

Converting Colors

$Yxy(75.1774, 0.3393, 0.3551)$

Have a look what the booklet for
Yxy(75.1774, 0.3393, 0.3551)
contains.

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Color

Yxy(74.9034, 0.3391, 0.3546)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EDDFC7 |
| RGB | 237, 223, 199 |
| RGB Percent | 93%, 87%, 78% |
| CMY | 0.0704, 0.1255, 0.2197 |
| CMYK | 0.00, 0.06, 0.16, 0.07 |
| HSL | 38°, 51%, 85% |
| HSV | 38°, 16%, 93% |
| XYZ | 71.6293, 74.9034, 64.7008 |
| YIQ | 224.4500, 16.0480, -4.4960 |

Conversions

Conversions Part 2

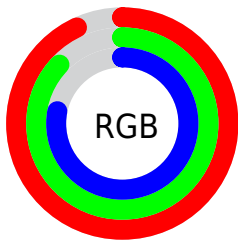
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 221, 237, 199 |
| Decimal | 15589319 |
| CIE Lab | 89.35, 0.92, 13.49 |
| CIE LCh | 89, 13.522, 86.079 |
| Yxy | 74.9034, 0.3391, 0.3546 |
| Android (android.graphics.Color) | 4293779399 (0xFFEDDFC7) |
| YUV | 224.4500, -12.5468, 11.0064 |
| Hunter-Lab | 86.5468, -3.7236, 16.2586 |

Details

The Yxy color **74.9034, 0.3391, 0.3546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8564, 0.2873, 0.3020**, and the grayscale version is **74.9672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8734, 0.3454, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **69.3361, 0.3578, 0.3714**, and if you desaturate by 10%, it is **80.8904, 0.3221, 0.3384**.

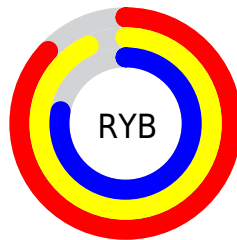
Distribution



Red (93%)

Green (87%)

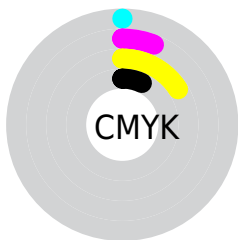
Blue (78%)



Red (87%)

Yellow (93%)

Blue (78%)

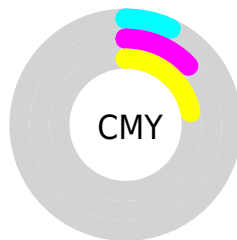


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9034, 0.3391, 0.3546 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 74.9034, 0.3391, 0.3546 by changing the saturation by 10% instead.


 74.9034, 0.3391,
0.3546

 74.9034, 0.3391,
0.3546


477.5855, 0.3269,
0.3428

 55.5338, 0.3419,
0.3573

126.1756, 0.3349,
0.3505

 39.8292, 0.3453,
0.3605


158.8470, 0.3333,
0.3490

 27.4054, 0.3496,
0.3647


196.7210, 0.3318,
0.3476

 17.8779, 0.3552,
0.3700

240.1822, 0.3306,
0.3464

 10.8624, 0.3627,
0.3772

289.6148, 0.3295,
0.3453

 5.9744, 0.3735,
0.3875

345.4033, 0.3286,

 2.8295, 0.3900,

0.3444

0.4029

407.9320, 0.3277,
0.3436

■ 1.0434, 0.4532,
0.4649

■ 0.0000, 0.0000,
0.0000

■ 74.9034, 0.3391,
0.3546

■ 74.9034, 0.3391,
0.3546

■ 69.3361, 0.3578,
0.3714

■ 80.8904, 0.3221,
0.3384

■ 64.1670, 0.3782,
0.3882

■ 87.2979, 0.3069,
0.3231

■ 59.3870, 0.3999,
0.4044

■ 93.1294, 0.3018,
0.3233

■ 54.9833, 0.4223,
0.4189

■ 96.7516, 0.3018,
0.3290

■ 50.9415, 0.4446,
0.4308

■ 47.2461, 0.4656,
0.4387

■ 43.8793, 0.4841,
0.4417

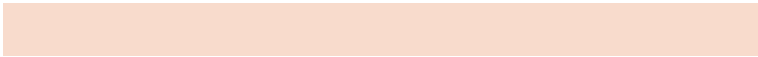
■ 40.8200, 0.4993,
0.4394

■ 39.6868, 0.5046,
0.4375

Harmonies

Analogous

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



74.9034, 0.3446, 0.3451



74.9034, 0.3391, 0.3546



74.9034, 0.3265, 0.3574

Triad

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



74.9034, 0.3391, 0.3546



74.9034, 0.2849, 0.3252



74.9034, 0.3144, 0.3074

Complementary

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



74.9034, 0.3391, 0.3546



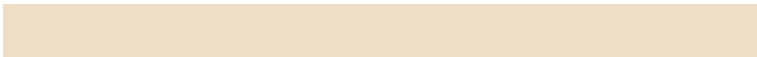
65.8564, 0.2873, 0.3020

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.



