

Converting Colors

Yxy(74.6143, 0.3431, 0.3808)

Have a look what the booklet for
Yxy(74.6143, 0.3431, 0.3808)
contains.

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Color

Yxy(74.4022, 0.3431, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	E2E3B4
RGB	226, 227, 180
RGB Percent	89%, 89%, 71%
CMY	0.1137, 0.1098, 0.2941
CMYK	0.00, 0.00, 0.21, 0.11
HSL	61°, 46%, 80%
HSV	61°, 21%, 89%
XYZ	67.0715, 74.4022, 54.0129
YIQ	221.3430, 14.4910, -14.8290

Conversions

Conversions Part 2

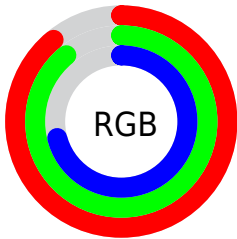
Format	Color
RYB	180, 227, 181
Decimal	14869428
CIELab	89.11, -7.92, 22.91
CIELCh	89, 24.237, 109.081
Yxy	74.4022, 0.3431, 0.3806
Android (android.graphics.Color)	4293059508 (0xFFE2E3B4)
YUV	221.3430, -20.3821, 4.0842
Hunter-Lab	86.2567, -12.1513, 23.2530

Details

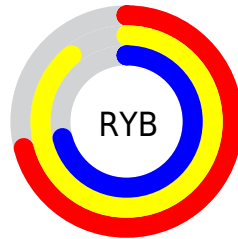
The Yxy color **74.4022, 0.3431, 0.3806** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.0216, 0.2789, 0.2719**, and the grayscale version is **72.7005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **39.5834, 0.3495, 0.3934** is the 20% darker color. If you saturate the color by 10%, you get **73.4760, 0.3578, 0.4058**, and if you desaturate by 10%, it is **75.4868, 0.3283, 0.3553**.

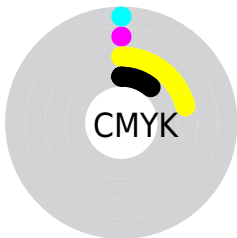
Distribution



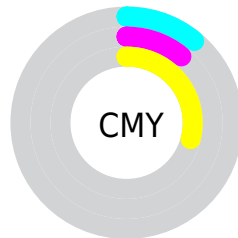
- Red (89%)
- Green (89%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4022, 0.3431, 0.3806 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 74.4022, 0.3431, 0.3806 by changing the saturation by 10% instead.

 74.4022, 0.3431,
0.3806

 74.4022, 0.3431,
0.3806

475.8603, 0.3294,
0.3565

 55.1233, 0.3461,
0.3861


 125.4658, 0.3384,
0.3722

 39.5004, 0.3498,
0.3930

158.0193, 0.3366,
0.3690

 27.1493, 0.3544,
0.4017


195.7664, 0.3350,
0.3661

 17.6854, 0.3602,
0.4130

239.0915, 0.3336,
0.3637

 10.7243, 0.3677,
0.4284

288.3791, 0.3323,
0.3616

 5.8818, 0.3777,
0.4502

344.0135, 0.3312,

 2.7733, 0.3922,

0.3597

0.4849

406.3791, 0.3302,
0.3580

■ 1.0146, 0.4300,
0.5700

■ 0.0000, 0.0000,
0.0000

■ 74.4022, 0.3431,
0.3806

■ 74.4022, 0.3431,
0.3806

■ 73.4760, 0.3578,
0.4058

■ 75.4868, 0.3283,
0.3553

■ 72.6908, 0.3719,
0.4300


■ 76.7267, 0.3137,
0.3307

■ 72.0420, 0.3847,
0.4522


■ 78.1317, 0.2998,
0.3072

■ 71.5209, 0.3958,
0.4715

■ 78.6467, 0.2960,
0.3004


 71.1177, 0.4045,
0.4870


 78.7266, 0.2963,
0.3004

 70.8211, 0.4106,
0.4982


 78.8066, 0.2966,
0.3004

 70.6178, 0.4142,
0.5051

 78.8869, 0.2969,
0.3004

 70.4915, 0.4156,
0.5082

 78.9675, 0.2972,
0.3005

 79.0482, 0.2976,
0.3005

Harmonies

Analogous

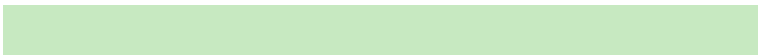
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4022, 0.3637, 0.3713



