

# Converting Colors

$Y_{xy}(73.7859, 0.3278, 0.3373)$

Have a look what the booklet for  
Yxy(73.7859, 0.3278, 0.3373)  
contains.

<b>Yxy(74.0094, 0.3275, 0.3375)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(74.0094, 0.3275, 0.3375)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EADDD5
RGB	234, 221, 213
RGB Percent	92%, 87%, 84%
CMY	0.0821, 0.1334, 0.1646
CMYK	0.00, 0.06, 0.09, 0.08
HSL	23°, 33%, 88%
HSV	23°, 9%, 92%
XYZ	71.8165, 74.0094, 73.4612
YIQ	223.9750, 10.3160, 0.2680

# Conversions

## Conversions Part 2

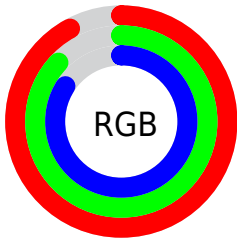
Format	Color
<b>RYB</b>	234, 226, 213
Decimal	15392213
CIELab	88.93, 3.13, 5.50
CIELCh	89, 6.326, 60.298
Yxy	74.0094, 0.3275, 0.3375
Android (android.graphics.Color)	4293582293 (0xFFEADDD5)
YUV	223.9750, -5.4107, 8.7919
Hunter-Lab	86.0287, -1.5390, 9.5915

# Details

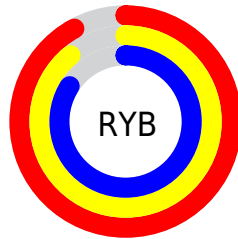
The Yxy color **74.0094, 0.3275, 0.3375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5424, 0.2988, 0.3203**, and the grayscale version is **74.5646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2060, 0.3311, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **65.5555, 0.3466, 0.3475**, and if you desaturate by 10%, it is **83.3073, 0.3112, 0.3281**.

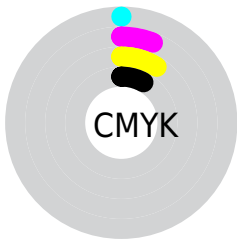
# Distribution



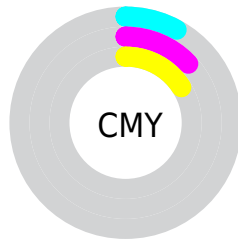
- Red (92%)
- Green (87%)
- Blue (84%)



- Red (92%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (8%)




- Cyan (8%)
- Magenta (13%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0094, 0.3275, 0.3375 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 74.0094, 0.3275, 0.3375 by changing the saturation by 10% instead.




 74.0094, 0.3275,  
0.3375

 74.0094, 0.3275,  
0.3375


474.5058, 0.3207,  
0.3336

 54.8017, 0.3291,  
0.3384

124.9091, 0.3251,  
0.3362

 39.2430, 0.3310,  
0.3395


157.3700, 0.3242,  
0.3356

 26.9488, 0.3335,  
0.3408


195.0174, 0.3234,  
0.3352

 17.5348, 0.3367,  
0.3426

238.2356, 0.3227,  
0.3348

 10.6165, 0.3411,  
0.3450

287.4092, 0.3221,  
0.3344

 5.8096, 0.3475,  
0.3484

342.9225, 0.3216,

 2.7297, 0.3575,

0.3341

405.1599, 0.3211,  
0.3339

0.3536

0.9923, 0.3791,  
0.3658

0.0000, 0.0000,  
0.0000

74.0094, 0.3275,  
0.3375

74.0094, 0.3275,  
0.3375

65.5555, 0.3466,  
0.3475

83.3073, 0.3112,  
0.3281

57.9117, 0.3689,  
0.3579

93.1474, 0.3000,  
0.3241

51.0560, 0.3945,  
0.3683

96.2441, 0.3000,  
0.3290

44.9615, 0.4235,  
0.3781

■ 39.6000, 0.4554,  
0.3862

■ 34.9409, 0.4888,  
0.3915

■ 30.9513, 0.5218,  
0.3927

■ 27.5947, 0.5516,  
0.3888

■ 24.8260, 0.5759,  
0.3800

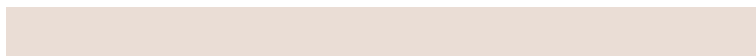
# Harmonies

## Analogous

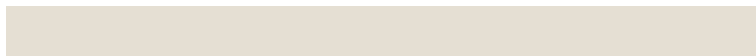
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0094, 0.3265, 0.3314



