

Converting Colors

$Yxy(71.5354, 0.3450, 0.3652)$

Have a look what the booklet for
Yxy(71.5354, 0.3450, 0.3652)
contains.

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Color

Yxy(71.3640, 0.3451, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	E8DBBA
RGB	232, 219, 186
RGB Percent	91%, 86%, 73%
CMY	0.0902, 0.1412, 0.2705
CMYK	0.00, 0.06, 0.20, 0.09
HSL	43°, 50%, 82%
HSV	43°, 20%, 91%
XYZ	67.4732, 71.3640, 56.6806
YIQ	219.1250, 18.3410, -7.5070

Conversions

Conversions Part 2

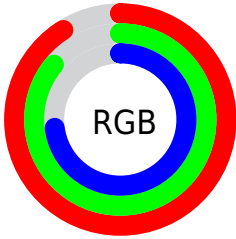
Format	Color
RYB	204, 232, 186
Decimal	15260602
CIELab	87.66, -0.78, 17.84
CIELCh	88, 17.857, 92.514
Yxy	71.3640, 0.3451, 0.3650
Android (android.graphics.Color)	4293450682 (0xFFE8DBBA)
YUV	219.1250, -16.3306, 11.2914
Hunter-Lab	84.4772, -5.2646, 19.3530

Details

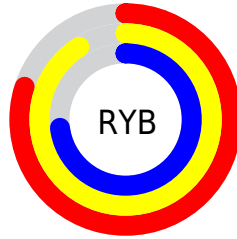
The Yxy color **71.3640, 0.3451, 0.3650** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.1164, 0.2807, 0.2902**, and the grayscale version is **71.0377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **37.4745, 0.3526, 0.3731** is the 20% darker color. If you saturate the color by 10%, you get **67.1062, 0.3634, 0.3839**, and if you desaturate by 10%, it is **75.9231, 0.3281, 0.3465**.

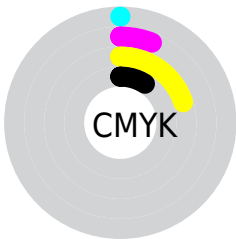
Distribution



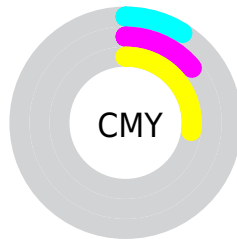
- Red (91%)
- Green (86%)
- Blue (73%)



- Red (80%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (9%)




- Cyan (9%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3640, 0.3451, 0.3650 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 71.3640, 0.3451, 0.3650 by changing the saturation by 10% instead.

 71.3640, 0.3451,
0.3650

 71.3640, 0.3451,
0.3650

465.3249, 0.3301,
0.3483

 52.6393, 0.3485,
0.3688


 121.1519, 0.3399,
0.3592

 37.5149, 0.3527,
0.3735


152.9838, 0.3379,
0.3569

 25.6064, 0.3581,
0.3795


189.9537, 0.3361,
0.3550

 16.5294, 0.3650,
0.3873

232.4458, 0.3346,
0.3533

 9.8996, 0.3743,
0.3979

280.8446, 0.3333,
0.3518

 5.3324, 0.3875,
0.4128

335.5344, 0.3321,

 2.4436, 0.4073,

0.3505

0.4355

396.8997, 0.3310,
0.3493

0.8482, 0.4813,
0.5187

0.0000, 0.0000,
0.0000

71.3640, 0.3451,
0.3650

71.3640, 0.3451,
0.3650

67.1062, 0.3634,
0.3839

75.9231, 0.3281,
0.3465

63.1308, 0.3827,
0.4025

80.7825, 0.3124,
0.3287

59.4311, 0.4025,
0.4200

85.9141, 0.2987,
0.3126

55.9964, 0.4220,
0.4353

89.8145, 0.2987,
0.3192

■ 52.8148, 0.4404,
0.4474

■ 93.8556, 0.2987,
0.3258

■ 49.8731, 0.4567,
0.4551

■ 95.8951, 0.2987,
0.3290

■ 47.1556, 0.4702,
0.4580

■ 44.6375, 0.4807,
0.4564

■ 44.5934, 0.4809,
0.4563

Harmonies

Analogous

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



71.3640, 0.3550, 0.3536



71.3640, 0.3451, 0.3650



71.3640, 0.3266, 0.3667

Triad

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



71.3640, 0.3451, 0.3650



71.3640, 0.2739, 0.3193



71.3640, 0.3196, 0.3029

Complementary

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



71.3640, 0.3451, 0.3650



57.1164, 0.2807, 0.2902

Split Complementary

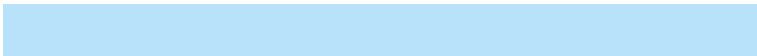
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3640, 0.2979, 0.2940



