

Converting Colors

$Y_{xy}(74.3235, 0.3712, 0.4081)$

Have a look what the booklet for
Yxy(74.3235, 0.3712, 0.4081)
contains.

Yxy(74.0893, 0.3714, 0.4081)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.0893, 0.3714, 0.4081)

Conversions

Conversions Part 1

Format	Color
Hex	EDE197
RGB	237, 225, 151
RGB Percent	93%, 88%, 59%
CMY	0.0708, 0.1176, 0.4078
CMYK	0.00, 0.05, 0.36, 0.07
HSL	52°, 70%, 76%
HSV	52°, 36%, 93%
XYZ	67.4265, 74.0893, 40.0311
YIQ	220.1520, 30.9060, -20.4700

Conversions

Conversions Part 2

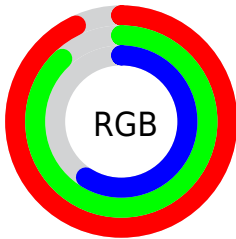
Format	Color
R _Y B	165, 237, 151
Decimal	15589783
CIE Lab	88.96, -6.50, 37.70
CIE LCh	89, 38.254, 99.788
Yxy	74.0893, 0.3714, 0.4081
Android (android.graphics.Color)	4293779863 (0xFFEDE197)
YUV	220.1520, -34.0919, 14.7757
Hunter-Lab	86.0751, -10.8044, 32.6785

Details

The Yxy color **74.0893, 0.3714, 0.4081** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8713, 0.2487, 0.2350**, and the grayscale version is **71.9075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **39.3536, 0.3839, 0.4262** is the 20% darker color. If you saturate the color by 10%, you get **71.6356, 0.3880, 0.4288**, and if you desaturate by 10%, it is **76.7389, 0.3546, 0.3862**.

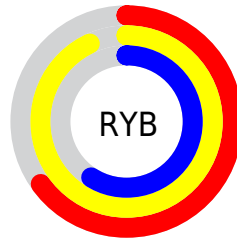
Distribution



Red (93%)

Green (88%)

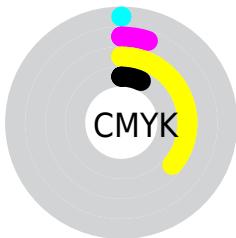
Blue (59%)



Red (65%)

Yellow (93%)

Blue (59%)

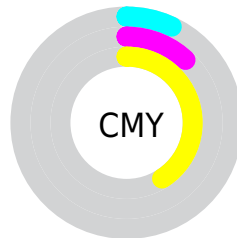


Cyan (0%)

Magenta (5%)

Yellow (36%)

Black (7%)



Cyan (7%)


Magenta (12%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0893, 0.3714, 0.4081 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 74.0893, 0.3714, 0.4081 by changing the saturation by 10% instead.

 74.0893, 0.3714,
0.4081

 74.0893, 0.3714,
0.4081


474.7815, 0.3451,
0.3717

 54.8671, 0.3771,
0.4162

 125.0224, 0.3625,
0.3956

 39.2954, 0.3838,
0.4261


 157.5021, 0.3590,
0.3907

 26.9896, 0.3920,
0.4384


195.1698, 0.3559,
0.3864

 17.5654, 0.4019,
0.4538

238.4098, 0.3532,
0.3827

 10.6384, 0.4140,
0.4735

287.6066, 0.3509,
0.3795

 5.8243, 0.4279,
0.4988

343.1446, 0.3487,

 2.7385, 0.4543,

0.3766


0.5457

405.4081, 0.3468,
0.3740


 0.9968, 0.4404,
0.5596


 0.0000, 0.0000,
0.0000


 74.0893, 0.3714,
0.4081


 74.0893, 0.3714,
0.4081


 71.6356, 0.3880,
0.4288


 76.7389, 0.3546,
0.3862


 69.3580, 0.4037,
0.4474


 79.5828, 0.3380,
0.3640


 67.2494, 0.4177,
0.4628

 82.6326, 0.3222,
0.3422

 65.2980, 0.4295,
0.4742


 85.8960, 0.3073,
0.3213

 63.4898, 0.4385,
0.4811


 88.4108, 0.3018,
0.3155


 61.8078, 0.4447,
0.4834

 90.3824, 0.3018,
0.3188

 61.2020, 0.4466,
0.4836

 92.3894, 0.3018,
0.3221

 94.4321, 0.3017,
0.3254

 96.5105, 0.3017,
0.3286

Harmonies

Analogous

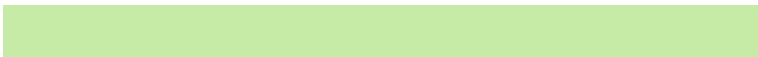
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0893, 0.3990, 0.3850



74.0893, 0.3714, 0.4081



74.0893, 0.3291, 0.4091

Triad

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



74.0893, 0.3714, 0.4081



74.0893, 0.2306, 0.2967



74.0893, 0.3376, 0.2825

Complementary

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



74.0893, 0.3714, 0.4081



38.8713, 0.2487, 0.2350

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.