74.0094, 0.3275, 0.3375



74.0094, 0.3245, 0.3414

# Triad

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



74.0094, 0.3275, 0.3375



74.0094, 0.3037, 0.3333



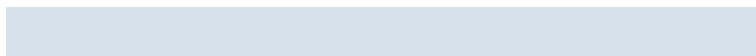
74.0094, 0.3071, 0.3163

# Complementary

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



74.0094, 0.3275, 0.3375



74.5424, 0.2988, 0.3203

# 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.



74.0094, 0.3011, 0.3167



74.0094, 0.3275, 0.3375



74.0094, 0.2991, 0.3264

# Square

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



74.0094, 0.3275, 0.3375



74.0094, 0.3106, 0.3390



74.0094, 0.2982, 0.3203



74.0094, 0.3147, 0.3193



# Rectangle

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



74.0094, 0.3275, 0.3375



74.0094, 0.3206, 0.3422



74.0094, 0.2982, 0.3203



74.0094, 0.3048, 0.3161

# Sweetspot

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



74.0126, 0.3275, 0.3375



96.5203, 0.3174, 0.3318



70.6114, 0.3190, 0.3149



20.4637, 0.3187, 0.3325



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

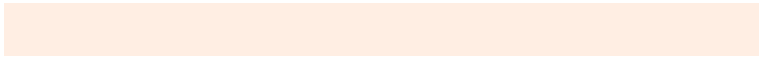


# Same Dimension

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



74.0126, 0.3275, 0.3375



87.6982, 0.3312, 0.3395



79.6078, 0.3264, 0.3482



15.9880, 0.3283, 0.3380



14.0250, 0.5754, 0.3813



1.2815, 0.5495, 0.4019

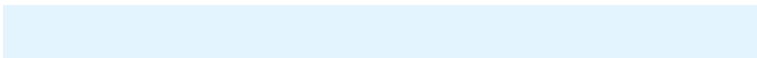


# Inverse Universe

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



74.5424, 0.2988, 0.3203



88.4773, 0.2956, 0.3183



69.1148, 0.2988, 0.3090



16.1088, 0.2981, 0.3199



15.0480, 0.1890, 0.2002

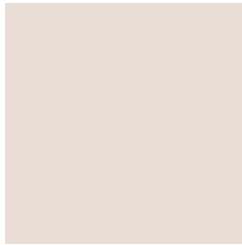


1.3660, 0.1945, 0.2200



# Previews

## White Background



This preview shows how the Yxy color 74.0094, 0.3275, 0.3375 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

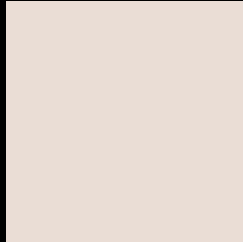
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.0094, 0.3275, 0.3375 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

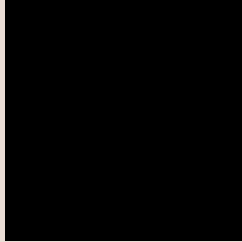
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

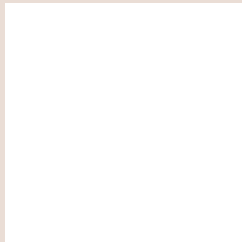
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 74.0094, 0.3275, 0.3375**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.0094, 0.3275, 0.3375.

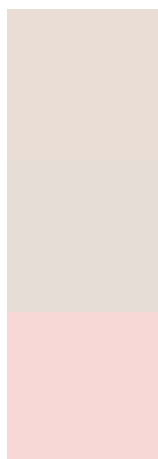


This preview shows how white text looks on a background with the Yxy color 74.0094, 0.3275, 0.3375.

# 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

74.0094, 0.3275, 0.3375

### Protanopia

73.9206, 0.3238, 0.3376

### Deuteranopia

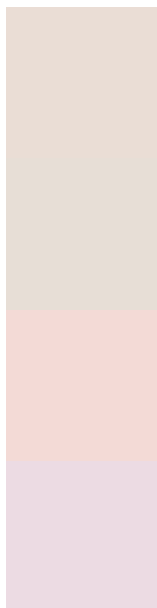
73.9232, 0.3378, 0.3311



## Tritanopia

74.1455, 0.3150, 0.3114

# Trichromacy



## Original Color

74.0094, 0.3275, 0.3375

## Protanomaly

74.0865, 0.3245, 0.3376

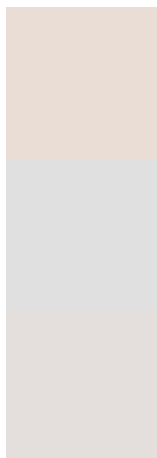
## Deuteranomaly

74.0525, 0.3338, 0.3332

## Tritanomaly

74.0420, 0.3196, 0.3207

# Monochromacy



## Original Color

74.0094, 0.3275, 0.3375

## Achromatopsia

74.5404, 0.3127, 0.3290

## Achromatomaly

74.4366, 0.3182, 0.3322

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.0094, 0.3275, 0.3375 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(234, 221, 213)` looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 213)  
}
```

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(234, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 213) }
```

## Border

The CSS property to change the border of an element to Yxy 74.0094, 0.3275, 0.3375 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(234, 221, 213) }
```

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

```
.border{ border-color:rgb(234, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(234, 221,  
213) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.0094, 0.3275, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 221, 213) }
```

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

```
.background{ background-color: rgb(234,  
221, 213) }
```

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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