

Converting Colors

$Y_{xy}(74.3263, 0.3336, 0.3420)$

Have a look what the booklet for
Yxy(74.3263, 0.3336, 0.3420)
contains.

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Color

Yxy(74.4441, 0.3338, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	EEDDD0
RGB	238, 221, 208
RGB Percent	93%, 87%, 82%
CMY	0.0669, 0.1332, 0.1843
CMYK	0.00, 0.07, 0.13, 0.07
HSL	26°, 47%, 87%
HSV	26°, 13%, 93%
XYZ	72.4896, 74.4441, 70.2311
YIQ	224.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

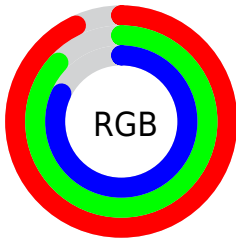
Format	Color
R _Y B	238, 231, 208
Decimal	15654352
CIE Lab	89.13, 3.67, 8.46
CIE LCh	89, 9.220, 66.549
Yxy	74.4441, 0.3338, 0.3428
Android (android.graphics.Color)	4293844432 (0xFFEEDDD0)
YUV	224.6010, -8.1843, 11.7509
Hunter-Lab	86.2810, -1.0236, 12.1358

Details

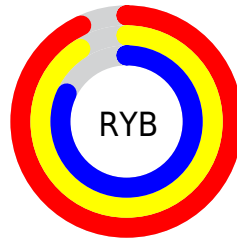
The Yxy color **74.4441, 0.3338, 0.3428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4002, 0.2931, 0.3148**, and the grayscale version is **75.0442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5506, 0.3386, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **66.5389, 0.3535, 0.3545**, and if you desaturate by 10%, it is **83.1010, 0.3167, 0.3317**.

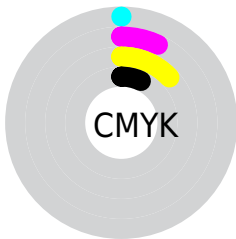
Distribution



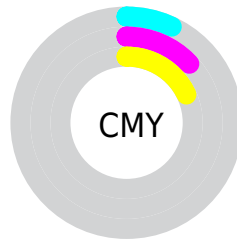
- Red (93%)
- Green (87%)
- Blue (82%)



- Red (93%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4441, 0.3338, 0.3428 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 74.4441, 0.3338, 0.3428 by changing the saturation by 10% instead.


 74.4441, 0.3338,
0.3428

 74.4441, 0.3338,
0.3428


476.0047, 0.3240,
0.3365

 55.1576, 0.3360,
0.3442


125.5251, 0.3304,
0.3406

 39.5279, 0.3388,
0.3460


158.0885, 0.3291,
0.3398

 27.1707, 0.3423,
0.3482


195.8462, 0.3280,
0.3391

 17.7014, 0.3469,
0.3510

239.1827, 0.3270,
0.3384

 10.7358, 0.3531,
0.3548

288.4825, 0.3261,
0.3379

 5.8895, 0.3621,
0.3602

344.1298, 0.3253,

 2.7780, 0.3762,

0.3374

0.3684

406.5090, 0.3247,
0.3369

■ 1.0170, 0.4117,
0.3920

■ 0.0000, 0.0000,
0.0000

■ 74.4441, 0.3338,
0.3428

■ 74.4441, 0.3338,
0.3428

■ 66.5389, 0.3535,
0.3545

■ 83.1010, 0.3167,
0.3317

■ 59.3546, 0.3762,
0.3664

■ 92.4810, 0.3024,
0.3220

■ 52.8722, 0.4018,
0.3781

■ 96.9082, 0.3023,
0.3290

■ 47.0683, 0.4301,
0.3888

■ 41.9180, 0.4604,
0.3974

■ 37.3944, 0.4913,
0.4027

■ 33.4682, 0.5207,
0.4032

■ 30.1065, 0.5463,
0.3983

■ 27.9483, 0.5624,
0.3917

Harmonies

Analogous

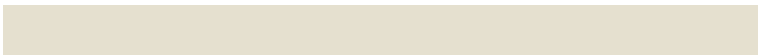
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4441, 0.3336, 0.3344



74.4441, 0.3338, 0.3428



74.4441, 0.3282, 0.3477

Triad

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



74.4441, 0.3338, 0.3428



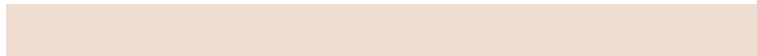
74.4441, 0.2978, 0.3331



74.4441, 0.3067, 0.3112

Complementary

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



74.4441, 0.3338, 0.3428



73.4002, 0.2931, 0.3148

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.



