

Converting Colors

$Y_{xy}(75.2258, 0.3369, 0.3524)$

Have a look what the booklet for
Yxy(75.2258, 0.3369, 0.3524)
contains.

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Color

Yxy(75.5801, 0.3368, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	EDE0CA
RGB	237, 224, 202
RGB Percent	93%, 88%, 79%
CMY	0.0707, 0.1215, 0.2078
CMYK	0.00, 0.05, 0.15, 0.07
HSL	38°, 49%, 86%
HSV	38°, 15%, 93%
XYZ	72.2343, 75.5801, 66.6580
YIQ	225.3790, 14.8100, -4.0860

Conversions

Conversions Part 2

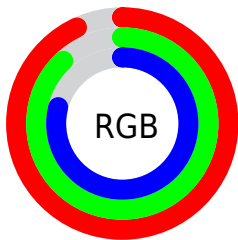
Format	Color
R _Y B	223, 237, 202
Decimal	15589578
CIE Lab	89.66, 0.84, 12.36
CIE LCh	90, 12.386, 86.116
Yxy	75.5801, 0.3368, 0.3524
Android (android.graphics.Color)	4293779658 (0xFFE0CA)
YUV	225.3790, -11.5258, 10.1916
Hunter-Lab	86.9368, -3.8268, 15.3957

Details

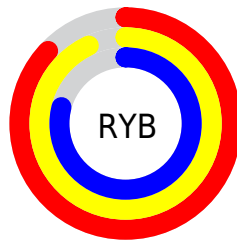
The Yxy color **75.5801, 0.3368, 0.3524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2495, 0.2894, 0.3044**, and the grayscale version is **75.6581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3378, 0.3424, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **69.9468, 0.3553, 0.3691**, and if you desaturate by 10%, it is **81.6362, 0.3201, 0.3363**.

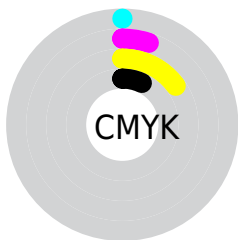
Distribution



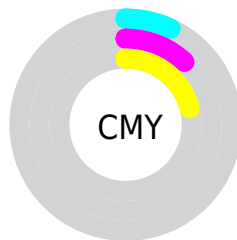
- Red (93%)
- Green (88%)
- Blue (79%)



- Red (87%)
- Yellow (93%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (7%)





- Cyan (7%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5801, 0.3368, 0.3524 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 75.5801, 0.3368, 0.3524 by changing the saturation by 10% instead.


 75.5801, 0.3368,
0.3524

 75.5801, 0.3368,
0.3524


479.9091, 0.3257,
0.3417

 56.0883, 0.3393,
0.3548


127.1332, 0.3330,
0.3487

 40.2737, 0.3424,
0.3578


159.9632, 0.3315,
0.3472

 27.7520, 0.3463,
0.3616


198.0081, 0.3302,
0.3460

 18.1388, 0.3514,
0.3665

241.6522, 0.3291,
0.3449

 11.0497, 0.3583,
0.3731

291.2800, 0.3281,
0.3440

 6.1003, 0.3681,
0.3824

347.2758, 0.3272,

 2.9061, 0.3831,

0.3431

0.3966

410.0240, 0.3264,
0.3423

■ 1.0829, 0.4321,
0.4444

■ 0.0000, 0.0000,
0.0000

■ 75.5801, 0.3368,
0.3524

■ 75.5801, 0.3368,
0.3524

■ 69.9468, 0.3553,
0.3691

■ 81.6362, 0.3201,
0.3363

■ 64.7148, 0.3755,
0.3859

■ 88.1160, 0.3051,
0.3212

■ 59.8752, 0.3971,
0.4022

■ 93.8125, 0.3017,
0.3244

■ 55.4152, 0.4195,
0.4170

■ 96.7398, 0.3017,
0.3290

■ 51.3205, 0.4419,
0.4292

■ 47.5758, 0.4632,
0.4377

■ 44.1636, 0.4822,
0.4413

■ 41.0634, 0.4979,
0.4396

■ 39.5482, 0.5051,
0.4372

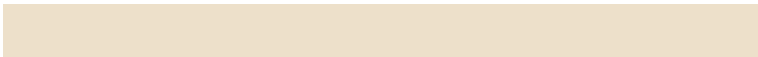
Harmonies

Analogous

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



75.5801, 0.3418, 0.3438



75.5801, 0.3368, 0.3524



75.5801, 0.3253, 0.3548

Triad

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



75.5801, 0.3368, 0.3524



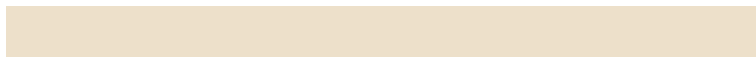
75.5801, 0.2873, 0.3255



75.5801, 0.3143, 0.3092

Complementary

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



75.5801, 0.3368, 0.3524



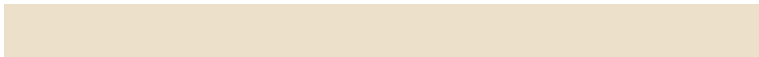
67.2495, 0.2894, 0.3044

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.



