

Converting Colors

$Yxy(73.5141, 0.3583, 0.4060)$

Have a look what the booklet for
Yxy(73.5141, 0.3583, 0.4060)
contains.

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Color

Yxy(73.5412, 0.3584, 0.4060)

Conversions

Conversions Part 1

Format	Color
Hex	E2E39D
RGB	226, 227, 157
RGB Percent	89%, 89%, 62%
CMY	0.1137, 0.1098, 0.3843
CMYK	0.00, 0.00, 0.31, 0.11
HSL	61°, 56%, 75%
HSV	61°, 31%, 89%
XYZ	64.9191, 73.5412, 42.6756
YIQ	218.7210, 21.8740, -21.9820

Conversions

Conversions Part 2

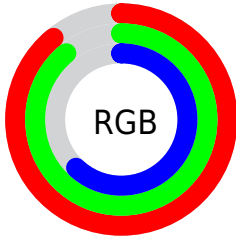
Format	Color
RYB	157, 227, 158
Decimal	14869405
CIELab	88.71, -10.98, 34.16
CIELCh	89, 35.883, 107.822
Yxy	73.5412, 0.3584, 0.4060
Android (android.graphics.Color)	4293059485 (0xFFE2E39D)
YUV	218.7210, -30.4285, 6.3837
Hunter-Lab	85.7562, -14.9452, 30.5243

Details

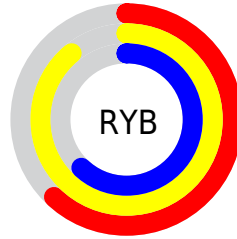
The Yxy color **73.5412, 0.3584, 0.4060** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.9351, 0.2588, 0.2388**, and the grayscale version is **70.8406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **39.0710, 0.3680, 0.4244** is the 20% darker color. If you saturate the color by 10%, you get **72.7870, 0.3726, 0.4301**, and if you desaturate by 10%, it is **74.4462, 0.3435, 0.3809**.

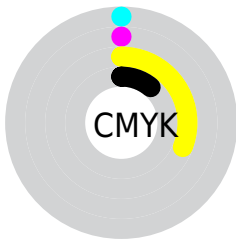
Distribution



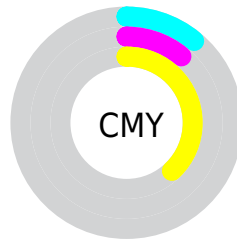
- Red (89%)
- Green (89%)
- Blue (62%)



- Red (62%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5412, 0.3584, 0.4060 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 73.5412, 0.3584, 0.4060 by changing the saturation by 10% instead.

 73.5412, 0.3584,
0.4060

 73.5412, 0.3584,
0.4060


472.8884, 0.3380,
0.3700

 54.4186, 0.3628,
0.4142


 124.2452, 0.3515,
0.3935

 38.9364, 0.3680,
0.4243


 156.5954, 0.3488,
0.3886

 26.7103, 0.3743,
0.4370


194.1236, 0.3464,
0.3844

 17.3558, 0.3819,
0.4533

237.2142, 0.3443,
0.3808

 10.4885, 0.3911,
0.4748

286.2516, 0.3425,
0.3776

 5.7240, 0.4015,
0.5038

341.6202, 0.3409,

 2.6780, 0.4306,

0.3748

0.5694

403.7043, 0.3394,
0.3723

■ 0.9660, 0.4014,
0.5986

■ 0.0000, 0.0000,
0.0000

■ 73.5412, 0.3584,
0.4060

■ 73.5412, 0.3584,
0.4060

■ 72.7870, 0.3726,
0.4301

■ 74.4462, 0.3435,
0.3809

■ 72.1656, 0.3855,
0.4522


■ 75.4995, 0.3286,
0.3557


■ 71.6716, 0.3967,
0.4713


■ 76.7111, 0.3139,
0.3310


■ 71.2952, 0.4055,
0.4866


■ 78.0876, 0.2999,
0.3075


 71.0252, 0.4117,
0.4976


 78.5951, 0.2958,
0.3003


 70.8482, 0.4153,
0.5042

 78.6485, 0.2960,
0.3004

 70.7469, 0.4168,
0.5073

 78.7019, 0.2962,
0.3004

 78.7555, 0.2964,
0.3004

 78.8092, 0.2966,
0.3004

Harmonies

Analogous

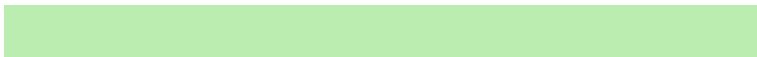
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5412, 0.3890, 0.3893



