

Converting Colors

$Yxy(73.8136, 0.3474, 0.3867)$

Have a look what the booklet for
Yxy(73.8136, 0.3474, 0.3867)
contains.

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Color

Yxy(73.6175, 0.3474, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	E2E2AE
RGB	226, 226, 174
RGB Percent	89%, 89%, 68%
CMY	0.1136, 0.1137, 0.3178
CMYK	0.00, 0.00, 0.23, 0.11
HSL	60°, 47%, 78%
HSV	60°, 23%, 89%
XYZ	66.2043, 73.6175, 50.7490
YIQ	220.0720, 16.6920, -16.1720

Conversions

Conversions Part 2

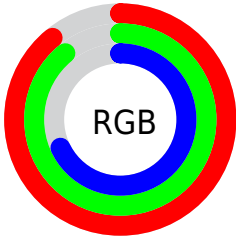
Format	Color
RYB	174, 226, 174
Decimal	14869166
CIELab	88.74, -8.25, 25.52
CIELCh	89, 26.822, 107.917
Yxy	73.6175, 0.3474, 0.3863
Android (android.graphics.Color)	4293059246 (0xFFE2E2AE)
YUV	220.0720, -22.7135, 5.1989
Hunter-Lab	85.8006, -12.4194, 24.9918

Details

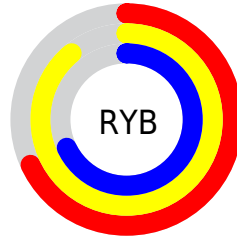
The Yxy color **73.6175, 0.3474, 0.3863** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.7596, 0.2737, 0.2645**, and the grayscale version is **71.7788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **39.0523, 0.3550, 0.4008** is the 20% darker color. If you saturate the color by 10%, you get **72.8058, 0.3624, 0.4111**, and if you desaturate by 10%, it is **74.5841, 0.3322, 0.3611**.

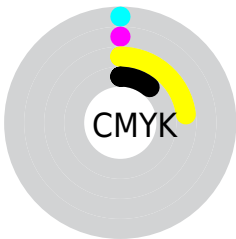
Distribution



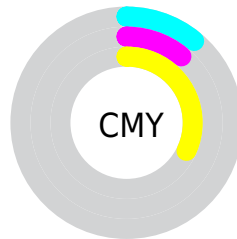
- Red (89%)
- Green (89%)
- Blue (68%)



- Red (68%)
- Yellow (89%)
- Blue (68%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)





- Cyan (11%)
- Magenta (11%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6175, 0.3474, 0.3863 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 73.6175, 0.3474, 0.3863 by changing the saturation by 10% instead.


 73.6175, 0.3474,
0.3863

 73.6175, 0.3474,
0.3863

473.1522, 0.3317,
0.3595

 54.4810, 0.3509,
0.3925


 124.3534, 0.3421,
0.3770

 38.9864, 0.3551,
0.4001


156.7217, 0.3399,
0.3733

 26.7491, 0.3602,
0.4097

194.2693, 0.3381,
0.3702

 17.3849, 0.3668,
0.4222

237.3808, 0.3365,
0.3675

 10.5093, 0.3751,
0.4392

286.4404, 0.3351,
0.3651

 5.7379, 0.3860,
0.4630

341.8325, 0.3338,

 2.6864, 0.4053,

0.3630

403.9417, 0.3327,
0.3612

0.5054

0.9703, 0.4254,
0.5746

0.0000, 0.0000,
0.0000

73.6175, 0.3474,
0.3863

73.6175, 0.3474,
0.3863

72.8058, 0.3624,
0.4111

74.5841, 0.3322,
0.3611

72.1317, 0.3767,
0.4346


75.7027, 0.3172,
0.3363

71.5904, 0.3895,
0.4559


76.9830, 0.3028,
0.3125


71.1732, 0.4005,
0.4739


77.8119, 0.2947,
0.2992


 70.8699, 0.4090,
0.4880


 77.8184, 0.2947,
0.2993

 70.6692, 0.4149,
0.4978


 77.8249, 0.2947,
0.2993

 70.5571, 0.4182,
0.5032

 77.8314, 0.2947,
0.2993

 70.5159, 0.4194,
0.5052

 77.8379, 0.2947,
0.2993

 77.8444, 0.2947,
0.2993

Harmonies

Analogous

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



73.6175, 0.3699, 0.3750



73.6175, 0.3474, 0.3863



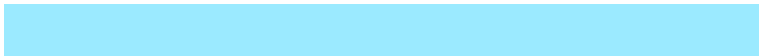
73.6175, 0.3162, 0.3809

Triad

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



73.6175, 0.3474, 0.3863



73.6175, 0.2526, 0.3002



73.6175, 0.3392, 0.3012

Complementary

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



73.6175, 0.3474, 0.3863



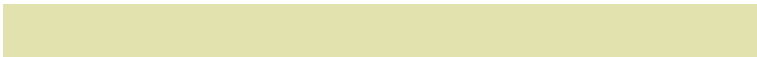
44.7596, 0.2737, 0.2645

Split Complementary

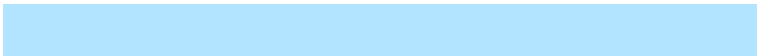
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6175, 0.3065, 0.2833