75.5801, 0.2998, 0.3044



75.5801, 0.3368, 0.3524



75.5801, 0.2845, 0.3133

Square

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



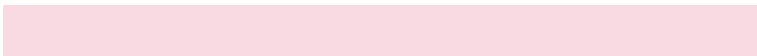
75.5801, 0.3368, 0.3524



75.5801, 0.2968, 0.3391



75.5801, 0.2890, 0.3057



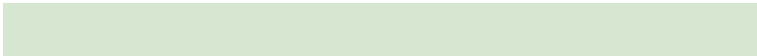
75.5801, 0.3286, 0.3191

Rectangle

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



75.5801, 0.3368, 0.3524



75.5801, 0.3156, 0.3524



75.5801, 0.2890, 0.3057



75.5801, 0.3093, 0.3070

Sweetspot

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



75.5835, 0.3368, 0.3524



96.9727, 0.3189, 0.3352



65.1687, 0.3301, 0.3147



20.6362, 0.3201, 0.3364



0.0000, 0.0000, 0.0000



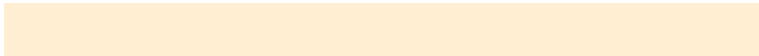
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5835, 0.3368, 0.3524



87.0134, 0.3427, 0.3579



82.1224, 0.3320, 0.3659



16.6343, 0.3277, 0.3438



21.8570, 0.5033, 0.4386



1.8993, 0.4886, 0.4503

Inverse Universe

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



67.2495, 0.2894, 0.3044



75.2408, 0.2839, 0.2983



61.4879, 0.2918, 0.2899



15.4631, 0.2980, 0.3138



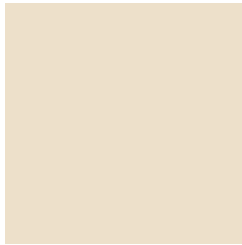
7.3625, 0.1662, 0.1181



0.7569, 0.1738, 0.1457

Previews

White Background



This preview shows how the Yxy color 75.5801, 0.3368, 0.3524 looks on a white background.

Color Contrast Check

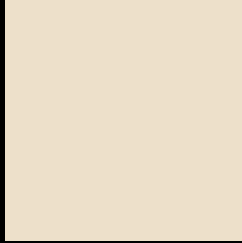
Large Text (above 18pt) WCAG AA × Fail

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 75.5801, 0.3368, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

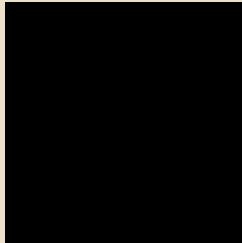
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

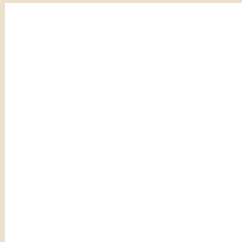
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5801, 0.3368, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 75.5801, 0.3368, 0.3524.

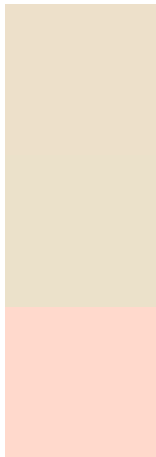


This preview shows how white text looks on a background with the Yxy color 75.5801, 0.3368, 0.3524.

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

75.5801, 0.3368, 0.3524

Protanopia

75.7769, 0.3352, 0.3535

Deuteranopia

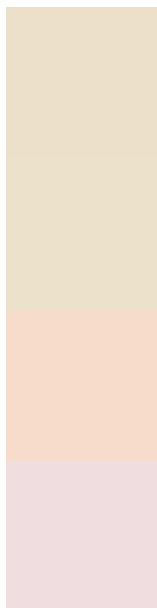
75.2453, 0.3501, 0.3423



Tritanopia

75.5964, 0.3178, 0.3116

Trichromacy



Original Color

75.5801, 0.3368, 0.3524

Protanomaly

75.9476, 0.3359, 0.3535

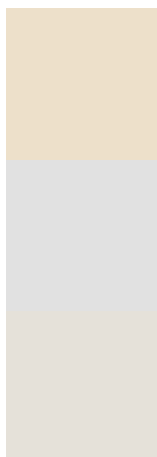
Deuteranomaly

75.4547, 0.3450, 0.3467

Tritanomaly

75.6200, 0.3243, 0.3259

Monochromacy



Original Color

75.5801, 0.3368, 0.3524

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.5182, 0.3208, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5801, 0.3368, 0.3524 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, 224, 202)` looks like.

```
.text, #text, p{  
    color:rgb(237, 224, 202)  
}
```

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, 224, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 224, 202) }
```

Border

The CSS property to change the border of an element to Yxy 75.5801, 0.3368, 0.3524 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, 224, 202) }
```

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

```
.border{ border-color:rgb(237, 224, 202) }
```

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

Here you see how a box with a 4 pixel rgb(237, 224, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 224, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 224, 202);  
box-shadow:4px 4px 4px 4px rgb(237, 224,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5801, 0.3368, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 224, 202) }
```

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

```
.background{ background-color: rgb(237,  
224, 202) }
```

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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