73.5412, 0.3584, 0.4060



73.5412, 0.3168, 0.3999

Triad

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



73.5412, 0.3584, 0.4060



73.5412, 0.2337, 0.2898



73.5412, 0.3477, 0.2923

Complementary

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



73.5412, 0.3584, 0.4060



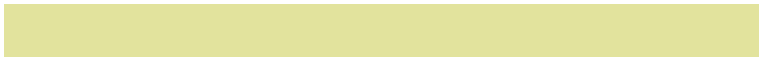
36.9351, 0.2588, 0.2388

Split Complementary

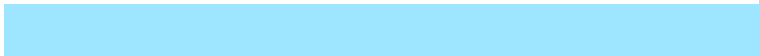
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5412, 0.3039, 0.2692



73.5412, 0.3584, 0.4060



73.5412, 0.2404, 0.2661

Square

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



73.5412, 0.3584, 0.4060



73.5412, 0.2461, 0.3278



73.5412, 0.2651, 0.2595



73.5412, 0.3835, 0.3241

Rectangle

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



73.5412, 0.3584, 0.4060



73.5412, 0.2887, 0.3821



73.5412, 0.2651, 0.2595



73.5412, 0.3333, 0.2834

Sweetspot

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



73.5445, 0.3584, 0.4060



98.5465, 0.3259, 0.3512



42.8843, 0.3825, 0.3292



21.0462, 0.3281, 0.3549



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.



73.5445, 0.3584, 0.4060



95.0843, 0.3676, 0.4216



68.5836, 0.3329, 0.4129



16.8061, 0.3265, 0.3522



41.2623, 0.4168, 0.5072



3.0525, 0.4172, 0.5069

Inverse Universe

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



36.9351, 0.2588, 0.2388



40.2698, 0.2455, 0.2166



40.8717, 0.2861, 0.2453



13.8970, 0.2982, 0.3047



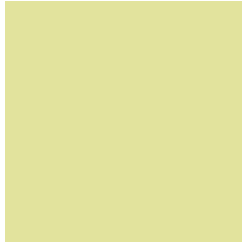
3.2511, 0.1505, 0.0603



0.2438, 0.1518, 0.0610

Previews

White Background



This preview shows how the Yxy color 73.5412, 0.3584, 0.4060 looks on a white background.

Color Contrast Check

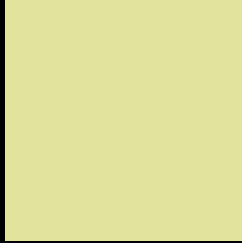
Large Text (above 18pt) WCAG AA × Fail

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 73.5412, 0.3584, 0.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

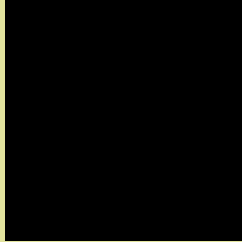
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

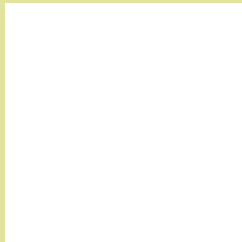
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5412, 0.3584, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 73.5412, 0.3584, 0.4060.



This preview shows how white text looks on a background with the Yxy color 73.5412, 0.3584, 0.4060.

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

73.5412, 0.3584, 0.4060

Protanopia

73.1344, 0.3721, 0.4004

Deuteranopia

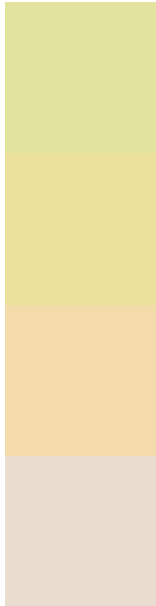
73.0352, 0.3705, 0.3682



Tritanopia

73.2284, 0.3143, 0.3113

Trichromacy



Original Color

73.5412, 0.3584, 0.4060

Protanomaly

73.3738, 0.3669, 0.4023

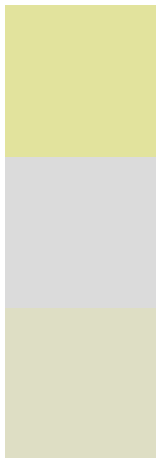
Deuteranomaly

72.7984, 0.3658, 0.3810

Tritanomaly

73.3249, 0.3308, 0.3452

Monochromacy



Original Color

73.5412, 0.3584, 0.4060

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.7577, 0.3301, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5412, 0.3584, 0.4060 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, 227, 157)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 157)  
}
```

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, 227, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 157) }
```

Border

The CSS property to change the border of an element to Yxy 73.5412, 0.3584, 0.4060 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, 227, 157) }
```

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

```
.border{ border-color:rgb(226, 227, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 227, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 227, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 227, 157); box-shadow:4px 4px 4px 4px rgb(226, 227, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5412, 0.3584, 0.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 157) }
```

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

```
.background{ background-color: rgb(226,  
227, 157) }
```

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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