

Converting Colors

$Yxy(74.0071, 0.3498, 0.3885)$

Have a look what the booklet for
Yxy(74.0071, 0.3498, 0.3885)
contains.

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Color

Yxy(73.8653, 0.3502, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	E4E2AC
RGB	228, 226, 172
RGB Percent	89%, 89%, 67%
CMY	0.1059, 0.1137, 0.3255
CMYK	0.00, 0.01, 0.25, 0.11
HSL	58°, 51%, 78%
HSV	58°, 25%, 89%
XYZ	66.6348, 73.8653, 49.7763
YIQ	220.4420, 18.5260, -16.3700

Conversions

Conversions Part 2

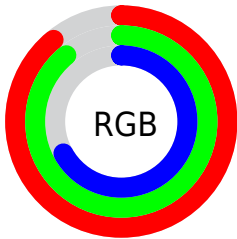
Format	Color
RYB	174, 228, 172
Decimal	15000236
CIELab	88.86, -7.80, 26.72
CIELCh	89, 27.836, 106.271
Yxy	73.8653, 0.3502, 0.3882
Android (android.graphics.Color)	4293190316 (0xFFE4E2AC)
YUV	220.4420, -23.8819, 6.6284
Hunter-Lab	85.9449, -12.0090, 25.8227

Details

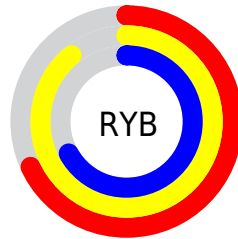
The Yxy color **73.8653, 0.3502, 0.3882** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.6371, 0.2709, 0.2620**, and the grayscale version is **72.0565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **39.2284, 0.3587, 0.4031** is the 20% darker color. If you saturate the color by 10%, you get **72.6293, 0.3656, 0.4122**, and if you desaturate by 10%, it is **75.2602, 0.3347, 0.3638**.

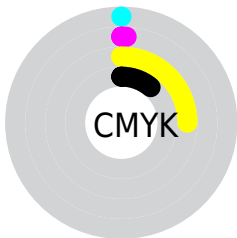
Distribution



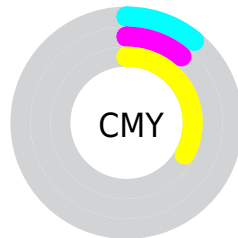
- Red (89%)
- Green (89%)
- Blue (67%)



- Red (68%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (11%)





- Cyan (11%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8653, 0.3502, 0.3882 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 73.8653, 0.3502, 0.3882 by changing the saturation by 10% instead.

 73.8653, 0.3502,
0.3882

 73.8653, 0.3502,
0.3882

474.0083, 0.3333,
0.3606

 54.6838, 0.3539,
0.3945

 124.7048, 0.3444,
0.3786

 39.1486, 0.3585,
0.4023


157.1317, 0.3421,
0.3749

 26.8754, 0.3640,
0.4122


194.7424, 0.3402,
0.3716

 17.4796, 0.3711,
0.4250

237.9214, 0.3384,
0.3689

 10.5770, 0.3800,
0.4422

287.0531, 0.3369,
0.3664

 5.7832, 0.3916,
0.4661

342.5219, 0.3356,

 2.7137, 0.4134,

0.3642

0.5104

404.7122, 0.3343,
0.3623

0.9842, 0.4298,
0.5702

0.0000, 0.0000,
0.0000

73.8653, 0.3502,
0.3882

73.8653, 0.3502,
0.3882

72.6293, 0.3656,
0.4122

75.2602, 0.3347,
0.3638

71.5347, 0.3803,
0.4349

76.8113, 0.3194,
0.3397

70.5765, 0.3937,
0.4554

78.5285, 0.3049,
0.3165

69.7453, 0.4051,
0.4725

79.8786, 0.2960,
0.3027

■ 69.0308, 0.4142,
0.4857

■ 80.3260, 0.2960,
0.3035

■ 68.4210, 0.4206,
0.4945

■ 80.7754, 0.2960,
0.3043

■ 67.9012, 0.4244,
0.4990

■ 81.2269, 0.2961,
0.3052

■ 67.6433, 0.4257,
0.5002

■ 81.6805, 0.2961,
0.3060

■ 82.1362, 0.2961,
0.3069

Harmonies

Analogous

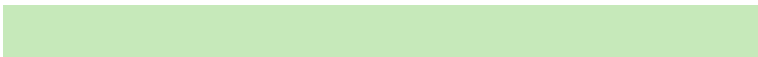
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8653, 0.3729, 0.3756



