

Converting Colors

$Yxy(74.8453, 0.3334, 0.3482)$

Have a look what the booklet for
Yxy(74.8453, 0.3334, 0.3482)
contains.

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Color

Yxy(74.8453, 0.3334, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	EBDFCD
RGB	235, 223, 205
RGB Percent	92%, 87%, 80%
CMY	0.0785, 0.1254, 0.1960
CMYK	0.00, 0.05, 0.13, 0.08
HSL	36°, 43%, 86%
HSV	36°, 13%, 92%
XYZ	71.6641, 74.8453, 68.4398
YIQ	224.5360, 12.9300, -3.0540

Conversions

Conversions Part 2

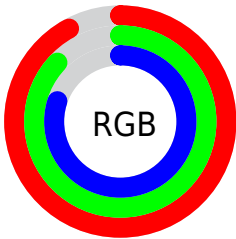
Format	Color
R _Y B	225, 235, 205
Decimal	15458253
CIE Lab	89.32, 1.12, 10.27
CIE LCh	89, 10.326, 83.796
Yxy	74.8453, 0.3334, 0.3482
Android (android.graphics.Color)	4293648333 (0xFFEBDFCD)
YUV	224.5360, -9.6312, 9.1769
Hunter-Lab	86.5132, -3.5358, 13.6554

Details

The Yxy color **74.8453, 0.3334, 0.3482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5979, 0.2928, 0.3090**, and the grayscale version is **75.0090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8233, 0.3380, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **68.9200, 0.3518, 0.3641**, and if you desaturate by 10%, it is **81.2257, 0.3169, 0.3330**.

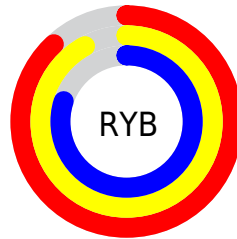
Distribution



Red (92%)

Green (87%)

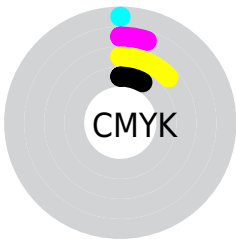
Blue (80%)



Red (88%)

Yellow (92%)

Blue (80%)

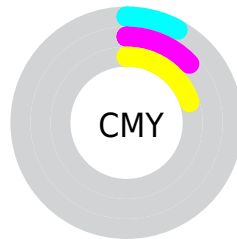


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8453, 0.3334, 0.3482 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 74.8453, 0.3334, 0.3482 by changing the saturation by 10% instead.

74.8453, 0.3334,
0.3482

74.8453, 0.3334,
0.3482

477.3857, 0.3239,
0.3394

55.4862, 0.3356,
0.3502

126.0934, 0.3301,
0.3452

39.7911, 0.3383,
0.3527

158.7511, 0.3288,
0.3440

27.3757, 0.3416,
0.3558

196.6104, 0.3277,
0.3429

17.8556, 0.3461,
0.3598

240.0558, 0.3267,
0.3420

10.8464, 0.3521,
0.3653

289.4716, 0.3259,
0.3413

5.9636, 0.3607,
0.3731

345.2423, 0.3251,

2.8230, 0.3740,

0.3406

0.3850

407.7522, 0.3245,
0.3399

■ 1.0400, 0.4134,
0.4219

■ 0.0000, 0.0000,
0.0000

■ 74.8453, 0.3334,
0.3482

■ 74.8453, 0.3334,
0.3482

■ 68.9200, 0.3518,
0.3641

■ 81.2257, 0.3169,
0.3330

■ 63.4277, 0.3721,
0.3802

■ 88.0628, 0.3023,
0.3187

■ 58.3593, 0.3940,
0.3960

■ 93.9781, 0.3005,
0.3252

■ 53.7010, 0.4172,
0.4105

■ 96.3982, 0.3005,
0.3290

■ 49.4383, 0.4407,
0.4228

■ 45.5554, 0.4636,
0.4315

■ 42.0346, 0.4845,
0.4356

■ 38.8554, 0.5023,
0.4344

■ 36.7432, 0.5133,
0.4306

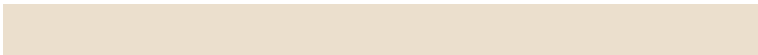
Harmonies

Analogous

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



74.8453, 0.3371, 0.3407



74.8453, 0.3334, 0.3482



74.8453, 0.3242, 0.3506

Triad

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



74.8453, 0.3334, 0.3482



74.8453, 0.2918, 0.3270



74.8453, 0.3131, 0.3119

Complementary

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



74.8453, 0.3334, 0.3482



68.5979, 0.2928, 0.3090

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.



