218, 199
RGB Percent	89%, 85%, 78%
CMY	0.1136, 0.1451, 0.2196
CMYK	0.00, 0.04, 0.12, 0.11
HSL	42°, 32%, 83%
HSV	42°, 12%, 89%
XYZ	66.7513, 70.4351, 64.1143
YIQ	218.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

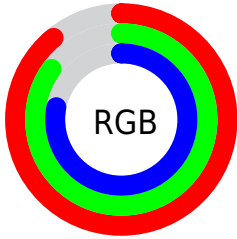
Format	Color
R _Y B	210, 226, 199
Decimal	14867143
CIE Lab	87.21, -0.43, 10.31
CIE LCh	87, 10.323, 92.402
Yxy	70.4351, 0.3316, 0.3499
Android (android.graphics.Color)	4293057223 (0xFFE2DAC7)
YUV	218.2260, -9.4784, 6.8178
Hunter-Lab	83.9256, -4.8976, 13.4538

Details

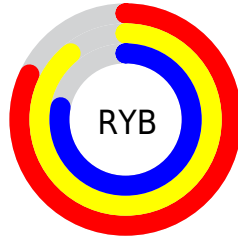
The Yxy color **70.4351, 0.3316, 0.3499** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2812, 0.2940, 0.3072**, and the grayscale version is **70.3405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8966, 0.3367, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **66.0505, 0.3490, 0.3682**, and if you desaturate by 10%, it is **75.1231, 0.3157, 0.3323**.

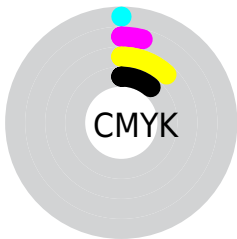
Distribution



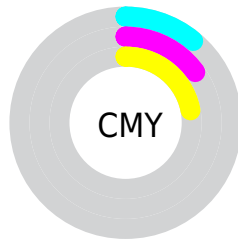
- Red (89%)
- Green (85%)
- Blue (78%)



- Red (82%)
- Yellow (89%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4351, 0.3316, 0.3499 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 70.4351, 0.3316, 0.3499 by changing the saturation by 10% instead.

■ 70.4351, 0.3316,
0.3499

■ 70.4351, 0.3316,
0.3499

462.0762, 0.3228,
0.3402

■ 51.8813, 0.3336,
0.3521

119.8290, 0.3285,
0.3465

■ 36.9105, 0.3361,
0.3549

151.4380, 0.3274,
0.3452

■ 25.1382, 0.3393,
0.3585

188.1674, 0.3263,
0.3441

■ 16.1800, 0.3435,
0.3631

230.4018, 0.3254,
0.3431

■ 9.6516, 0.3492,
0.3695

278.5255, 0.3247,
0.3422

■ 5.1686, 0.3575,
0.3788

332.9228, 0.3240,

■ 2.3465, 0.3705,

0.3415

0.3934

393.9783, 0.3234,
0.3408

0.7982, 0.4415,
0.4711

0.0000, 0.0000,
0.0000

70.4351, 0.3316,
0.3499

70.4351, 0.3316,
0.3499

66.0505, 0.3490,
0.3682

75.1231, 0.3157,
0.3323

61.9515, 0.3677,
0.3867

80.1134, 0.3012,
0.3157

58.1322, 0.3875,
0.4048

84.6318, 0.2949,
0.3118

54.5829, 0.4076,
0.4216

88.6210, 0.2950,
0.3187

■ 51.2931, 0.4274,
0.4361

■ 92.7579, 0.2952,
0.3255

■ 48.2511, 0.4460,
0.4471

■ 94.9133, 0.2952,
0.3289

■ 45.4439, 0.4624,
0.4536

■ 42.8560, 0.4759,
0.4552

■ 40.9140, 0.4847,
0.4533

Harmonies

Analogous

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



70.4351, 0.3372, 0.3435



70.4351, 0.3316, 0.3499



70.4351, 0.3210, 0.3506

Triad

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



70.4351, 0.3316, 0.3499



70.4351, 0.2899, 0.3237



70.4351, 0.3168, 0.3135

Complementary

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



70.4351, 0.3316, 0.3499



62.2812, 0.2940, 0.3072

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.



