

Converting Colors

$Y_{xy}(73.5875, 0.3432, 0.3773)$

Have a look what the booklet for
Yxy(73.5875, 0.3432, 0.3773)
contains.

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Color

Yxy(73.5175, 0.3436, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	E3E1B5
RGB	227, 225, 181
RGB Percent	89%, 88%, 71%
CMY	0.1097, 0.1177, 0.2901
CMYK	0.00, 0.01, 0.20, 0.11
HSL	57°, 45%, 80%
HSV	57°, 20%, 89%
XYZ	66.9510, 73.5175, 54.3831
YIQ	220.5820, 15.3160, -13.2600

Conversions

Conversions Part 2

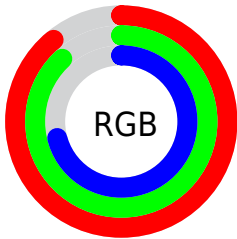
Format	Color
R_{YB}	183, 227, 181
Decimal	14934453
CIE _{Lab}	88.69, -6.39, 21.82
CIE _{LCh}	89, 22.739, 106.313
Yxy	73.5175, 0.3436, 0.3773
Android (android.graphics.Color)	4293124533 (0xFFE3E1B5)
YUV	220.5820, -19.5139, 5.6286
Hunter-Lab	85.7423, -10.6693, 22.4143

Details

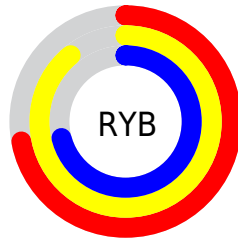
The Yxy color **73.5175, 0.3436, 0.3773** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2564, 0.2791, 0.2756**, and the grayscale version is **72.1340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **38.9659, 0.3502, 0.3892** is the 20% darker color. If you saturate the color by 10%, you get **72.1238, 0.3592, 0.4014**, and if you desaturate by 10%, it is **75.0728, 0.3281, 0.3531**.

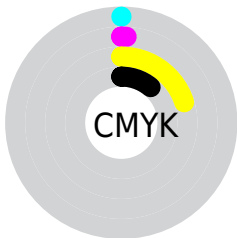
Distribution



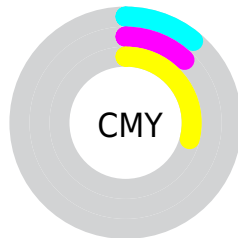
- Red (89%)
- Green (88%)
- Blue (71%)



- Red (72%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5175, 0.3436, 0.3773 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 73.5175, 0.3436, 0.3773 by changing the saturation by 10% instead.


 73.5175, 0.3436,
0.3773

 73.5175, 0.3436,
0.3773

472.8064, 0.3295,
0.3547

 54.3992, 0.3467,
0.3825

 124.2116, 0.3388,
0.3694

 38.9209, 0.3506,
0.3889


156.5562, 0.3369,
0.3664

 26.6982, 0.3553,
0.3970


194.0784, 0.3352,
0.3638

 17.3467, 0.3614,
0.4076

237.1625, 0.3338,
0.3615

 10.4820, 0.3694,
0.4220

286.1930, 0.3326,
0.3595

 5.7197, 0.3801,
0.4425

341.5542, 0.3314,

 2.6754, 0.3960,

0.3577

0.4749

403.6305, 0.3304,
0.3562

■ 0.9647, 0.4403,
0.5597

■ 0.0000, 0.0000,
0.0000

■ 73.5175, 0.3436,
0.3773

■ 73.5175, 0.3436,
0.3773

■ 72.1238, 0.3592,
0.4014

■ 75.0728, 0.3281,
0.3531

■ 70.8745, 0.3744,
0.4247

■ 76.7867, 0.3131,
0.3296

■ 69.7650, 0.3886,
0.4461

■ 78.6689, 0.2989,
0.3072

■ 68.7864, 0.4012,
0.4646

■ 79.5942, 0.2954,
0.3024

■ 67.9291, 0.4116,
0.4795

■ 80.1496, 0.2954,
0.3034

■ 67.1819, 0.4194,
0.4901

■ 80.7083, 0.2954,
0.3045

■ 66.5317, 0.4245,
0.4964

■ 81.2702, 0.2954,
0.3055

■ 65.9697, 0.4273,
0.4989

■ 81.8353, 0.2955,
0.3065

■ 82.4036, 0.2955,
0.3076

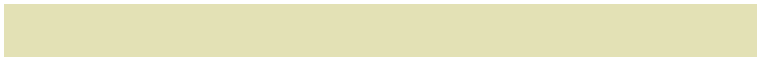
Harmonies

Analogous

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



73.5175, 0.3620, 0.3675



73.5175, 0.3436, 0.3773



73.5175, 0.3174, 0.3733

Triad

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



73.5175, 0.3436, 0.3773



73.5175, 0.2614, 0.3059



73.5175, 0.3338, 0.3043

Complementary

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



73.5175, 0.3436, 0.3773



49.2564, 0.2791, 0.2756

Split Complementary

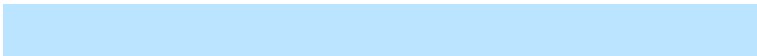
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5175, 0.3061, 0.2893