74.4441, 0.2973, 0.3106



74.4441, 0.3338, 0.3428



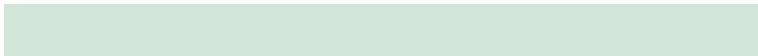
74.4441, 0.2922, 0.3231

Square

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



74.4441, 0.3338, 0.3428



74.4441, 0.3074, 0.3422



74.4441, 0.2921, 0.3149



74.4441, 0.3178, 0.3164

Rectangle

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



74.4441, 0.3338, 0.3428



74.4441, 0.3220, 0.3482



74.4441, 0.2921, 0.3149



74.4441, 0.3032, 0.3105

Sweetspot

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



74.4474, 0.3338, 0.3428



95.7355, 0.3190, 0.3333



68.7218, 0.3233, 0.3112



20.3231, 0.3202, 0.3341



0.0000, 0.0000, 0.0000



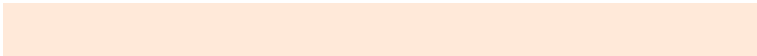
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4474, 0.3338, 0.3428



84.7450, 0.3384, 0.3456



82.6866, 0.3318, 0.3581



16.8887, 0.3282, 0.3393



15.8465, 0.5597, 0.3938



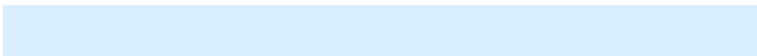
1.5126, 0.5368, 0.4120

Inverse Universe

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



73.4002, 0.2931, 0.3148



83.3032, 0.2892, 0.3118



65.6800, 0.2927, 0.2981



16.7121, 0.2980, 0.3185



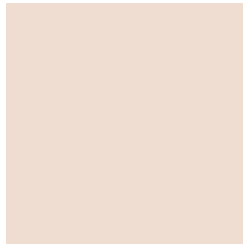
13.3079, 0.1834, 0.1802



1.3046, 0.1893, 0.2016

Previews

White Background



This preview shows how the Yxy color 74.4441, 0.3338, 0.3428 looks on a white background.

Color Contrast Check

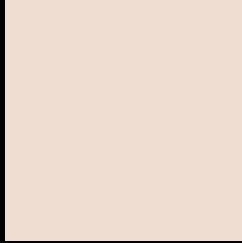
Large Text (above 18pt) WCAG AA × Fail

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 74.4441, 0.3338, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

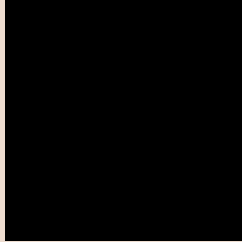
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

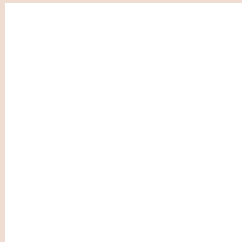
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4441, 0.3338, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 74.4441, 0.3338, 0.3428.

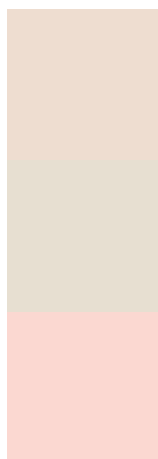


This preview shows how white text looks on a background with the Yxy color 74.4441, 0.3338, 0.3428.

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

74.4441, 0.3338, 0.3428

Protanopia

74.3677, 0.3278, 0.3440

Deuteranopia

74.2244, 0.3436, 0.3363



Tritanopia

74.4435, 0.3193, 0.3116

Trichromacy



Original Color

74.4441, 0.3338, 0.3428

Protanomaly

74.3384, 0.3301, 0.3429

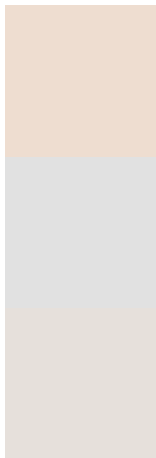
Deuteranomaly

74.3391, 0.3395, 0.3384

Tritanomaly

74.2798, 0.3246, 0.3218

Monochromacy



Original Color

74.4441, 0.3338, 0.3428

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.2488, 0.3202, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4441, 0.3338, 0.3428 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, 221, 208)` looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 208)  
}
```

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, 221, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 208) }
```

Border

The CSS property to change the border of an element to Yxy 74.4441, 0.3338, 0.3428 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, 221, 208) }
```

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

```
.border{ border-color:rgb(238, 221, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 221, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 221, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 221, 208);  
box-shadow:4px 4px 4px 4px rgb(238, 221,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4441, 0.3338, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 208) }
```

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

```
.background{ background-color: rgb(238,  
221, 208) }
```

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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