

Converting Colors

$Y_{xy}(75.1113, 0.3575, 0.3828)$

Have a look what the booklet for
Yxy(75.1113, 0.3575, 0.3828)
contains.

Yxy(75.2571, 0.3574, 0.3834)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.2571, 0.3574, 0.3834)

Conversions

Conversions Part 1

Format	Color
Hex	EFE1AE
RGB	239, 225, 174
RGB Percent	94%, 88%, 68%
CMY	0.0629, 0.1176, 0.3176
CMYK	0.00, 0.06, 0.27, 0.06
HSL	47°, 67%, 81%
HSV	47°, 27%, 94%
XYZ	70.1536, 75.2571, 50.8780
YIQ	223.3720, 24.7150, -12.8930

Conversions

Conversions Part 2

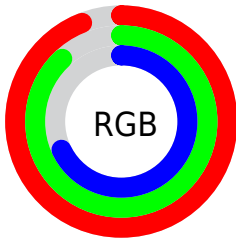
Format	Color
RYB	192, 239, 174
Decimal	15720878
CIELab	89.51, -2.94, 26.72
CIELCh	90, 26.882, 96.269
Yxy	75.2571, 0.3574, 0.3834
Android (android.graphics.Color)	4293910958 (0xFFEFE1AE)
YUV	223.3720, -24.3404, 13.7058
Hunter-Lab	86.7509, -7.4648, 25.9529

Details

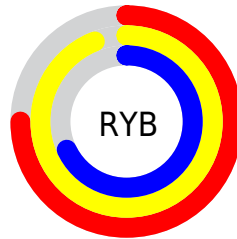
The Yxy color **75.2571, 0.3574, 0.3834** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.1792, 0.2670, 0.2679**, and the grayscale version is **74.2331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **40.0750, 0.3673, 0.3965** is the 20% darker color. If you saturate the color by 10%, you get **71.6765, 0.3754, 0.4037**, and if you desaturate by 10%, it is **79.0937, 0.3400, 0.3629**.

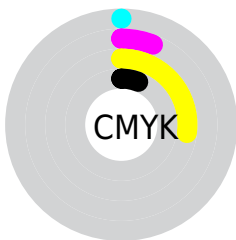
Distribution



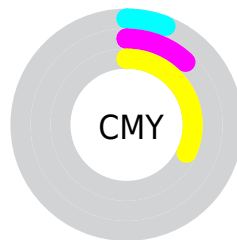
- Red (94%)
- Green (88%)
- Blue (68%)



- Red (75%)
- Yellow (94%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (6%)





- Cyan (6%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2571, 0.3574, 0.3834 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 75.2571, 0.3574, 0.3834 by changing the saturation by 10% instead.


 75.2571, 0.3574,
0.3834

 75.2571, 0.3574,
0.3834


478.8008, 0.3371,
0.3584

 55.8235, 0.3619,
0.3890


 126.6762, 0.3504,
0.3748

 40.0615, 0.3674,
0.3959

159.4306, 0.3477,
0.3714

 27.5865, 0.3742,
0.4046


197.3940, 0.3453,
0.3685

 18.0142, 0.3829,
0.4157

240.9509, 0.3433,
0.3659

 10.9602, 0.3942,
0.4303

290.4856, 0.3414,
0.3637

 6.0401, 0.4091,
0.4503

346.3826, 0.3398,

 2.8694, 0.4342,

0.3617

0.4841

409.0262, 0.3384,
0.3600

■ 1.0640, 0.4671,
0.5329

■ 0.0000, 0.0000,
0.0000

■ 75.2571, 0.3574,
0.3834

■ 75.2571, 0.3574,
0.3834

■ 71.6765, 0.3754,
0.4037

■ 79.0937, 0.3400,
0.3629

■ 68.3322, 0.3936,
0.4229

■ 83.1850, 0.3237,
0.3429

■ 65.2172, 0.4113,
0.4401

■ 87.5426, 0.3086,
0.3237

■ 62.3202, 0.4276,
0.4541

■ 91.1982, 0.3030,
0.3197

■ 59.6283, 0.4419,
0.4641

■ 94.3555, 0.3030,
0.3247

■ 57.1266, 0.4534,
0.4695

■ 97.0846, 0.3029,
0.3290

■ 54.7960, 0.4619,
0.4701

■ 54.1615, 0.4640,
0.4698

Harmonies

Analogous

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



75.2571, 0.3744, 0.3671



75.2571, 0.3574, 0.3834



75.2571, 0.3287, 0.3849

Triad

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



75.2571, 0.3574, 0.3834



75.2571, 0.2549, 0.3105



75.2571, 0.3266, 0.2934

Complementary

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



75.2571, 0.3574, 0.3834



51.1792, 0.2670, 0.2679

Split Complementary

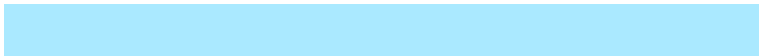
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2571, 0.2943, 0.2793