74.9034, 0.2985, 0.3021



74.9034, 0.3391, 0.3546



74.9034, 0.2818, 0.3118

Square

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



74.9034, 0.3391, 0.3546



74.9034, 0.2953, 0.3401



74.9034, 0.2867, 0.3035



74.9034, 0.3301, 0.3181

Rectangle

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



74.9034, 0.3391, 0.3546



74.9034, 0.3159, 0.3547



74.9034, 0.2867, 0.3035



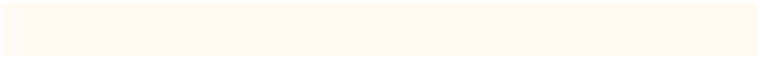
74.9034, 0.3089, 0.3049

Sweetspot

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



74.9067, 0.3391, 0.3546



96.2405, 0.3205, 0.3368



63.6813, 0.3319, 0.3134



20.4885, 0.3216, 0.3379



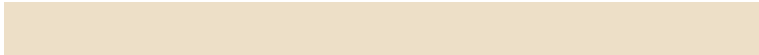
0.0000, 0.0000, 0.0000



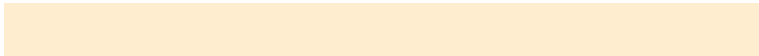
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9067, 0.3391, 0.3546



86.3815, 0.3446, 0.3596



81.9710, 0.3337, 0.3693



16.6383, 0.3277, 0.3438



21.9184, 0.5029, 0.4389



1.9039, 0.4882, 0.4505

Inverse Universe

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



65.8564, 0.2873, 0.3020



73.9629, 0.2822, 0.2964



59.7088, 0.2897, 0.2862



15.4593, 0.2980, 0.3137



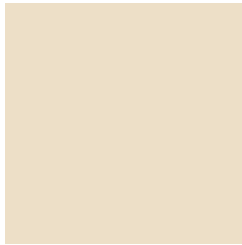
7.3301, 0.1660, 0.1177



0.7541, 0.1737, 0.1453

Previews

White Background



This preview shows how the Yxy color 74.9034, 0.3391, 0.3546 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 74.9034, 0.3391, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

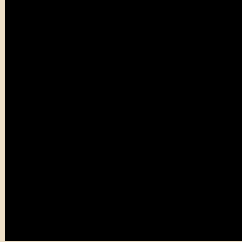
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

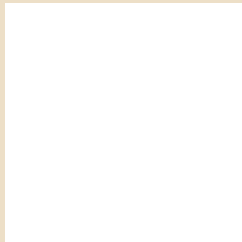
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9034, 0.3391, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 74.9034, 0.3391, 0.3546.

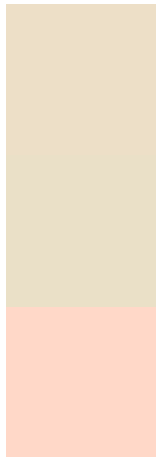


This preview shows how white text looks on a background with the Yxy color 74.9034, 0.3391, 0.3546.

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

74.9034, 0.3391, 0.3546

Protanopia

74.9273, 0.3367, 0.3558

Deuteranopia

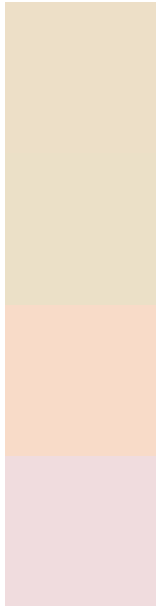
74.5419, 0.3532, 0.3455



Tritanopia

75.0182, 0.3185, 0.3116

Trichromacy



Original Color

74.9034, 0.3391, 0.3546

Protanomaly

75.0970, 0.3374, 0.3557

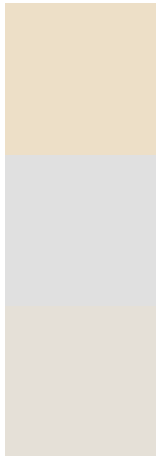
Deuteranomaly

74.7896, 0.3473, 0.3488

Tritanomaly

74.9856, 0.3258, 0.3270

Monochromacy



Original Color

74.9034, 0.3391, 0.3546

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8756, 0.3222, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9034, 0.3391, 0.3546 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, 223, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 223, 199)  
}
```

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, 223, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 223, 199) }
```

Border

The CSS property to change the border of an element to Yxy 74.9034, 0.3391, 0.3546 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, 223, 199) }
```

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

```
.border{ border-color:rgb(237, 223, 199) }
```

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

Here you see how a box with a 4 pixel rgb(237, 223, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 223, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 223, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 223,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9034, 0.3391, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 223, 199) }
```

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

```
.background{ background-color: rgb(237,  
223, 199) }
```

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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