74.8453, 0.3011, 0.3082



74.8453, 0.3334, 0.3482



74.8453, 0.2890, 0.3166

Square

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



74.8453, 0.3334, 0.3482



74.8453, 0.3002, 0.3383



74.8453, 0.2923, 0.3098



74.8453, 0.3252, 0.3200

Rectangle

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



74.8453, 0.3334, 0.3482



74.8453, 0.3162, 0.3489



74.8453, 0.2923, 0.3098



74.8453, 0.3089, 0.3101

Sweetspot

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



74.8486, 0.3334, 0.3482



96.7884, 0.3189, 0.3349



66.3412, 0.3271, 0.3162



20.5896, 0.3201, 0.3360



0.0000, 0.0000, 0.0000



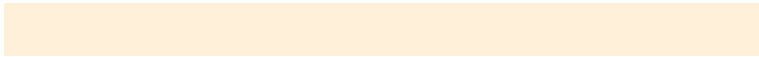
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8486, 0.3334, 0.3482



88.4132, 0.3375, 0.3518



80.9647, 0.3297, 0.3607



16.5589, 0.3278, 0.3431



20.7102, 0.5114, 0.4321



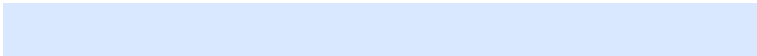
1.8136, 0.4952, 0.4450

Inverse Universe

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



68.5979, 0.2928, 0.3090



79.6626, 0.2890, 0.3051



63.0823, 0.2945, 0.2956



15.5364, 0.2980, 0.3145



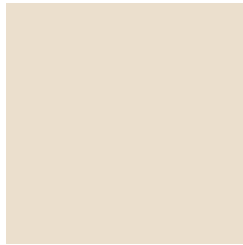
8.0141, 0.1684, 0.1264



0.8129, 0.1761, 0.1538

Previews

White Background



This preview shows how the Yxy color 74.8453, 0.3334, 0.3482 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 74.8453, 0.3334, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

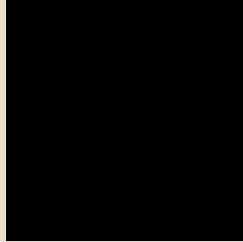
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

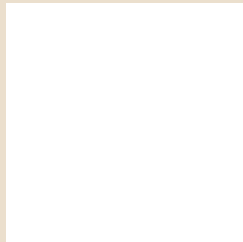
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8453, 0.3334, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 74.8453, 0.3334, 0.3482.

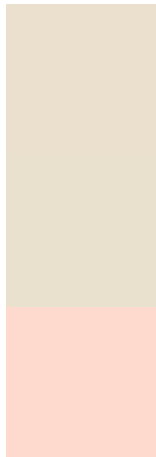


This preview shows how white text looks on a background with the Yxy color 74.8453, 0.3334, 0.3482.

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

74.8453, 0.3334, 0.3482

Protanopia

75.0427, 0.3318, 0.3493

Deuteranopia

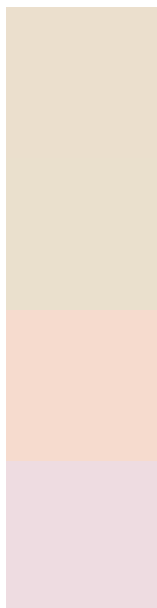
74.9646, 0.3471, 0.3403



Tritanopia

74.5497, 0.3157, 0.3105

Trichromacy



Original Color

74.8453, 0.3334, 0.3482

Protanomaly

75.2115, 0.3326, 0.3493

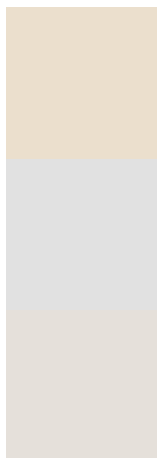
Deuteranomaly

74.7121, 0.3415, 0.3426

Tritanomaly

74.7998, 0.3223, 0.3238

Monochromacy



Original Color

74.8453, 0.3334, 0.3482

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0313, 0.3202, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8453, 0.3334, 0.3482 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(235, 223, 205)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 205)  
}
```

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(235, 223, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 205) }
```

Border

The CSS property to change the border of an element to Yxy 74.8453, 0.3334, 0.3482 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(235, 223, 205) }
```

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

```
.border{ border-color:rgb(235, 223, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 205);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8453, 0.3334, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 205) }
```

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

```
.background{ background-color: rgb(235,  
223, 205) }
```

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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