

Converting Colors

Yxy(71.1494, 0.3368, 0.3613)

Have a look what the booklet for
Yxy(71.1494, 0.3368, 0.3613)
contains.

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Color

Yxy(71.1167, 0.3369, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	E2DCBF
RGB	226, 220, 191
RGB Percent	89%, 86%, 75%
CMY	0.1136, 0.1373, 0.2510
CMYK	0.00, 0.03, 0.16, 0.11
HSL	50°, 38%, 82%
HSV	50°, 16%, 89%
XYZ	66.3690, 71.1167, 59.5134
YIQ	218.4880, 12.8850, -7.7470

Conversions

Conversions Part 2

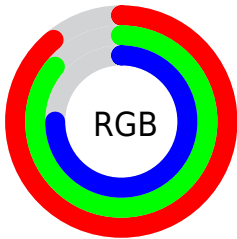
Format	Color
R _Y B	198, 226, 191
Decimal	14867647
CIE Lab	87.54, -2.71, 15.00
CIE LCh	88, 15.240, 100.255
Yxy	71.1167, 0.3369, 0.3610
Android (android.graphics.Color)	4293057727 (0xFFE2DCBF)
YUV	218.4880, -13.5516, 6.5880
Hunter-Lab	84.3307, -7.0977, 17.1897

Details

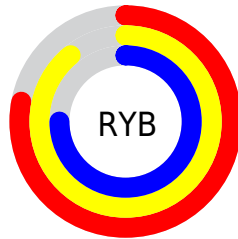
The Yxy color **71.1167, 0.3369, 0.3610** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.5169, 0.2879, 0.2948**, and the grayscale version is **70.5588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **37.2913, 0.3417, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **68.1781, 0.3537, 0.3824**, and if you desaturate by 10%, it is **74.2629, 0.3210, 0.3401**.

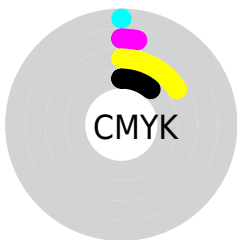
Distribution



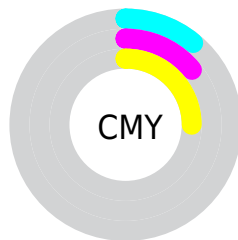
- Red (89%)
- Green (86%)
- Blue (75%)



- Red (78%)
- Yellow (89%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (11%)





- Cyan (11%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1167, 0.3369, 0.3610 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 71.1167, 0.3369, 0.3610 by changing the saturation by 10% instead.


 71.1167, 0.3369,
0.3610

 71.1167, 0.3369,
0.3610


464.4613, 0.3257,
0.3460

 52.4374, 0.3395,
0.3644


 120.7999, 0.3330,
0.3558

 37.3539, 0.3426,
0.3687


152.5726, 0.3315,
0.3538

 25.4816, 0.3466,
0.3742


189.4786, 0.3302,
0.3520

 16.4362, 0.3517,
0.3813

231.9022, 0.3291,
0.3505

 9.8334, 0.3587,
0.3911

280.2279, 0.3281,
0.3492

 5.2886, 0.3687,
0.4052

334.8400, 0.3272,

 2.4176, 0.3837,

0.3480

0.4273

396.1230, 0.3264,
0.3470

0.8349, 0.4656,
0.5344

0.0000, 0.0000,
0.0000

71.1167, 0.3369,
0.3610

71.1167, 0.3369,
0.3610

68.1781, 0.3537,
0.3824

74.2629, 0.3210,
0.3401

65.4302, 0.3709,
0.4035

77.6142, 0.3062,
0.3202

62.8685, 0.3882,
0.4238

80.9327, 0.2948,
0.3051

60.4842, 0.4048,
0.4420

83.1476, 0.2949,
0.3092

■ 58.2680, 0.4200,
0.4573

■ 85.4115, 0.2950,
0.3132

■ 56.2092, 0.4332,
0.4687

■ 87.7246, 0.2950,
0.3172

■ 54.2955, 0.4436,
0.4755

■ 90.0873, 0.2951,
0.3212

■ 52.5119, 0.4512,
0.4778

■ 92.4998, 0.2952,
0.3251

■ 51.7413, 0.4539,
0.4778

■ 94.9149, 0.2952,
0.3289

Harmonies

Analogous

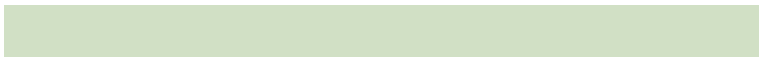
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.1167, 0.3475, 0.3533



71.1167, 0.3369, 0.3610



71.1167, 0.3199, 0.3599

Triad

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



71.1167, 0.3369, 0.3610



71.1167, 0.2781, 0.3167



71.1167, 0.3235, 0.3095

Complementary

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



71.1167, 0.3369, 0.3610



56.5169, 0.2879, 0.2948

Split Complementary

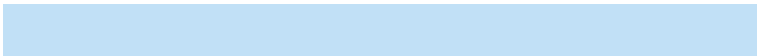
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1167, 0.3047, 0.3002