74.0893, 0.2912, 0.2615



74.0893, 0.3714, 0.4081



74.0893, 0.2323, 0.2671

Square

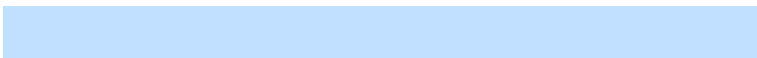
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0893, 0.3714, 0.4081



74.0893, 0.2488, 0.3398



74.0893, 0.2535, 0.2556



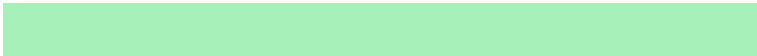
74.0893, 0.3795, 0.3141

Rectangle

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



74.0893, 0.3714, 0.4081



74.0893, 0.2987, 0.3946



74.0893, 0.2535, 0.2556



74.0893, 0.3218, 0.2741

Sweetspot

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



74.0927, 0.3714, 0.4081



95.8623, 0.3296, 0.3526



42.8127, 0.3872, 0.3147



20.4138, 0.3318, 0.3555



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.



74.0927, 0.3714, 0.4081



85.2126, 0.3846, 0.4246



76.0264, 0.3452, 0.4264



17.2494, 0.3271, 0.3491



33.5729, 0.4461, 0.4840



2.7346, 0.4418, 0.4874

Inverse Universe

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



38.8713, 0.2487, 0.2350



37.6276, 0.2327, 0.2103



38.0858, 0.2695, 0.2259



14.8864, 0.2980, 0.3081



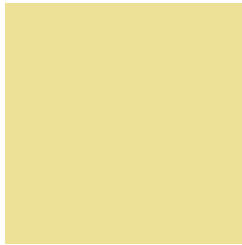
4.0400, 0.1531, 0.0711



0.4236, 0.1587, 0.0913

Previews

White Background



This preview shows how the Yxy color 74.0893, 0.3714, 0.4081 looks on a white background.

Color Contrast Check

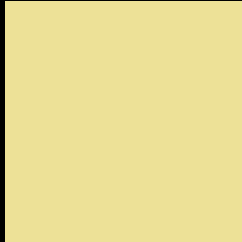
Large Text (above 18pt) WCAG AA × Fail

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 74.0893, 0.3714, 0.4081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

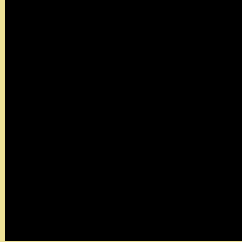
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

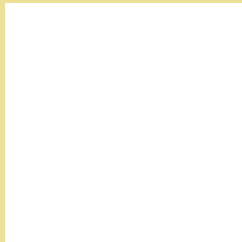
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0893, 0.3714, 0.4081

Background



This preview shows how black text looks on a background with the Yxy color 74.0893, 0.3714, 0.4081.



This preview shows how white text looks on a background with the Yxy color 74.0893, 0.3714, 0.4081.

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

74.0893, 0.3714, 0.4081

Protanopia

73.8546, 0.3767, 0.4061

Deuteranopia

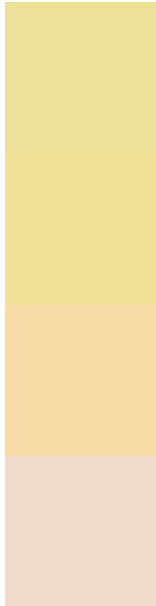
74.1001, 0.3691, 0.3692



Tritanopia

74.0199, 0.3237, 0.3117

Trichromacy



Original Color

74.0893, 0.3714, 0.4081

Protanomaly

74.0386, 0.3748, 0.4075

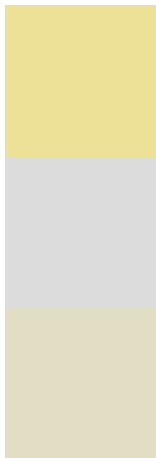
Deuteranomaly

73.9700, 0.3700, 0.3835

Tritanomaly

74.0295, 0.3414, 0.3459

Monochromacy



Original Color

74.0893, 0.3714, 0.4081

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.3514, 0.3338, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0893, 0.3714, 0.4081 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(237, 225, 151)` looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 151)  
}
```

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(237, 225, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 151) }
```

Border

The CSS property to change the border of an element to Yxy 74.0893, 0.3714, 0.4081 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(237, 225, 151) }
```

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

```
.border{ border-color:rgb(237, 225, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 225, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 225, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 225, 151); box-shadow:4px 4px 4px 4px rgb(237, 225, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0893, 0.3714, 0.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 151) }
```

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

```
.background{ background-color: rgb(237,  
225, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor