

Converting Colors

$Yxy(73.7477, 0.3336, 0.3401)$

Have a look what the booklet for
Yxy(73.7477, 0.3336, 0.3401)
contains.

Yxy(73.4436, 0.3334, 0.3396)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.4436, 0.3334, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	EEDBD1
RGB	238, 219, 209
RGB Percent	93%, 86%, 82%
CMY	0.0667, 0.1412, 0.1803
CMYK	0.00, 0.08, 0.12, 0.07
HSL	21°, 46%, 88%
HSV	21°, 12%, 93%
XYZ	72.1028, 73.4436, 70.7187
YIQ	223.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

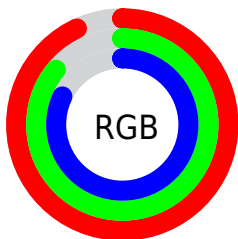
Format	Color
R _Y B	238, 224, 209
Decimal	15653841
CIE Lab	88.66, 4.89, 7.24
CIE LCh	89, 8.742, 55.954
Yxy	73.4436, 0.3334, 0.3396
Android (android.graphics.Color)	4293843921 (0xFFEEDBD1)
YUV	223.5410, -7.1687, 12.6805
Hunter-Lab	85.6992, 0.2067, 11.0636

Details

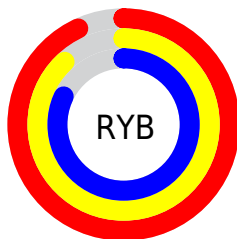
The Yxy color **73.4436, 0.3334, 0.3396** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2366, 0.2939, 0.3182**, and the grayscale version is **74.2442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8626, 0.3381, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **64.5882, 0.3538, 0.3489**, and if you desaturate by 10%, it is **83.2453, 0.3161, 0.3308**.

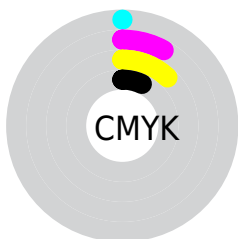
Distribution



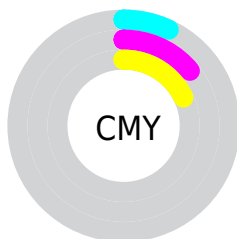
- Red (93%)
- Green (86%)
- Blue (82%)



- Red (93%)
- Yellow (88%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (7%)





- Cyan (7%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4436, 0.3334, 0.3396 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 73.4436, 0.3334, 0.3396 by changing the saturation by 10% instead.


 73.4436, 0.3334,
0.3396

 73.4436, 0.3334,
0.3396

472.5508, 0.3238,
0.3348

 54.3388, 0.3356,
0.3407


124.1068, 0.3301,
0.3379

 38.8726, 0.3383,
0.3420


156.4339, 0.3288,
0.3373

 26.6606, 0.3418,
0.3437


193.9372, 0.3276,
0.3367

 17.3185, 0.3463,
0.3458

237.0011, 0.3267,
0.3362

 10.4618, 0.3526,
0.3487

286.0101, 0.3258,
0.3358

 5.7062, 0.3616,
0.3528

341.3484, 0.3251,

 2.6673, 0.3758,

0.3354

0.3589

403.4005, 0.3244,
0.3351

0.9606, 0.4110,
0.3777

0.0000, 0.0000,
0.0000

73.4436, 0.3334,
0.3396

73.4436, 0.3334,
0.3396

64.5882, 0.3538,
0.3489

83.2453, 0.3161,
0.3308

56.6407, 0.3776,
0.3584

93.9052, 0.3024,
0.3243

49.5741, 0.4052,
0.3678

96.9170, 0.3023,
0.3290

43.3565, 0.4363,
0.3763

■ 37.9539, 0.4704,
0.3829

■ 33.3296, 0.5056,
0.3863

■ 29.4439, 0.5396,
0.3853

■ 26.2522, 0.5689,
0.3792

■ 24.1985, 0.5877,
0.3716

Harmonies

Analogous

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



73.4436, 0.3312, 0.3309



73.4436, 0.3334, 0.3396



73.4436, 0.3299, 0.3457

Triad

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



73.4436, 0.3334, 0.3396



73.4436, 0.3014, 0.3362



73.4436, 0.3035, 0.3113

Complementary

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



73.4436, 0.3334, 0.3396



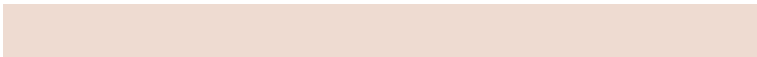
75.2366, 0.2939, 0.3182

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.



73.4436, 0.2957, 0.3124



73.4436, 0.3334, 0.3396



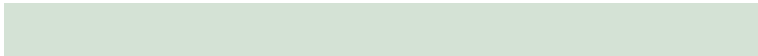
73.4436, 0.2945, 0.3267

Square

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



73.4436, 0.3334, 0.3396



73.4436, 0.3114, 0.3439



73.4436, 0.2925, 0.3179



73.4436, 0.3138, 0.3148

Rectangle

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



73.4436, 0.3334, 0.3396



73.4436, 0.3249, 0.3473



73.4436, 0.2925, 0.3179



73.4436, 0.3005, 0.3111

Sweetspot

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



73.4468, 0.3334, 0.3396



95.1663, 0.3191, 0.3324



69.4153, 0.3208, 0.3088



20.1793, 0.3203, 0.3331



0.0000, 0.0000, 0.0000



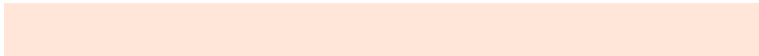
21.4041, 0.3127, 0.3290

Same Dimension

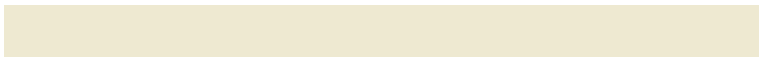
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4468, 0.3334, 0.3396



82.8030, 0.3389, 0.3422



81.1571, 0.3315, 0.3542



16.6483, 0.3285, 0.3372



13.7172, 0.5848, 0.3738



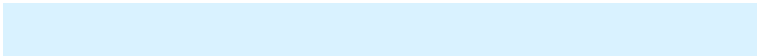
1.3199, 0.5595, 0.3939

Inverse Universe

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



75.2366, 0.2939, 0.3182



85.3397, 0.2893, 0.3154



67.7565, 0.2935, 0.3025



16.9596, 0.2980, 0.3207



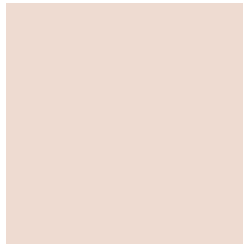
16.9755, 0.1923, 0.2123



1.5967, 0.1971, 0.2295

Previews

White Background



This preview shows how the Yxy color 73.4436, 0.3334, 0.3396 looks on a white background.

Color Contrast Check

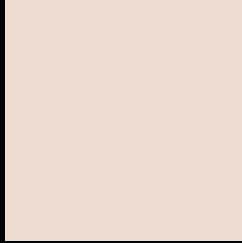
Large Text (above 18pt) WCAG AA × Fail

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 73.4436, 0.3334, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

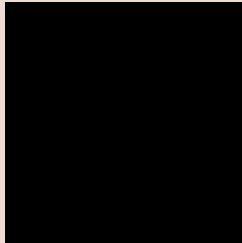
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

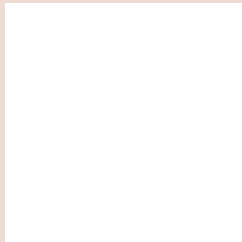
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4436, 0.3334, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 73.4436, 0.3334, 0.3396.

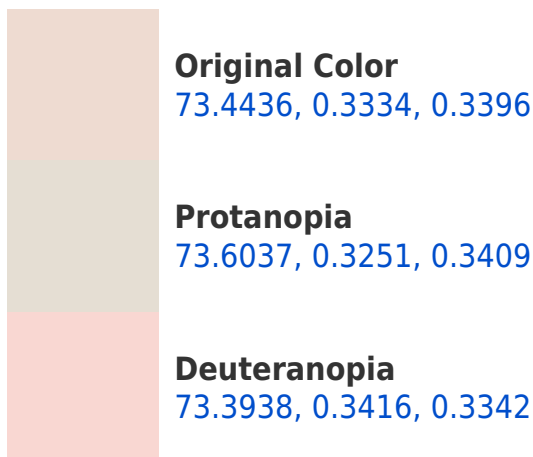


This preview shows how white text looks on a background with the Yxy color 73.4436, 0.3334, 0.3396.

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

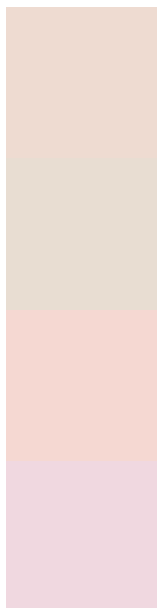




Tritanopia

73.1278, 0.3201, 0.3115

Trichromacy



Original Color

73.4436, 0.3334, 0.3396

Protanomaly

73.5219, 0.3280, 0.3408

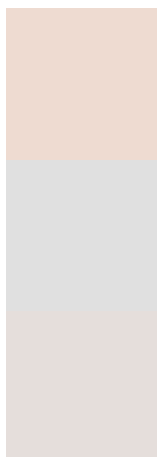
Deuteranomaly

73.1774, 0.3384, 0.3353

Tritanomaly

73.0188, 0.3248, 0.3207

Monochromacy



Original Color

73.4436, 0.3334, 0.3396

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.0150, 0.3197, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4436, 0.3334, 0.3396 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(238, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(238, 219, 209)  
}
```

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(238, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 219, 209) }
```

Border

The CSS property to change the border of an element to Yxy 73.4436, 0.3334, 0.3396 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(238, 219, 209) }
```

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

```
.border{ border-color:rgb(238, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(238, 219,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4436, 0.3334, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 219, 209) }
```

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

```
.background{ background-color: rgb(238,  
219, 209) }
```

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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