

Converting Colors

Yxy(73.8313, 0.3330, 0.3450)

Have a look what the booklet for
Yxy(73.8313, 0.3330, 0.3450)
contains.

Yxy(73.8313, 0.3330, 0.3450)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.8313, 0.3330, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	EBDDCE
RGB	235, 221, 206
RGB Percent	92%, 87%, 81%
CMY	0.0784, 0.1333, 0.1920
CMYK	0.00, 0.06, 0.12, 0.08
HSL	31°, 42%, 86%
HSV	31°, 12%, 92%
XYZ	71.2633, 73.8313, 68.9092
YIQ	223.4760, 13.1590, -1.6970

Conversions

Conversions Part 2

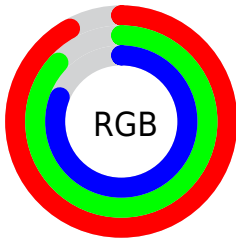
Format	Color
R _Y B	233, 235, 206
Decimal	15457742
CIE Lab	88.84, 2.33, 9.05
CIE LCh	89, 9.344, 75.591
Yxy	73.8313, 0.3330, 0.3450
Android (android.graphics.Color)	4293647822 (0xFFEBDDCE)
YUV	223.4760, -8.6157, 10.1065
Hunter-Lab	85.9251, -2.3275, 12.5989

Details

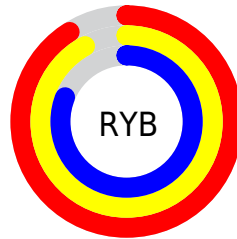
The Yxy color **73.8313, 0.3330, 0.3450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3355, 0.2935, 0.3125**, and the grayscale version is **74.2076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1231, 0.3375, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **66.9774, 0.3520, 0.3587**, and if you desaturate by 10%, it is **81.2687, 0.3163, 0.3319**.

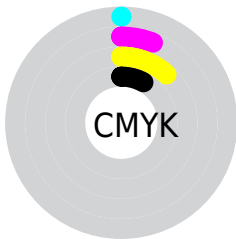
Distribution



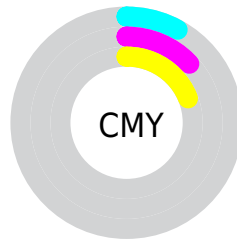
- Red (92%)
- Green (87%)
- Blue (81%)



- Red (91%)
- Yellow (92%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (8%)





- Cyan (8%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8313, 0.3330, 0.3450 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 73.8313, 0.3330, 0.3450 by changing the saturation by 10% instead.

 73.8313, 0.3330,
0.3450

 73.8313, 0.3330,
0.3450

473.8909, 0.3236,
0.3377

 54.6560, 0.3351,
0.3467


124.6566, 0.3297,
0.3425

 39.1264, 0.3378,
0.3487

157.0754, 0.3285,
0.3415

 26.8580, 0.3412,
0.3513


194.6775, 0.3274,
0.3406

 17.4666, 0.3456,
0.3547

237.8473, 0.3264,
0.3399

 10.5677, 0.3516,
0.3592

286.9691, 0.3256,
0.3392

 5.7770, 0.3603,
0.3657

342.4274, 0.3249,

 2.7099, 0.3738,

0.3386

0.3756

404.6065, 0.3242,
0.3381

0.9822, 0.4130,
0.4074

0.0000, 0.0000,
0.0000

73.8313, 0.3330,
0.3450

73.8313, 0.3330,
0.3450

66.9774, 0.3520,
0.3587

81.2687, 0.3163,
0.3319

60.6816, 0.3734,
0.3728

89.2946, 0.3017,
0.3197

54.9309, 0.3971,
0.3866

96.4037, 0.3005,
0.3290

49.7079, 0.4227,
0.3993

■ 44.9942, 0.4496,
0.4099

■ 40.7699, 0.4764,
0.4170

■ 37.0128, 0.5017,
0.4195

■ 33.6982, 0.5236,
0.4165

■ 31.4306, 0.5380,
0.4110

Harmonies

Analogous

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



73.8313, 0.3347, 0.3373



73.8313, 0.3330, 0.3450



73.8313, 0.3258, 0.3486

Triad

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



73.8313, 0.3330, 0.3450



73.8313, 0.2953, 0.3301



73.8313, 0.3099, 0.3121

Complementary

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



73.8313, 0.3330, 0.3450



70.3355, 0.2935, 0.3125

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.