71.1167, 0.3369, 0.3610



71.1167, 0.2789, 0.3039

Square

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



71.1167, 0.3369, 0.3610



71.1167, 0.2862, 0.3337



71.1167, 0.2885, 0.2981



71.1167, 0.3397, 0.3237

Rectangle

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



71.1167, 0.3369, 0.3610



71.1167, 0.3074, 0.3540



71.1167, 0.2885, 0.2981



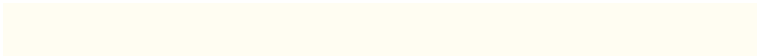
71.1167, 0.3172, 0.3057

Sweetspot

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



71.1198, 0.3369, 0.3610



97.8111, 0.3203, 0.3392



57.4834, 0.3367, 0.3218



20.8709, 0.3214, 0.3406



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.



71.1198, 0.3369, 0.3610



92.0479, 0.3429, 0.3687



72.6127, 0.3278, 0.3684



15.6063, 0.3271, 0.3483



29.6619, 0.4533, 0.4783



2.1634, 0.4472, 0.4831

Inverse Universe

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



56.5169, 0.2879, 0.2948



68.9730, 0.2816, 0.2859



55.3203, 0.2960, 0.2885



13.6234, 0.2981, 0.3090



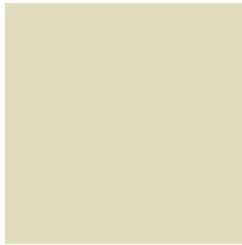
4.0785, 0.1544, 0.0758



0.3985, 0.1616, 0.1016

Previews

White Background



This preview shows how the Yxy color 71.1167, 0.3369, 0.3610 looks on a white background.

Color Contrast Check

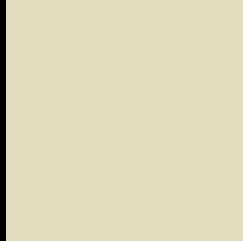
Large Text (above 18pt) WCAG AA × Fail

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 71.1167, 0.3369, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

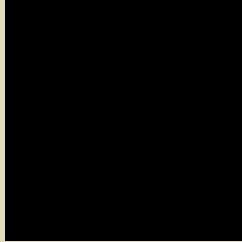
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

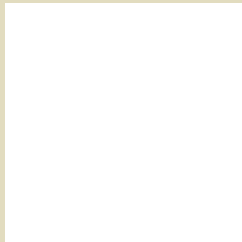
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1167, 0.3369, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 71.1167, 0.3369, 0.3610.



This preview shows how white text looks on a background with the Yxy color 71.1167, 0.3369, 0.3610.

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

71.1167, 0.3369, 0.3610

Protanopia

71.2037, 0.3408, 0.3608

Deuteranopia

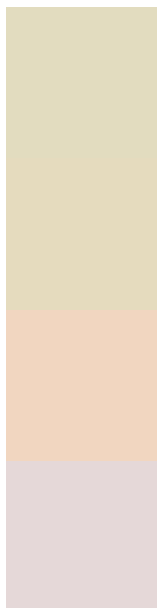
70.7628, 0.3557, 0.3479



Tritanopia

70.8516, 0.3136, 0.3110

Trichromacy



Original Color

71.1167, 0.3369, 0.3610

Protanomaly

71.0388, 0.3400, 0.3608

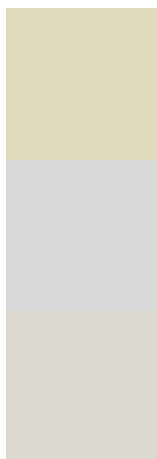
Deuteranomaly

70.5997, 0.3487, 0.3526

Tritanomaly

70.7276, 0.3222, 0.3290

Monochromacy



Original Color

71.1167, 0.3369, 0.3610

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5893, 0.3216, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1167, 0.3369, 0.3610 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, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 191)  
}
```

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, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 191) }
```

Border

The CSS property to change the border of an element to Yxy 71.1167, 0.3369, 0.3610 is called "border". The border property can be set on classes, ids or directly on the HTML element.

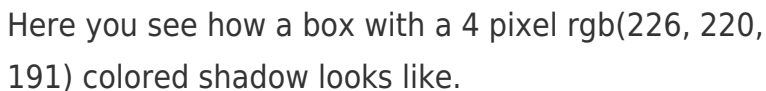
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 220, 191) }
```

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

```
.border{ border-color:rgb(226, 220, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 220, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 220, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 220, 191); box-shadow:4px 4px 4px 4px rgb(226, 220, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1167, 0.3369, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 191) }
```

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

```
.background{ background-color: rgb(226,  
220, 191) }
```

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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