73.5175, 0.3436, 0.3773



73.5175, 0.2653, 0.2893

Square

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



73.5175, 0.3436, 0.3773



73.5175, 0.2705, 0.3303



73.5175, 0.2813, 0.2837



73.5175, 0.3564, 0.3255

Rectangle

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



73.5175, 0.3436, 0.3773



73.5175, 0.2992, 0.3628



73.5175, 0.2813, 0.2837



73.5175, 0.3248, 0.2984

Sweetspot

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



73.5208, 0.3436, 0.3773



98.6238, 0.3217, 0.3431



52.8197, 0.3510, 0.3265



21.0785, 0.3227, 0.3446



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.



73.5208, 0.3436, 0.3773



94.9567, 0.3497, 0.3867



71.4566, 0.3280, 0.3819



16.7025, 0.3269, 0.3512



38.5107, 0.4272, 0.4990



2.8797, 0.4259, 0.5000

Inverse Universe

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



49.2564, 0.2791, 0.2756



58.3678, 0.2717, 0.2639



51.1174, 0.2948, 0.2756



13.9885, 0.2980, 0.3058



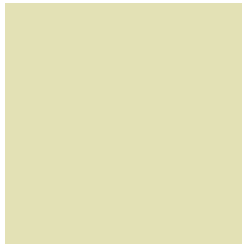
3.4053, 0.1508, 0.0628



0.2878, 0.1530, 0.0708

Previews

White Background



This preview shows how the Yxy color 73.5175, 0.3436, 0.3773 looks on a white background.

Color Contrast Check

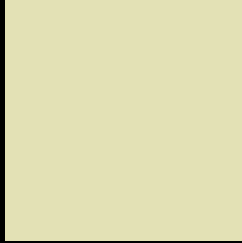
Large Text (above 18pt) WCAG AA × Fail

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 73.5175, 0.3436, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

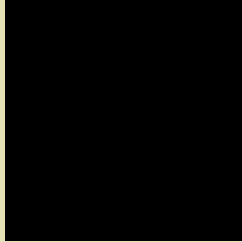
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

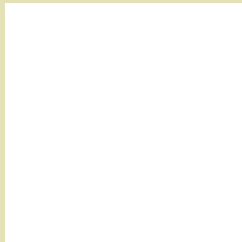
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5175, 0.3436, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 73.5175, 0.3436, 0.3773.



This preview shows how white text looks on a background with the Yxy color 73.5175, 0.3436, 0.3773.

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

73.5175, 0.3436, 0.3773

Protanopia

73.3707, 0.3517, 0.3743

Deuteranopia

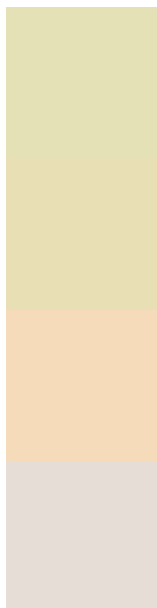
73.4487, 0.3631, 0.3579



Tritanopia

73.6334, 0.3128, 0.3113

Trichromacy



Original Color

73.5175, 0.3436, 0.3773

Protanomaly

73.3943, 0.3492, 0.3757

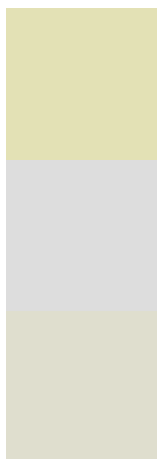
Deuteranomaly

73.5783, 0.3558, 0.3649

Tritanomaly

73.6081, 0.3239, 0.3354

Monochromacy



Original Color

73.5175, 0.3436, 0.3773

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3868, 0.3241, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5175, 0.3436, 0.3773 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, 225, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 181)  
}
```

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, 225, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 181) }
```

Border

The CSS property to change the border of an element to Yxy 73.5175, 0.3436, 0.3773 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, 225, 181) }
```

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

```
.border{ border-color:rgb(227, 225, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 225, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 225, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 225, 181); box-shadow:4px 4px 4px 4px rgb(227, 225, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5175, 0.3436, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 181) }
```

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

```
.background{ background-color: rgb(227,  
225, 181) }
```

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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