

Converting Colors

$Yxy(71.2003, 0.3444, 0.3682)$

Have a look what the booklet for
Yxy(71.2003, 0.3444, 0.3682)
contains.

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Color

Yxy(71.3051, 0.3440, 0.3686)

Conversions

Conversions Part 1

Format	Color
Hex	E5DCB8
RGB	229, 220, 184
RGB Percent	90%, 86%, 72%
CMY	0.1021, 0.1372, 0.2785
CMYK	0.00, 0.04, 0.20, 0.10
HSL	48°, 46%, 81%
HSV	48°, 20%, 90%
XYZ	66.5463, 71.3051, 55.5971
YIQ	218.5870, 16.9200, -9.2880

Conversions

Conversions Part 2

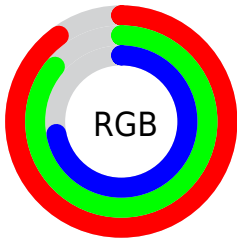
Format	Color
RYB	195, 229, 184
Decimal	15064248
CIELab	87.63, -2.71, 18.82
CIELCh	88, 19.017, 98.200
Yxy	71.3051, 0.3440, 0.3686
Android (android.graphics.Color)	4293254328 (0xFFE5DCB8)
YUV	218.5870, -17.0514, 9.1322
Hunter-Lab	84.4423, -7.1041, 20.0729

Details

The Yxy color **71.3051, 0.3440, 0.3686** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.9504, 0.2807, 0.2860**, and the grayscale version is **70.6464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **37.4332, 0.3511, 0.3778** is the 20% darker color. If you saturate the color by 10%, you get **68.0687, 0.3613, 0.3894**, and if you desaturate by 10%, it is **74.7683, 0.3275, 0.3481**.

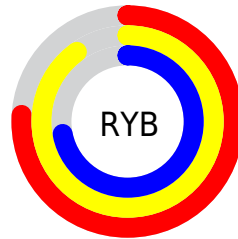
Distribution



Red (90%)

Green (86%)

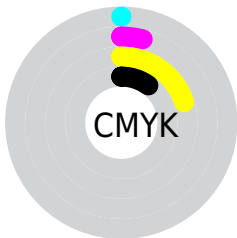
Blue (72%)



Red (76%)

Yellow (90%)

Blue (72%)

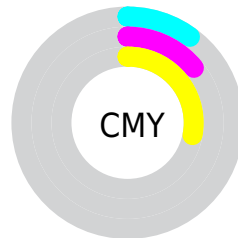


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (10%)



Cyan (10%)


Magenta (14%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3051, 0.3440, 0.3686 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 71.3051, 0.3440, 0.3686 by changing the saturation by 10% instead.


 71.3051, 0.3440,
0.3686

 71.3051, 0.3440,
0.3686

465.1193, 0.3296,
0.3501

 52.5912, 0.3473,
0.3728

 121.0681, 0.3390,
0.3622

 37.4765, 0.3513,
0.3781


152.8859, 0.3371,
0.3597

 25.5767, 0.3564,
0.3847


189.8405, 0.3354,
0.3575

 16.5072, 0.3630,
0.3934

232.3164, 0.3339,
0.3557

 9.8838, 0.3718,
0.4053

280.6978, 0.3326,
0.3540

 5.3220, 0.3841,
0.4221

335.3691, 0.3315,

 2.4374, 0.4027,

0.3526

0.4484

396.7148, 0.3305,
0.3513

0.8450, 0.4658,
0.5342

0.0000, 0.0000,
0.0000

71.3051, 0.3440,
0.3686

71.3051, 0.3440,
0.3686

68.0687, 0.3613,
0.3894

74.7683, 0.3275,
0.3481

65.0415, 0.3791,
0.4098

78.4561, 0.3122,
0.3283

62.2181, 0.3968,
0.4289

82.3788, 0.2981,
0.3096

59.5892, 0.4138,
0.4456

85.1464, 0.2968,
0.3120

■ 57.1443, 0.4291,
0.4590

■ 87.8322, 0.2968,
0.3166

■ 54.8717, 0.4421,
0.4682

■ 90.5854, 0.2969,
0.3213

■ 52.7575, 0.4523,
0.4727

■ 93.4065, 0.2969,
0.3258

■ 50.7790, 0.4598,
0.4729

■ 95.3906, 0.2969,
0.3290

■ 50.7092, 0.4600,
0.4729

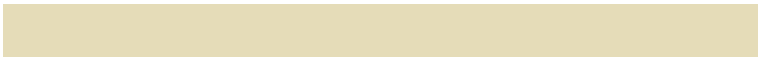
Harmonies

Analogous

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



71.3051, 0.3567, 0.3580



71.3051, 0.3440, 0.3686



71.3051, 0.3231, 0.3683

Triad

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



71.3051, 0.3440, 0.3686



71.3051, 0.2702, 0.3148



71.3051, 0.3244, 0.3039

Complementary

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



71.3051, 0.3440, 0.3686



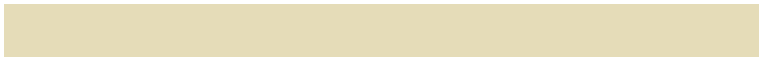
53.9504, 0.2807, 0.2860

Split Complementary

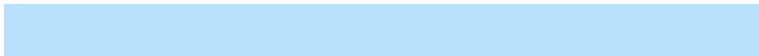
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3051, 0.3011, 0.2930



