

Converting Colors

$Y_{xy}(74.4272, 0.3473, 0.3791)$

Have a look what the booklet for
Yxy(74.4272, 0.3473, 0.3791)
contains.

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Color

Yxy(74.6769, 0.3471, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	E7E2B4
RGB	231, 226, 180
RGB Percent	91%, 89%, 71%
CMY	0.0940, 0.1137, 0.2943
CMYK	0.00, 0.02, 0.22, 0.09
HSL	54°, 52%, 81%
HSV	54°, 22%, 91%
XYZ	68.3914, 74.6769, 53.9683
YIQ	222.2510, 17.7460, -13.2460

Conversions

Conversions Part 2

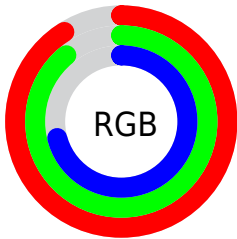
Format	Color
RYB	186, 231, 180
Decimal	15196852
CIELab	89.24, -5.58, 23.17
CIELCh	89, 23.834, 103.537
Yxy	74.6769, 0.3471, 0.3790
Android (android.graphics.Color)	4293386932 (0xFFE7E2B4)
YUV	222.2510, -20.8297, 7.6729
Hunter-Lab	86.4158, -9.9587, 23.4633

Details

The Yxy color **74.6769, 0.3471, 0.3790** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.1599, 0.2759, 0.2735**, and the grayscale version is **73.3761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **39.7721, 0.3547, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **72.5890, 0.3633, 0.4019**, and if you desaturate by 10%, it is **76.9448, 0.3311, 0.3560**.

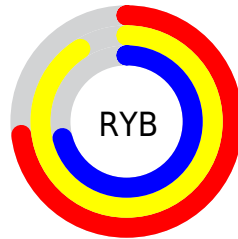
Distribution



Red (91%)

Green (89%)

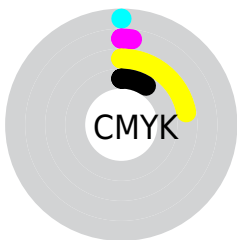
Blue (71%)



Red (73%)

Yellow (91%)

Blue (71%)

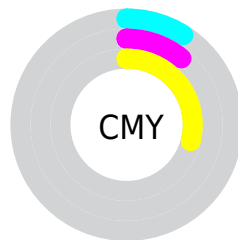


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (9%)



Cyan (9%)


Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6769, 0.3471, 0.3790 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 74.6769, 0.3471, 0.3790 by changing the saturation by 10% instead.

 74.6769, 0.3471,
0.3790

 74.6769, 0.3471,
0.3790


476.8063, 0.3315,
0.3558

 55.3482, 0.3506,
0.3843

 125.8549, 0.3417,
0.3709

 39.6806, 0.3548,
0.3908


158.4730, 0.3396,
0.3678

 27.2896, 0.3601,
0.3991

196.2897, 0.3378,
0.3651

 17.7908, 0.3668,
0.4098

239.6895, 0.3362,
0.3628

 10.7999, 0.3756,
0.4243

289.0566, 0.3348,
0.3607

 5.9325, 0.3873,
0.4446

344.7755, 0.3336,

 2.8041, 0.4047,

0.3589

0.4764

407.2306, 0.3325,
0.3572

■ 1.0303, 0.4480,
0.5520

■ 0.0000, 0.0000,
0.0000

■ 74.6769, 0.3471,
0.3790

■ 74.6769, 0.3471,
0.3790

■ 72.5890, 0.3633,
0.4019

■ 76.9448, 0.3311,
0.3560

■ 70.6632, 0.3794,
0.4240

■ 79.3899, 0.3158,
0.3336

■ 68.8943, 0.3945,
0.4442

■ 82.0224, 0.3014,
0.3122

■ 67.2731, 0.4082,
0.4615

■ 83.6789, 0.2980,
0.3089

65.7890, 0.4197,
0.4752

84.9884, 0.2980,
0.3112

64.4300, 0.4286,
0.4844

86.3145, 0.2981,
0.3135

63.1818, 0.4347,
0.4892

87.6574, 0.2981,
0.3158

62.2559, 0.4380,
0.4905

89.0170, 0.2981,
0.3181

90.3935, 0.2981,
0.3204

Harmonies

Analogous

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



74.6769, 0.3652, 0.3676



74.6769, 0.3471, 0.3790



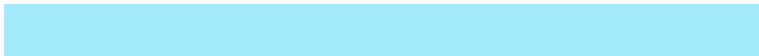
74.6769, 0.3202, 0.3763

Triad

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



74.6769, 0.3471, 0.3790



74.6769, 0.2597, 0.3069



74.6769, 0.3321, 0.3015

Complementary

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



74.6769, 0.3471, 0.3790



50.1599, 0.2759, 0.2735

Split Complementary

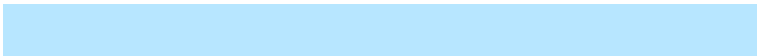
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6769, 0.3032, 0.2867