74.4022, 0.3431, 0.3806



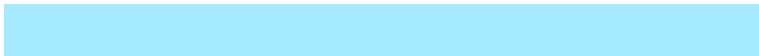
74.4022, 0.3149, 0.3750

Triad

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



74.4022, 0.3431, 0.3806



74.4022, 0.2582, 0.3023



74.4022, 0.3377, 0.3047

Complementary

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



74.4022, 0.3431, 0.3806



48.0216, 0.2789, 0.2719

Split Complementary

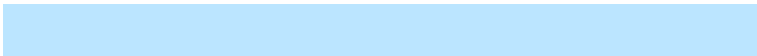
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4022, 0.3084, 0.2881



74.4022, 0.3431, 0.3806



74.4022, 0.2635, 0.2858

Square

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



74.4022, 0.3431, 0.3806



74.4022, 0.2666, 0.3277



74.4022, 0.2815, 0.2811



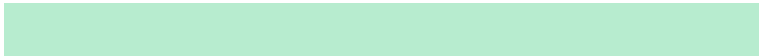
74.4022, 0.3608, 0.3274

Rectangle

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



74.4022, 0.3431, 0.3806



74.4022, 0.2958, 0.3630



74.4022, 0.2815, 0.2811



74.4022, 0.3282, 0.2983

Sweetspot

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



74.4055, 0.3431, 0.3806



98.9912, 0.3214, 0.3437



52.5934, 0.3539, 0.3300



21.1657, 0.3224, 0.3454



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.



74.4055, 0.3431, 0.3806



96.2938, 0.3497, 0.3919



70.8956, 0.3260, 0.3835



16.8006, 0.3264, 0.3522



41.1155, 0.4156, 0.5082



3.0433, 0.4162, 0.5077

Inverse Universe

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



48.0216, 0.2789, 0.2719



55.8782, 0.2704, 0.2577



51.0738, 0.2968, 0.2748



13.9019, 0.2983, 0.3047



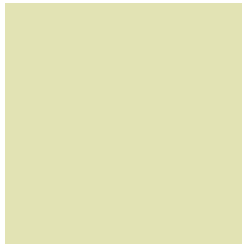
3.2592, 0.1507, 0.0604



0.2461, 0.1526, 0.0615

Previews

White Background



This preview shows how the Yxy color 74.4022, 0.3431, 0.3806 looks on a white background.

Color Contrast Check

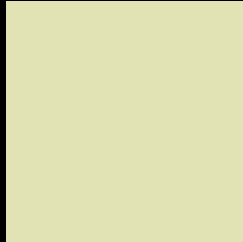
Large Text (above 18pt) WCAG AA × Fail

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 74.4022, 0.3431, 0.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

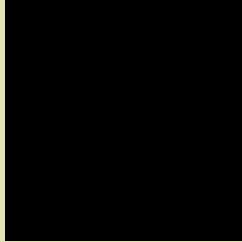
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

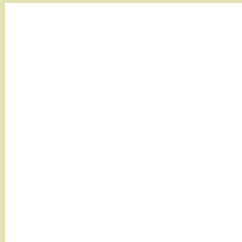
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4022, 0.3431, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 74.4022, 0.3431, 0.3806.



This preview shows how white text looks on a background with the Yxy color 74.4022, 0.3431, 0.3806.

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

74.4022, 0.3431, 0.3806

Protanopia

74.1668, 0.3544, 0.3772

Deuteranopia

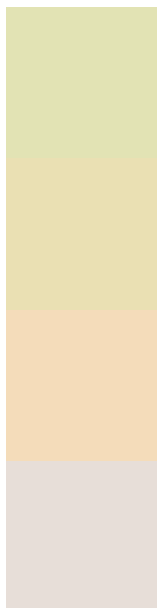
74.0459, 0.3613, 0.3568



Tritanopia

74.2699, 0.3115, 0.3103

Trichromacy



Original Color

74.4022, 0.3431, 0.3806

Protanomaly

74.0584, 0.3504, 0.3777

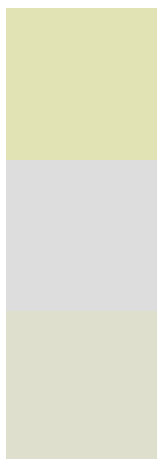
Deuteranomaly

73.9647, 0.3541, 0.3649

Tritanomaly

74.1893, 0.3231, 0.3354

Monochromacy



Original Color

74.4022, 0.3431, 0.3806

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.9196, 0.3240, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4022, 0.3431, 0.3806 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 180) }
```

Border

The CSS property to change the border of an element to Yxy 74.4022, 0.3431, 0.3806 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, 180) }
```

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

```
.border{ border-color:rgb(226, 227, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 180);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4022, 0.3431, 0.3806 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, 180) }
```

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

```
.background{ background-color: rgb(226,  
227, 180) }
```

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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