

# Converting Colors

$Yxy(73.9444, 0.3305, 0.3375)$

Have a look what the booklet for  
Yxy(73.9444, 0.3305, 0.3375)  
contains.

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# Color

**Yxy(73.9444, 0.3305, 0.3375)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDDCD4
RGB	237, 220, 212
RGB Percent	93%, 86%, 83%
CMY	0.0704, 0.1373, 0.1686
CMYK	0.00, 0.07, 0.11, 0.07
HSL	19°, 41%, 88%
HSV	19°, 11%, 93%
XYZ	72.4107, 73.9444, 72.7394
YIQ	224.1710, 12.7000, 1.1160

# Conversions

## Conversions Part 2

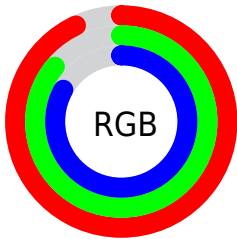
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 224, 212
Decimal	15588564
CIE <sub>Lab</sub>	88.90, 4.52, 6.02
CIE <sub>LCh</sub>	89, 7.527, 53.095
Yxy	73.9444, 0.3305, 0.3375
Android (android.graphics.Color)	4293778644 (0xFFEDDCD4)
YUV	224.1710, -6.0003, 11.2510
Hunter-Lab	85.9909, -0.1739, 10.0405

# Details

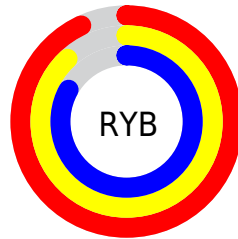
The Yxy color **73.9444, 0.3305, 0.3375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1741, 0.2964, 0.3203**, and the grayscale version is **74.7116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1683, 0.3351, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **64.7742, 0.3505, 0.3461**, and if you desaturate by 10%, it is **84.1141, 0.3136, 0.3294**.

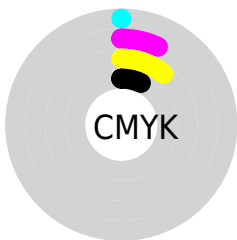
# Distribution



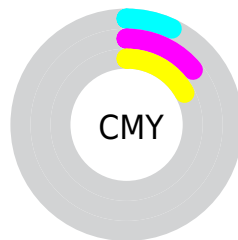
- Red (93%)
- Green (86%)
- Blue (83%)



- Red (93%)
- Yellow (88%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (7%)




- Cyan (7%)
- Magenta (14%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9444, 0.3305, 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 73.9444, 0.3305, 0.3375 by changing the saturation by 10% instead.



 73.9444, 0.3305,  
0.3375

 73.9444, 0.3305,  
0.3375


474.2815, 0.3223,  
0.3336

 54.7485, 0.3324,  
0.3384


124.8170, 0.3276,  
0.3362

 39.2004, 0.3347,  
0.3394


157.2625, 0.3265,  
0.3357

 26.9157, 0.3377,  
0.3408


194.8933, 0.3256,  
0.3352

 17.5099, 0.3416,  
0.3425

238.0939, 0.3247,  
0.3348

 10.5987, 0.3469,  
0.3448

287.2486, 0.3240,  
0.3345

 5.7977, 0.3546,  
0.3481

342.7419, 0.3234,

 2.7225, 0.3667,

0.3342

0.3531

404.9580, 0.3228,  
0.3339

0.9886, 0.3933,  
0.3657

0.0000, 0.0000,  
0.0000

73.9444, 0.3305,  
0.3375

73.9444, 0.3305,  
0.3375

64.7742, 0.3505,  
0.3461

84.1141, 0.3136,  
0.3294

56.5629, 0.3741,  
0.3549

95.0158, 0.3018,  
0.3263

49.2816, 0.4016,  
0.3637

96.7513, 0.3018,  
0.3290

42.8962, 0.4330,  
0.3718

■ 37.3702, 0.4676,  
0.3781

■ 32.6647, 0.5040,  
0.3816

■ 28.7371, 0.5395,  
0.3810

■ 25.5404, 0.5707,  
0.3755

■ 23.1398, 0.5940,  
0.3665

# Harmonies

## Analogous

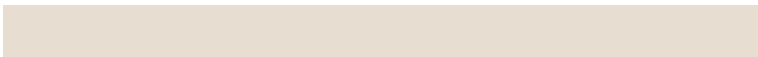
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9444, 0.3282, 0.3299



73.9444, 0.3305, 0.3375



73.9444, 0.3280, 0.3430

# Triad

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



73.9444, 0.3305, 0.3375



73.9444, 0.3037, 0.3359



73.9444, 0.3040, 0.3137

# Complementary

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



73.9444, 0.3305, 0.3375



76.1741, 0.2964, 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.