70.4351, 0.3041, 0.3083



70.4351, 0.3316, 0.3499



70.4351, 0.2888, 0.3139

Square

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



70.4351, 0.3316, 0.3499



70.4351, 0.2970, 0.3353



70.4351, 0.2940, 0.3084



70.4351, 0.3285, 0.3227

Rectangle

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



70.4351, 0.3316, 0.3499



70.4351, 0.3126, 0.3477



70.4351, 0.2940, 0.3084



70.4351, 0.3125, 0.3113

Sweetspot

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



70.4382, 0.3316, 0.3499



97.4410, 0.3188, 0.3359



61.5348, 0.3281, 0.3200



20.7549, 0.3200, 0.3372



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.



70.4382, 0.3316, 0.3499



91.3252, 0.3352, 0.3538



73.8454, 0.3266, 0.3588



15.3055, 0.3274, 0.3454



23.5511, 0.4834, 0.4544



1.7861, 0.4712, 0.4641

Inverse Universe

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



62.2812, 0.2940, 0.3072



78.8715, 0.2905, 0.3030



59.2391, 0.2978, 0.2981



13.9041, 0.2981, 0.3120



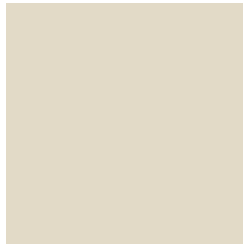
5.6158, 0.1610, 0.0997



0.5421, 0.1695, 0.1303

Previews

White Background



This preview shows how the Yxy color 70.4351, 0.3316, 0.3499 looks on a white background.

Color Contrast Check

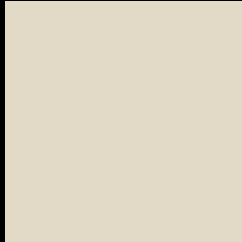
Large Text (above 18pt) WCAG AA × Fail

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 70.4351, 0.3316, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

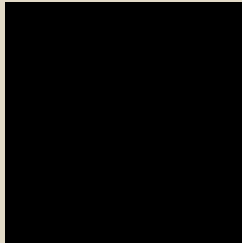
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4351, 0.3316, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 70.4351, 0.3316, 0.3499.

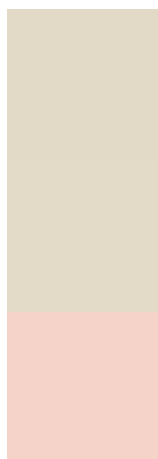


This preview shows how white text looks on a background with the Yxy color 70.4351, 0.3316, 0.3499.

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

70.4351, 0.3316, 0.3499

Protanopia

70.5972, 0.3323, 0.3499

Deuteranopia

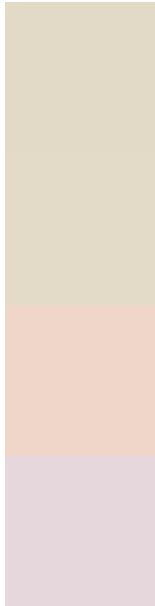
70.3515, 0.3473, 0.3407



Tritanopia

70.1247, 0.3136, 0.3110

Trichromacy



Original Color

70.4351, 0.3316, 0.3499

Protanomaly

70.5972, 0.3323, 0.3499

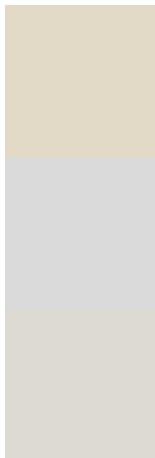
Deuteranomaly

70.6140, 0.3414, 0.3440

Tritanomaly

70.3734, 0.3202, 0.3247

Monochromacy



Original Color

70.4351, 0.3316, 0.3499

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2181, 0.3196, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4351, 0.3316, 0.3499 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(226, 218, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 218, 199) }
```

Border

The CSS property to change the border of an element to Yxy 70.4351, 0.3316, 0.3499 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, 199) }
```

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

```
.border{ border-color:rgb(226, 218, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 218, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 218, 199);  
box-shadow:4px 4px 4px 4px rgb(226, 218,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4351, 0.3316, 0.3499 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, 199) }
```

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

```
.background{ background-color: rgb(226,  
218, 199) }
```

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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