

Converting Colors

$Y_{xy}(75.2395, 0.3325, 0.3439)$

Have a look what the booklet for
Yxy(75.2395, 0.3325, 0.3439)
contains.

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Color

Yxy(75.3833, 0.3322, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	EDDFD1
RGB	237, 223, 209
RGB Percent	93%, 87%, 82%
CMY	0.0703, 0.1256, 0.1803
CMYK	0.00, 0.06, 0.12, 0.07
HSL	30°, 44%, 87%
HSV	30°, 12%, 93%
XYZ	72.8398, 75.3833, 71.0419
YIQ	225.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

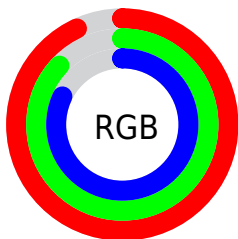
Format	Color
R _Y B	237, 237, 209
Decimal	15589329
CIE Lab	89.57, 2.51, 8.55
CIE LCh	90, 8.914, 73.673
Yxy	75.3833, 0.3322, 0.3438
Android (android.graphics.Color)	4293779409 (0xFFEDDFD1)
YUV	225.5900, -8.1789, 10.0066
Hunter-Lab	86.8236, -2.1903, 12.2635

Details

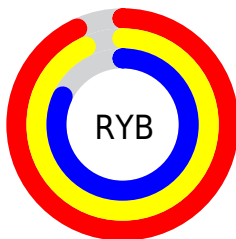
The Yxy color **75.3833, 0.3322, 0.3438** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5066, 0.2943, 0.3137**, and the grayscale version is **75.8034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1956, 0.3363, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **68.1595, 0.3512, 0.3570**, and if you desaturate by 10%, it is **83.2358, 0.3155, 0.3312**.

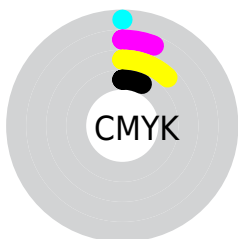
Distribution



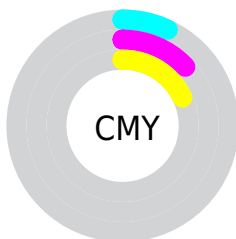
- Red (93%)
- Green (87%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (7%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3833, 0.3322, 0.3438 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 75.3833, 0.3322, 0.3438 by changing the saturation by 10% instead.

 75.3833, 0.3322,
0.3438

 75.3833, 0.3322,
0.3438


479.2340, 0.3232,
0.3370

 55.9270, 0.3342,
0.3453


126.8548, 0.3291,
0.3415

 40.1444, 0.3368,
0.3472


159.6387, 0.3279,
0.3406

 27.6511, 0.3400,
0.3496


197.6340, 0.3268,
0.3398

 18.0628, 0.3442,
0.3526

241.2250, 0.3259,
0.3391

 10.9951, 0.3498,
0.3568

290.7961, 0.3251,
0.3385

 6.0635, 0.3580,
0.3626

346.7317, 0.3244,

 2.8838, 0.3707,

0.3379

409.4162, 0.3238,
0.3375

0.3715

1.0714, 0.4010,
0.3944

0.0000, 1.0000,
0.0000

75.3833, 0.3322,
0.3438

75.3833, 0.3322,
0.3438

68.1595, 0.3512,
0.3570

83.2358, 0.3155,
0.3312

61.5375, 0.3728,
0.3706

91.6307, 0.3018,
0.3209

55.5031, 0.3968,
0.3840

96.7566, 0.3018,
0.3290

50.0374, 0.4229,
0.3963

■ 45.1206, 0.4505,
0.4066

■ 40.7312, 0.4783,
0.4135

■ 36.8454, 0.5046,
0.4158

■ 33.4367, 0.5277,
0.4127

■ 30.9790, 0.5437,
0.4065

Harmonies

Analogous

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



75.3833, 0.3334, 0.3363



75.3833, 0.3322, 0.3438



75.3833, 0.3257, 0.3475

Triad

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



75.3833, 0.3322, 0.3438



75.3833, 0.2967, 0.3307



75.3833, 0.3094, 0.3127

Complementary

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



75.3833, 0.3322, 0.3438



72.5066, 0.2943, 0.3137

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.