73.9444, 0.2976, 0.3150



73.9444, 0.3305, 0.3375



73.9444, 0.2975, 0.3278

# Square

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



73.9444, 0.3305, 0.3375



73.9444, 0.3124, 0.3422



73.9444, 0.2953, 0.3202

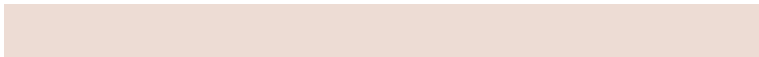


73.9444, 0.3128, 0.3163



# Rectangle

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



73.9444, 0.3305, 0.3375



73.9444, 0.3239, 0.3447



73.9444, 0.2953, 0.3202



73.9444, 0.3015, 0.3137

# Sweetspot

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



73.9477, 0.3305, 0.3375



96.2398, 0.3175, 0.3314



70.7591, 0.3194, 0.3111



20.3881, 0.3188, 0.3320



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

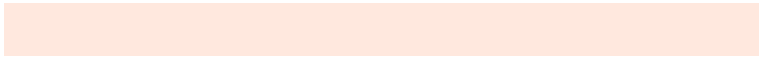


# Same Dimension

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



73.9477, 0.3305, 0.3375



84.4858, 0.3352, 0.3396



80.7301, 0.3290, 0.3504



15.8393, 0.3285, 0.3366



12.8382, 0.5911, 0.3689



1.1760, 0.5641, 0.3903

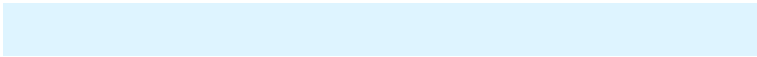


# Inverse Universe

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



76.1741, 0.2964, 0.3203



87.6758, 0.2925, 0.3182



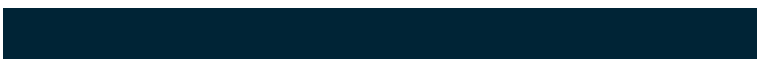
69.5259, 0.2962, 0.3067



16.2635, 0.2981, 0.3213



17.5602, 0.1948, 0.2213

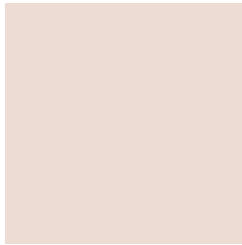


1.5511, 0.1995, 0.2380



# Previews

## White Background



This preview shows how the Yxy color 73.9444, 0.3305, 0.3375 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

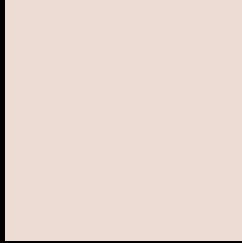
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 73.9444, 0.3305, 0.3375 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

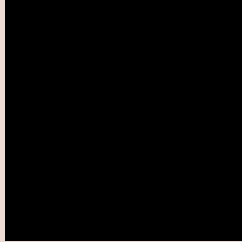
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

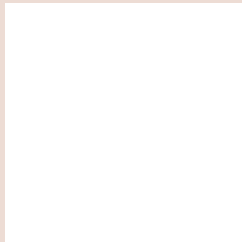
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 73.9444, 0.3305, 0.3375**

## Background



This preview shows how black text looks on a background with the Yxy color 73.9444, 0.3305, 0.3375.

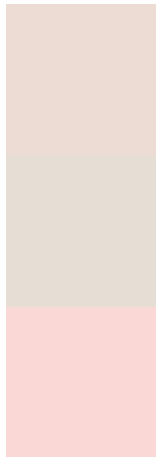


This preview shows how white text looks on a background with the Yxy color 73.9444, 0.3305, 0.3375.

# 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

73.9444, 0.3305, 0.3375

### Protanopia

73.8696, 0.3244, 0.3387

### Deuteranopia

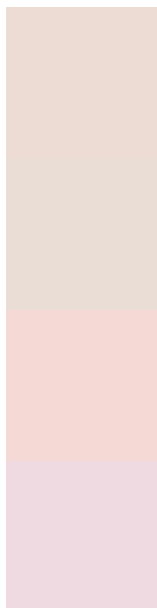
74.0556, 0.3392, 0.3322



## Tritanopia

74.0915, 0.3178, 0.3115

# Trichromacy



## Original Color

73.9444, 0.3305, 0.3375

## Protanomaly

73.8406, 0.3267, 0.3376

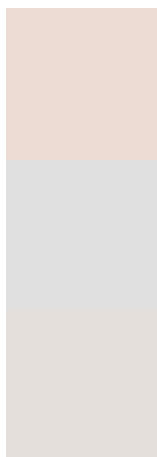
## Deuteranomaly

73.8423, 0.3361, 0.3332

## Tritanomaly

73.9845, 0.3225, 0.3207

# Monochromacy



## Original Color

73.9444, 0.3305, 0.3375

## Achromatopsia

74.5404, 0.3127, 0.3290

## Achromatomaly

74.6007, 0.3189, 0.3322

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 73.9444, 0.3305, 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(237, 220, 212)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 212)  
}
```

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, 220, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 212) }
```

## Border

The CSS property to change the border of an element to Yxy 73.9444, 0.3305, 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(237, 220, 212) }
```

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

```
.border{ border-color:rgb(237, 220, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 220, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 220, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 220, 212);  
box-shadow:4px 4px 4px 4px rgb(237, 220,  
212) }
```



# Background

The CSS property to change the background color of an element to Yxy 73.9444, 0.3305, 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(237, 220, 212) }
```

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

```
.background{ background-color: rgb(237,  
220, 212) }
```

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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