73.8653, 0.3502, 0.3882



73.8653, 0.3182, 0.3837

Triad

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



73.8653, 0.3502, 0.3882



73.8653, 0.2506, 0.3004



73.8653, 0.3384, 0.2990

Complementary

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



73.8653, 0.3502, 0.3882



44.6371, 0.2709, 0.2620

Split Complementary

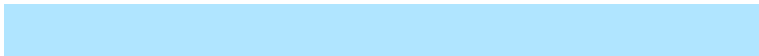
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8653, 0.3044, 0.2811



73.8653, 0.3502, 0.3882



73.8653, 0.2552, 0.2806

Square

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



73.8653, 0.3502, 0.3882



73.8653, 0.2615, 0.3303



73.8653, 0.2743, 0.2742



73.8653, 0.3663, 0.3243

Rectangle

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



73.8653, 0.3502, 0.3882



73.8653, 0.2961, 0.3707



73.8653, 0.2743, 0.2742



73.8653, 0.3272, 0.2920

Sweetspot

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



73.8686, 0.3502, 0.3882



98.5015, 0.3232, 0.3456



49.0861, 0.3616, 0.3259



21.0568, 0.3241, 0.3471



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.



73.8686, 0.3502, 0.3882



94.4627, 0.3574, 0.3994



71.1263, 0.3311, 0.3941



16.7252, 0.3268, 0.3514



39.1032, 0.4256, 0.5003



2.9171, 0.4246, 0.5011

Inverse Universe

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



44.6371, 0.2709, 0.2620



51.1907, 0.2618, 0.2473



47.0043, 0.2903, 0.2632



13.9683, 0.2980, 0.3056



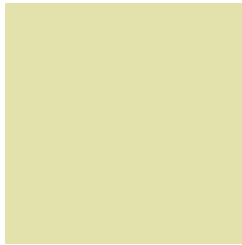
3.3714, 0.1506, 0.0623



0.2781, 0.1524, 0.0687

Previews

White Background



This preview shows how the Yxy color 73.8653, 0.3502, 0.3882 looks on a white background.

Color Contrast Check

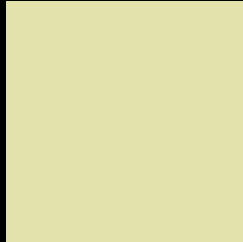
Large Text (above 18pt) WCAG AA × Fail

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 73.8653, 0.3502, 0.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

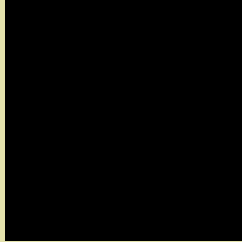
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

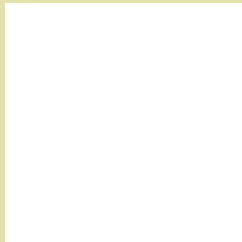
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8653, 0.3502, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 73.8653, 0.3502, 0.3882.



This preview shows how white text looks on a background with the Yxy color 73.8653, 0.3502, 0.3882.

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

73.8653, 0.3502, 0.3882

Protanopia

73.8928, 0.3593, 0.3848

Deuteranopia

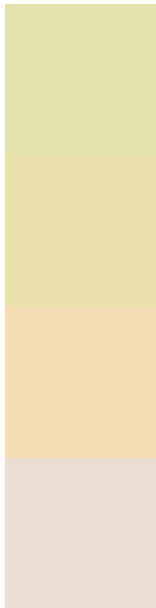
73.8324, 0.3650, 0.3620



Tritanopia

73.9738, 0.3143, 0.3114

Trichromacy



Original Color

73.8653, 0.3502, 0.3882

Protanomaly

73.7440, 0.3560, 0.3864

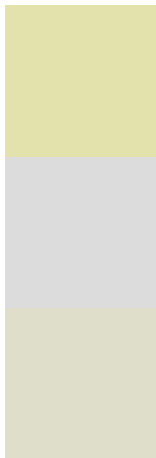
Deuteranomaly

73.8942, 0.3591, 0.3712

Tritanomaly

73.7900, 0.3274, 0.3386

Monochromacy



Original Color

73.8653, 0.3502, 0.3882

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.2423, 0.3261, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8653, 0.3502, 0.3882 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(228, 226, 172)` looks like.

```
.text, #text, p{  
    color:rgb(228, 226, 172)  
}
```

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(228, 226, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 226, 172) }
```

Border

The CSS property to change the border of an element to Yxy 73.8653, 0.3502, 0.3882 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(228, 226, 172) }
```

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

```
.border{ border-color:rgb(228, 226, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 226, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 226, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 226, 172); box-shadow:4px 4px 4px 4px rgb(228, 226, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8653, 0.3502, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 226, 172) }
```

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

```
.background{ background-color: rgb(228,  
226, 172) }
```

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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