75.2571, 0.3574, 0.3834



75.2571, 0.2543, 0.2876

Square

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



75.2571, 0.3574, 0.3834



75.2571, 0.2700, 0.3407



75.2571, 0.2683, 0.2769



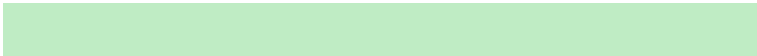
75.2571, 0.3564, 0.3160

Rectangle

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



75.2571, 0.3574, 0.3834



75.2571, 0.3073, 0.3760



75.2571, 0.2683, 0.2769



75.2571, 0.3157, 0.2876

Sweetspot

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



75.2605, 0.3574, 0.3834



95.9918, 0.3250, 0.3446



52.2558, 0.3589, 0.3136



20.3896, 0.3274, 0.3475



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.



75.2605, 0.3574, 0.3834



84.7223, 0.3680, 0.3955



80.0721, 0.3406, 0.4000



17.8493, 0.3274, 0.3474



30.1403, 0.4631, 0.4705



2.6490, 0.4562, 0.4760

Inverse Universe

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



51.1792, 0.2670, 0.2679



52.2220, 0.2559, 0.2521



47.7673, 0.2790, 0.2535



15.7789, 0.2980, 0.3099



4.9231, 0.1562, 0.0822



0.5506, 0.1627, 0.1056

Previews

White Background



This preview shows how the Yxy color 75.2571, 0.3574, 0.3834 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 75.2571, 0.3574, 0.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

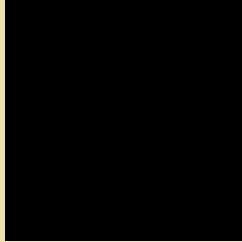
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2571, 0.3574, 0.3834

Background



This preview shows how black text looks on a background with the Yxy color 75.2571, 0.3574, 0.3834.

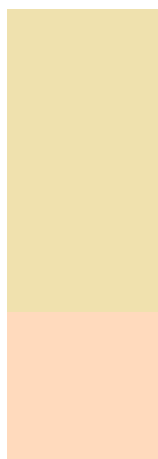


This preview shows how white text looks on a background with the Yxy color 75.2571, 0.3574, 0.3834.

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

75.2571, 0.3574, 0.3834

Protanopia

75.4317, 0.3582, 0.3833

Deuteranopia

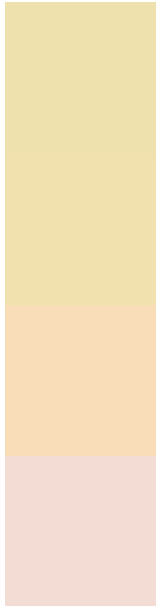
75.0769, 0.3608, 0.3588



Tritanopia

75.1591, 0.3222, 0.3118

Trichromacy



Original Color

75.2571, 0.3574, 0.3834

Protanomaly

75.4317, 0.3582, 0.3833

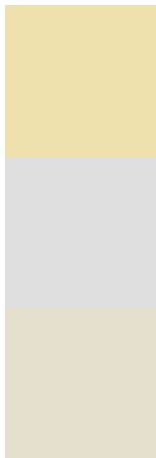
Deuteranomaly

75.3133, 0.3591, 0.3676

Tritanomaly

74.9946, 0.3349, 0.3374

Monochromacy



Original Color

75.2571, 0.3574, 0.3834

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.3771, 0.3289, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2571, 0.3574, 0.3834 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(239, 225, 174)` looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 174)  
}
```

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(239, 225, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 174) }
```

Border

The CSS property to change the border of an element to Yxy 75.2571, 0.3574, 0.3834 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(239, 225, 174) }
```

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

```
.border{ border-color:rgb(239, 225, 174) }
```

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

Here you see how a box with a 4 pixel rgb(239, 225, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 174);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2571, 0.3574, 0.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 174) }
```

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

```
.background{ background-color: rgb(239,  
225, 174) }
```

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