74.6769, 0.3471, 0.3790



74.6769, 0.2624, 0.2888

Square

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



74.6769, 0.3471, 0.3790



74.6769, 0.2703, 0.3328



74.6769, 0.2779, 0.2819



74.6769, 0.3566, 0.3231

Rectangle

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



74.6769, 0.3471, 0.3790



74.6769, 0.3012, 0.3661



74.6769, 0.2779, 0.2819



74.6769, 0.3225, 0.2956

Sweetspot

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



74.6802, 0.3471, 0.3790



97.7887, 0.3233, 0.3446



53.1255, 0.3533, 0.3233



20.8911, 0.3242, 0.3459



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.



74.6802, 0.3471, 0.3790



92.0888, 0.3553, 0.3906



74.2474, 0.3311, 0.3868



16.5622, 0.3270, 0.3500



34.9972, 0.4376, 0.4907



2.6567, 0.4346, 0.4931

Inverse Universe

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



50.1599, 0.2759, 0.2735



55.7818, 0.2663, 0.2588



50.7307, 0.2909, 0.2700



14.1139, 0.2980, 0.3071



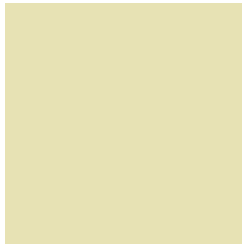
3.6526, 0.1519, 0.0669



0.3479, 0.1565, 0.0835

Previews

White Background



This preview shows how the Yxy color 74.6769, 0.3471, 0.3790 looks on a white background.

Color Contrast Check

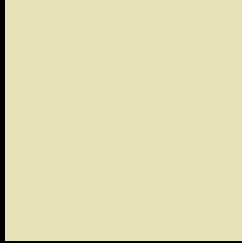
Large Text (above 18pt) WCAG AA × Fail

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 74.6769, 0.3471, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

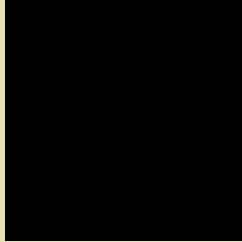
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

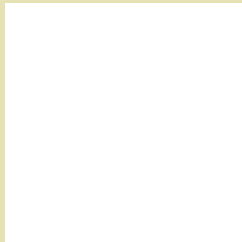
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6769, 0.3471, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 74.6769, 0.3471, 0.3790.



This preview shows how white text looks on a background with the Yxy color 74.6769, 0.3471, 0.3790.

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

74.6769, 0.3471, 0.3790

Protanopia

74.7431, 0.3535, 0.3772

Deuteranopia

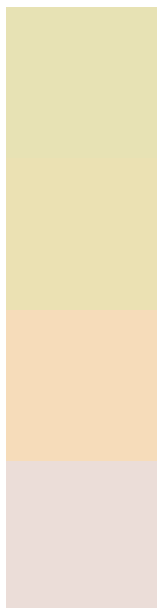
74.6034, 0.3603, 0.3568



Tritanopia

74.3761, 0.3150, 0.3104

Trichromacy



Original Color

74.6769, 0.3471, 0.3790

Protanomaly

74.7673, 0.3510, 0.3785

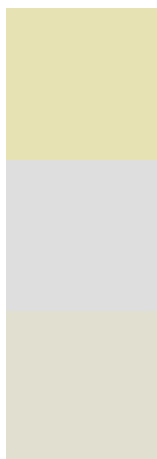
Deuteranomaly

74.3244, 0.3556, 0.3648

Tritanomaly

74.3329, 0.3261, 0.3343

Monochromacy



Original Color

74.6769, 0.3471, 0.3790

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2879, 0.3248, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6769, 0.3471, 0.3790 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(231, 226, 180)` looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 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(231, 226, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 180) }
```

Border

The CSS property to change the border of an element to Yxy 74.6769, 0.3471, 0.3790 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(231, 226, 180) }
```

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

```
.border{ border-color:rgb(231, 226, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 226, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 226, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 226, 180);  
box-shadow:4px 4px 4px 4px rgb(231, 226,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6769, 0.3471, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 180) }
```

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

```
.background{ background-color: rgb(231,  
226, 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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