

Converting Colors

$Yxy(73.3451, 0.3358, 0.3512)$

Have a look what the booklet for
Yxy(73.3451, 0.3358, 0.3512)
contains.

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Color

Yxy(73.3755, 0.3364, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	EADDC8
RGB	234, 221, 200
RGB Percent	92%, 87%, 78%
CMY	0.0825, 0.1333, 0.2156
CMYK	0.00, 0.06, 0.15, 0.08
HSL	37°, 45%, 85%
HSV	37°, 15%, 92%
XYZ	70.2034, 73.3755, 65.1114
YIQ	222.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

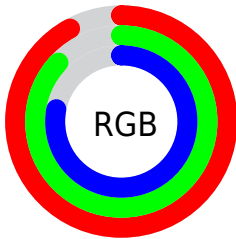
Format	Color
R _Y B	221, 234, 200
Decimal	15392200
CIE Lab	88.63, 0.99, 11.89
CIE LCh	89, 11.934, 85.222
Yxy	73.3755, 0.3364, 0.3516
Android (android.graphics.Color)	4293582280 (0xFFEADD C8)
YUV	222.4930, -11.0890, 10.0916
Hunter-Lab	85.6595, -3.6120, 14.8942

Details

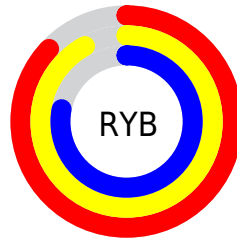
The Yxy color **73.3755, 0.3364, 0.3516** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7805, 0.2899, 0.3053**, and the grayscale version is **73.4846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8127, 0.3420, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **67.7826, 0.3550, 0.3680**, and if you desaturate by 10%, it is **79.3923, 0.3197, 0.3358**.

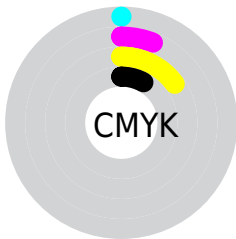
Distribution



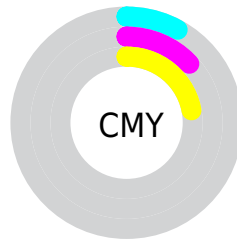
- Red (92%)
- Green (87%)
- Blue (78%)



- Red (87%)
- Yellow (92%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3755, 0.3364, 0.3516 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 73.3755, 0.3364, 0.3516 by changing the saturation by 10% instead.

73.3755, 0.3364,
0.3516

73.3755, 0.3364,
0.3516

472.3152, 0.3254,
0.3412

54.2831, 0.3389,
0.3540

124.0101, 0.3326,
0.3480

38.8280, 0.3420,
0.3569

156.3211, 0.3311,
0.3466

26.6260, 0.3459,
0.3606

193.8071, 0.3298,
0.3454

17.2925, 0.3510,
0.3654

236.8524, 0.3287,
0.3443

10.4433, 0.3580,
0.3719

285.8415, 0.3278,
0.3434

5.6938, 0.3680,
0.3812

341.1587, 0.3269,

2.6598, 0.3834,

0.3426

0.3955

403.1885, 0.3261,
0.3418

■ 0.9568, 0.4452,
0.4555

■ 0.0000, 0.0000,
0.0000

■ 73.3755, 0.3364,
0.3516

■ 73.3755, 0.3364,
0.3516

■ 67.7826, 0.3550,
0.3680

■ 79.3923, 0.3197,
0.3358

■ 62.5925, 0.3753,
0.3845

■ 85.8342, 0.3047,
0.3209

■ 57.7964, 0.3971,
0.4006

■ 91.6970, 0.2999,
0.3218

■ 53.3812, 0.4198,
0.4152

■ 96.2250, 0.2999,
0.3290

■ 49.3332, 0.4426,
0.4273

■ 45.6369, 0.4643,
0.4357

■ 42.2752, 0.4839,
0.4393

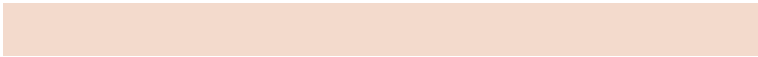
■ 39.2278, 0.5002,
0.4375

■ 37.6734, 0.5080,
0.4348

Harmonies

Analogous

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



73.3755, 0.3411, 0.3431



73.3755, 0.3364, 0.3516



73.3755, 0.3254, 0.3542

Triad

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



73.3755, 0.3364, 0.3516



73.3755, 0.2881, 0.3260



73.3755, 0.3138, 0.3095

Complementary

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



73.3755, 0.3364, 0.3516



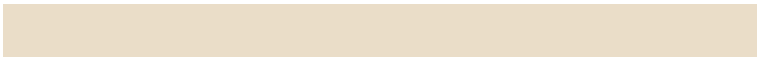
65.7805, 0.2899, 0.3053

Split Complementary

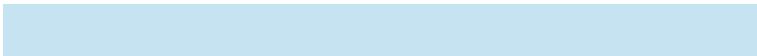
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3755, 0.2998, 0.3049