71.3051, 0.3440, 0.3686



71.3051, 0.2704, 0.2984

Square

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



71.3051, 0.3440, 0.3686



71.3051, 0.2808, 0.3362



71.3051, 0.2815, 0.2908



71.3051, 0.3453, 0.3210

Rectangle

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



71.3051, 0.3440, 0.3686



71.3051, 0.3076, 0.3614



71.3051, 0.2815, 0.2908



71.3051, 0.3166, 0.2994

Sweetspot

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



71.3083, 0.3440, 0.3686



97.1292, 0.3219, 0.3408



54.7772, 0.3439, 0.3190



20.7241, 0.3229, 0.3422



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.



71.3083, 0.3440, 0.3686



89.1516, 0.3517, 0.3780



73.9917, 0.3324, 0.3794



16.3051, 0.3272, 0.3477



29.1793, 0.4593, 0.4735



2.2805, 0.4524, 0.4790

Inverse Universe

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



53.9504, 0.2807, 0.2860



62.7862, 0.2726, 0.2747



51.8669, 0.2902, 0.2766



14.3485, 0.2980, 0.3096



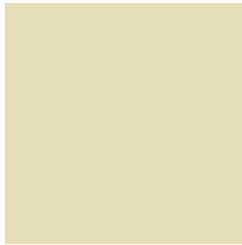
4.4642, 0.1555, 0.0798



0.4590, 0.1627, 0.1055

Previews

White Background



This preview shows how the Yxy color 71.3051, 0.3440, 0.3686 looks on a white background.

Color Contrast Check

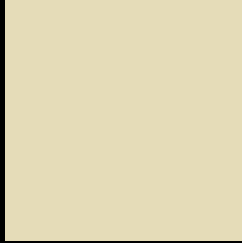
Large Text (above 18pt) WCAG AA × Fail

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 71.3051, 0.3440, 0.3686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

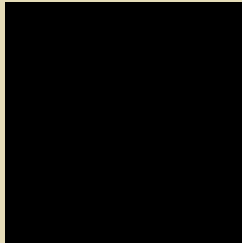
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

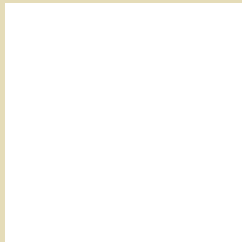
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3051, 0.3440, 0.3686

Background



This preview shows how black text looks on a background with the Yxy color 71.3051, 0.3440, 0.3686.

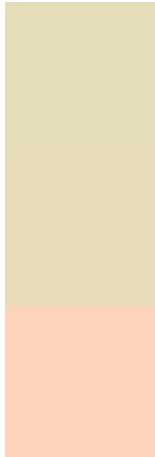


This preview shows how white text looks on a background with the Yxy color 71.3051, 0.3440, 0.3686.

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

71.3051, 0.3440, 0.3686

Protanopia

71.2795, 0.3465, 0.3672

Deuteranopia

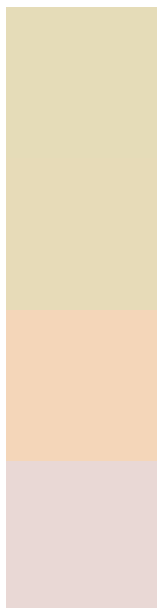
71.0163, 0.3633, 0.3551



Tritanopia

71.4685, 0.3171, 0.3122

Trichromacy



Original Color

71.3051, 0.3440, 0.3686

Protanomaly

71.1127, 0.3458, 0.3673

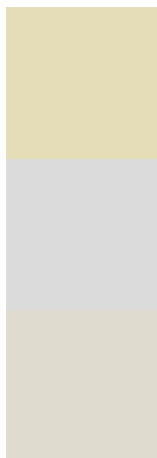
Deuteranomaly

70.8290, 0.3562, 0.3599

Tritanomaly

71.2395, 0.3273, 0.3323

Monochromacy



Original Color

71.3051, 0.3440, 0.3686

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.8072, 0.3244, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3051, 0.3440, 0.3686 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(229, 220, 184)` looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 184)  
}
```

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(229, 220, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 184) }
```

Border

The CSS property to change the border of an element to Yxy 71.3051, 0.3440, 0.3686 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(229, 220, 184) }
```

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

```
.border{ border-color:rgb(229, 220, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 220, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 184);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3051, 0.3440, 0.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 184) }
```

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

```
.background{ background-color: rgb(229,  
220, 184) }
```

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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