75.3833, 0.2997, 0.3110



75.3833, 0.3322, 0.3438



75.3833, 0.2925, 0.3212

Square

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



75.3833, 0.3322, 0.3438



75.3833, 0.3052, 0.3399



75.3833, 0.2936, 0.3140



75.3833, 0.3201, 0.3185

Rectangle

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



75.3833, 0.3322, 0.3438



75.3833, 0.3193, 0.3471



75.3833, 0.2936, 0.3140



75.3833, 0.3059, 0.3116

Sweetspot

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



75.3866, 0.3322, 0.3438



96.1358, 0.3190, 0.3339



68.9803, 0.3236, 0.3137



20.4244, 0.3202, 0.3348



0.0000, 0.0000, 0.0000



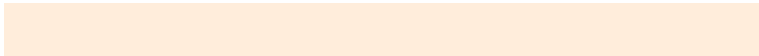
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3866, 0.3322, 0.3438



87.0009, 0.3362, 0.3467



82.9592, 0.3304, 0.3577



16.2929, 0.3280, 0.3408



17.1648, 0.5411, 0.4085



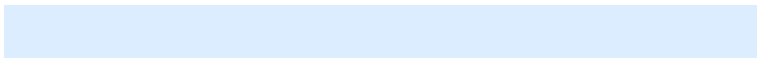
1.5402, 0.5198, 0.4255

Inverse Universe

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



72.5066, 0.2943, 0.3137



83.0266, 0.2907, 0.3106



65.5143, 0.2940, 0.2985



15.7989, 0.2981, 0.3170



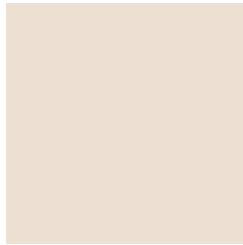
10.8060, 0.1774, 0.1587



1.0410, 0.1844, 0.1837

Previews

White Background



This preview shows how the Yxy color 75.3833, 0.3322, 0.3438 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 75.3833, 0.3322, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

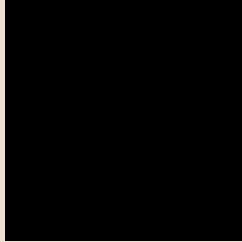
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3833, 0.3322, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 75.3833, 0.3322, 0.3438.

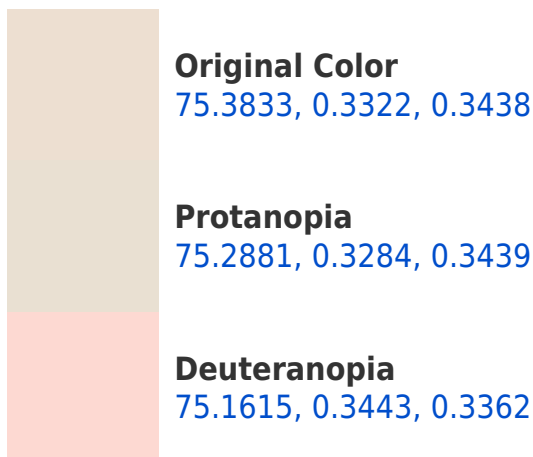


This preview shows how white text looks on a background with the Yxy color 75.3833, 0.3322, 0.3438.

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

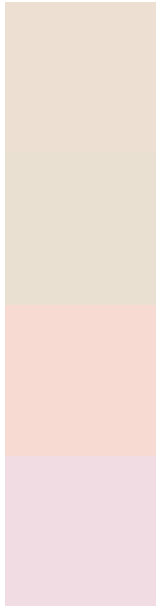




Tritanopia

75.4199, 0.3171, 0.3116

Trichromacy



Original Color

75.3833, 0.3322, 0.3438

Protanomaly

75.4569, 0.3292, 0.3439

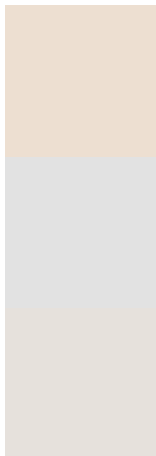
Deuteranomaly

75.0903, 0.3394, 0.3384

Tritanomaly

75.2027, 0.3230, 0.3228

Monochromacy



Original Color

75.3833, 0.3322, 0.3438

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8407, 0.3195, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3833, 0.3322, 0.3438 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, 223, 209)` looks like.

```
.text, #text, p{  
    color:rgb(237, 223, 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(237, 223, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 223, 209) }
```

Border

The CSS property to change the border of an element to Yxy 75.3833, 0.3322, 0.3438 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, 223, 209) }
```

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

```
.border{ border-color:rgb(237, 223, 209) }
```

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

Here you see how a box with a 4 pixel rgb(237, 223, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 223, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 223, 209);  
box-shadow:4px 4px 4px 4px rgb(237, 223,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3833, 0.3322, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 223, 209) }
```

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

```
.background{ background-color: rgb(237,  
223, 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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