73.3755, 0.3364, 0.3516



73.3755, 0.2852, 0.3140

Square

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



73.3755, 0.3364, 0.3516



73.3755, 0.2976, 0.3392



73.3755, 0.2894, 0.3065



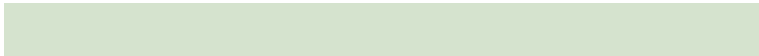
73.3755, 0.3278, 0.3190

Rectangle

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



73.3755, 0.3364, 0.3516



73.3755, 0.3160, 0.3519



73.3755, 0.2894, 0.3065



73.3755, 0.3089, 0.3074

Sweetspot

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



73.3788, 0.3364, 0.3516



96.9052, 0.3189, 0.3351



63.6034, 0.3298, 0.3150



20.6191, 0.3201, 0.3362



0.0000, 0.0000, 0.0000



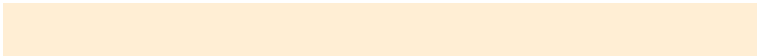
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3788, 0.3364, 0.3516



87.4244, 0.3410, 0.3558



79.8137, 0.3316, 0.3652



16.6067, 0.3277, 0.3436



21.4296, 0.5062, 0.4362



1.8675, 0.4910, 0.4484

Inverse Universe

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



65.7805, 0.2899, 0.3053



76.7458, 0.2856, 0.3007



60.0843, 0.2922, 0.2907



15.4899, 0.2980, 0.3140



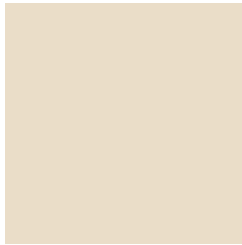
7.5943, 0.1670, 0.1211



0.7770, 0.1746, 0.1487

Previews

White Background



This preview shows how the Yxy color 73.3755, 0.3364, 0.3516 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 73.3755, 0.3364, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

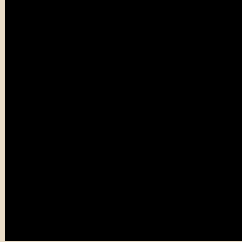
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

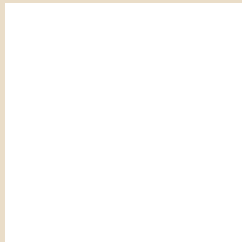
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3755, 0.3364, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 73.3755, 0.3364, 0.3516.

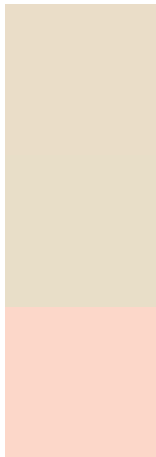


This preview shows how white text looks on a background with the Yxy color 73.3755, 0.3364, 0.3516.

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

73.3755, 0.3364, 0.3516

Protanopia

73.5685, 0.3348, 0.3527

Deuteranopia

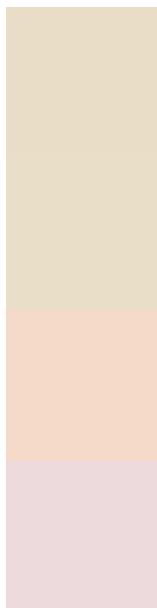
73.5134, 0.3504, 0.3435



Tritanopia

73.1721, 0.3171, 0.3114

Trichromacy



Original Color

73.3755, 0.3364, 0.3516

Protanomaly

73.7363, 0.3355, 0.3527

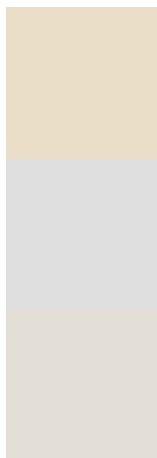
Deuteranomaly

73.2552, 0.3447, 0.3458

Tritanomaly

73.3678, 0.3245, 0.3259

Monochromacy



Original Color

73.3755, 0.3364, 0.3516

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2663, 0.3209, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3755, 0.3364, 0.3516 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(234, 221, 200)` looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 200)  
}
```

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(234, 221, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 200) }
```

Border

The CSS property to change the border of an element to Yxy 73.3755, 0.3364, 0.3516 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(234, 221, 200) }
```

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

```
.border{ border-color:rgb(234, 221, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 221, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 221, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 221, 200);  
box-shadow:4px 4px 4px 4px rgb(234, 221,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3755, 0.3364, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 221, 200) }
```

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

```
.background{ background-color: rgb(234,  
221, 200) }
```

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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