71.3640, 0.3451, 0.3650



71.3640, 0.2721, 0.3027

Square

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



71.3640, 0.3451, 0.3650



71.3640, 0.2857, 0.3396



71.3640, 0.2807, 0.2938



71.3640, 0.3400, 0.3181

Rectangle

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



71.3640, 0.3451, 0.3650



71.3640, 0.3121, 0.3617



71.3640, 0.2807, 0.2938



71.3640, 0.3122, 0.2991

Sweetspot

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



71.3672, 0.3451, 0.3650



96.3266, 0.3220, 0.3396



56.4051, 0.3411, 0.3146



20.5341, 0.3230, 0.3408



0.0000, 0.0000, 0.0000



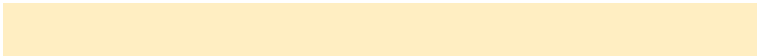
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3672, 0.3451, 0.3650



86.1267, 0.3528, 0.3731



76.7916, 0.3353, 0.3795



16.0928, 0.3275, 0.3458



24.9815, 0.4797, 0.4573



2.0017, 0.4688, 0.4659

Inverse Universe

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



57.1164, 0.2807, 0.2902



65.2959, 0.2731, 0.2806



52.6833, 0.2871, 0.2756



14.5468, 0.2981, 0.3116



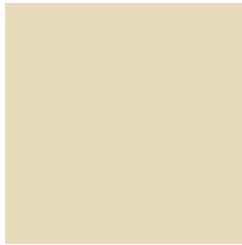
5.5524, 0.1600, 0.0961



0.5642, 0.1680, 0.1247

Previews

White Background



This preview shows how the Yxy color 71.3640, 0.3451, 0.3650 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 71.3640, 0.3451, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

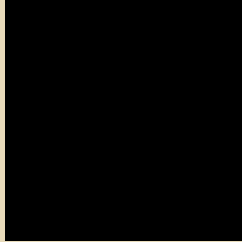
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

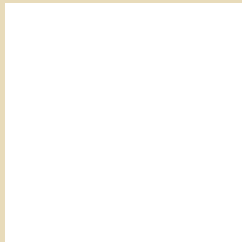
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3640, 0.3451, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 71.3640, 0.3451, 0.3650.

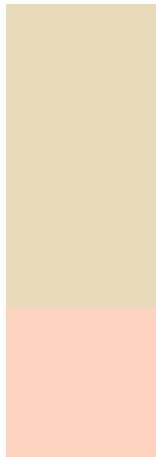


This preview shows how white text looks on a background with the Yxy color 71.3640, 0.3451, 0.3650.

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

71.3640, 0.3451, 0.3650

Protanopia

71.1971, 0.3443, 0.3651

Deuteranopia

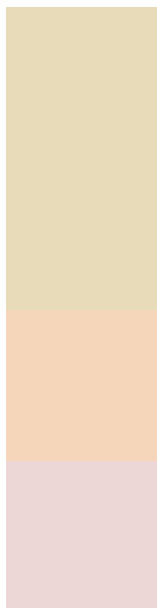
70.9148, 0.3610, 0.3530



Tritanopia

71.4788, 0.3194, 0.3113

Trichromacy



Original Color

71.3640, 0.3451, 0.3650

Protanomaly

71.1971, 0.3443, 0.3651

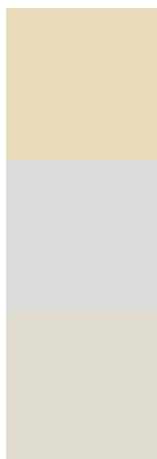
Deuteranomaly

71.0935, 0.3555, 0.3577

Tritanomaly

71.2888, 0.3289, 0.3301

Monochromacy



Original Color

71.3640, 0.3451, 0.3650

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0153, 0.3244, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3640, 0.3451, 0.3650 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(232, 219, 186)` looks like.

```
.text, #text, p{  
    color:rgb(232, 219, 186)  
}
```

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(232, 219, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 219, 186) }
```

Border

The CSS property to change the border of an element to Yxy 71.3640, 0.3451, 0.3650 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(232, 219, 186) }
```

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

```
.border{ border-color:rgb(232, 219, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 219, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 219, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 219, 186);  
box-shadow:4px 4px 4px 4px rgb(232, 219,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3640, 0.3451, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 219, 186) }
```

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

```
.background{ background-color: rgb(232,  
219, 186) }
```

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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