73.8313, 0.2996, 0.3100



73.8313, 0.3330, 0.3450



73.8313, 0.2913, 0.3201

Square

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



73.8313, 0.3330, 0.3450



73.8313, 0.3041, 0.3399



73.8313, 0.2928, 0.3128



73.8313, 0.3212, 0.3185

Rectangle

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



73.8313, 0.3330, 0.3450



73.8313, 0.3189, 0.3480



73.8313, 0.2928, 0.3128



73.8313, 0.3062, 0.3108

Sweetspot

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



73.8346, 0.3330, 0.3450



96.2539, 0.3190, 0.3341



67.0186, 0.3244, 0.3136



20.4543, 0.3202, 0.3351



0.0000, 0.0000, 0.0000



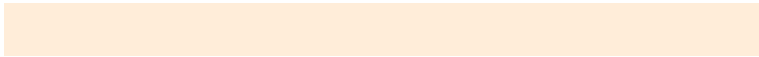
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8346, 0.3330, 0.3450



86.5392, 0.3380, 0.3487



81.5434, 0.3311, 0.3594



16.3409, 0.3280, 0.3412



17.7483, 0.5357, 0.4129



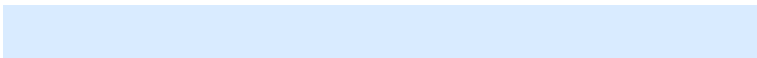
1.5862, 0.5152, 0.4291

Inverse Universe

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



70.3355, 0.2935, 0.3125



81.4902, 0.2891, 0.3085



63.2855, 0.2931, 0.2966



15.7510, 0.2981, 0.3165



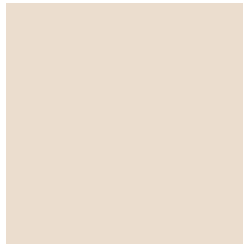
10.2425, 0.1757, 0.1526



0.9962, 0.1828, 0.1781

Previews

White Background



This preview shows how the Yxy color 73.8313, 0.3330, 0.3450 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 73.8313, 0.3330, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

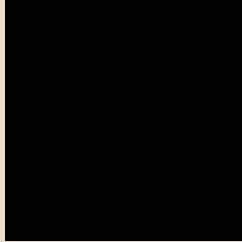
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

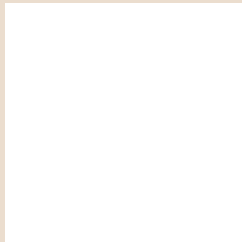
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8313, 0.3330, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 73.8313, 0.3330, 0.3450.

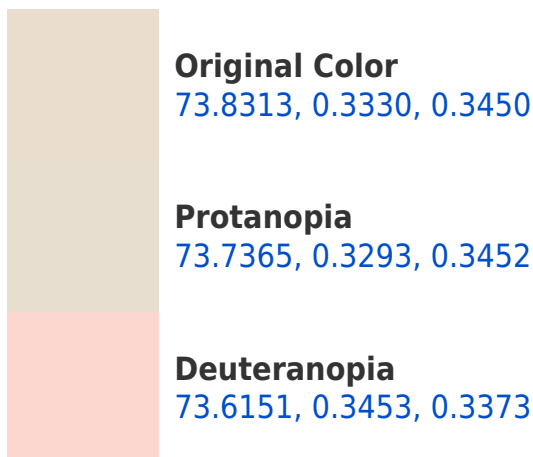


This preview shows how white text looks on a background with the Yxy color 73.8313, 0.3330, 0.3450.

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

73.9169, 0.3171, 0.3115

Trichromacy



Original Color

73.8313, 0.3330, 0.3450

Protanomaly

73.9034, 0.3300, 0.3451

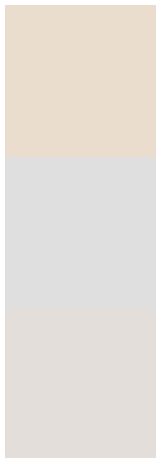
Deuteranomaly

73.5432, 0.3404, 0.3395

Tritanomaly

73.7018, 0.3231, 0.3228

Monochromacy



Original Color

73.8313, 0.3330, 0.3450

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.5832, 0.3196, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8313, 0.3330, 0.3450 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(235, 221, 206)` looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 206)  
}
```

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(235, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 206) }
```

Border

The CSS property to change the border of an element to Yxy 73.8313, 0.3330, 0.3450 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(235, 221, 206) }
```

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

```
.border{ border-color:rgb(235, 221, 206) }
```

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

Here you see how a box with a 4 pixel rgb(235, 221, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8313, 0.3330, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 206) }
```

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

```
.background{ background-color: rgb(235,  
221, 206) }
```

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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