73.6175, 0.3474, 0.3863



73.6175, 0.2578, 0.2816

Square

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



73.6175, 0.3474, 0.3863



73.6175, 0.2623, 0.3286



73.6175, 0.2770, 0.2761



73.6175, 0.3655, 0.3260

Rectangle

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



73.6175, 0.3474, 0.3863



73.6175, 0.2950, 0.3679



73.6175, 0.2770, 0.2761



73.6175, 0.3285, 0.2943

Sweetspot

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



73.6208, 0.3474, 0.3863



98.8972, 0.3231, 0.3462



49.5231, 0.3593, 0.3281



21.1488, 0.3240, 0.3477



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.



73.6208, 0.3474, 0.3863



96.1999, 0.3552, 0.3992



69.8616, 0.3287, 0.3899



16.0283, 0.3267, 0.3521



40.2189, 0.4194, 0.5052



2.7882, 0.4194, 0.5052

Inverse Universe

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



44.7596, 0.2737, 0.2645



51.4917, 0.2635, 0.2476



47.9137, 0.2933, 0.2679



13.2445, 0.2980, 0.3048



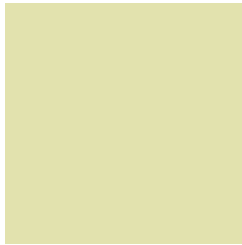
3.1346, 0.1500, 0.0600



0.2177, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 73.6175, 0.3474, 0.3863 looks on a white background.

Color Contrast Check

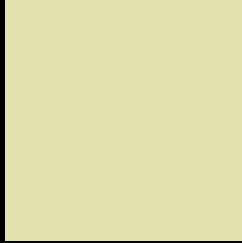
Large Text (above 18pt) WCAG AA × Fail

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 73.6175, 0.3474, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

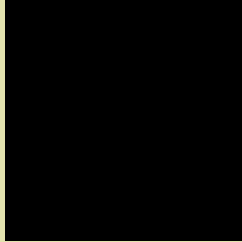
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

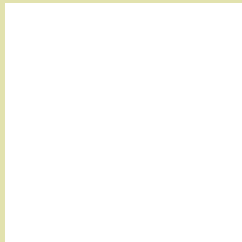
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6175, 0.3474, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 73.6175, 0.3474, 0.3863.

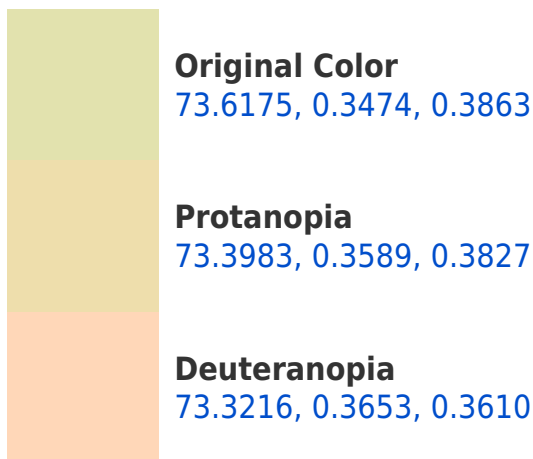


This preview shows how white text looks on a background with the Yxy color 73.6175, 0.3474, 0.3863.

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

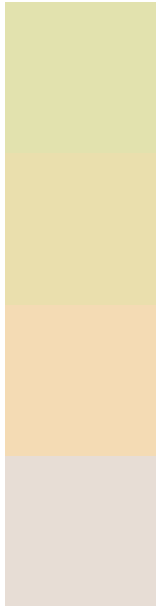




Tritanopia

73.6334, 0.3128, 0.3113

Trichromacy



Original Color

73.6175, 0.3474, 0.3863

Protanomaly

73.2849, 0.3548, 0.3832

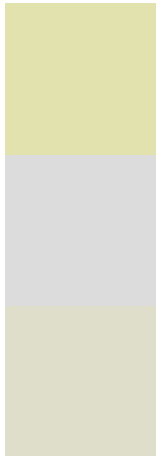
Deuteranomaly

73.1914, 0.3586, 0.3703

Tritanomaly

73.5059, 0.3253, 0.3376

Monochromacy



Original Color

73.6175, 0.3474, 0.3863

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.0839, 0.3254, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6175, 0.3474, 0.3863 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, 226, 174)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 174)  
}
```

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, 226, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 174) }
```

Border

The CSS property to change the border of an element to Yxy 73.6175, 0.3474, 0.3863 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, 226, 174) }
```

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

```
.border{ border-color:rgb(226, 226, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 174);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6175, 0.3474, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 174) }
```

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

```
.background{ background-color: rgb(226,  
226, 174) }
```

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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