

Converting Colors

$Yxy(74.3797, 0.3367, 0.3524)$

Have a look what the booklet for
Yxy(74.3797, 0.3367, 0.3524)
contains.

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Color

Yxy(74.1218, 0.3363, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	EBDEC9
RGB	235, 222, 201
RGB Percent	92%, 87%, 79%
CMY	0.0786, 0.1293, 0.2117
CMYK	0.00, 0.06, 0.14, 0.08
HSL	37°, 46%, 85%
HSV	37°, 14%, 92%
XYZ	70.9165, 74.1218, 65.8345
YIQ	223.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

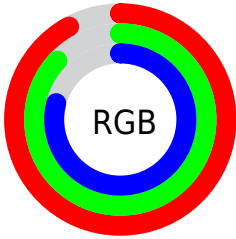
Format	Color
RYB	222, 235, 201
Decimal	15457993
CIELab	88.98, 1.00, 11.88
CIElCh	89, 11.922, 85.210
Yxy	74.1218, 0.3363, 0.3515
Android (android.graphics.Color)	4293648073 (0xFFEBDEC9)
YUV	223.4930, -11.0890, 10.0916
Hunter-Lab	86.0940, -3.6322, 14.9279

Details

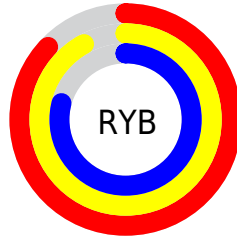
The Yxy color **74.1218, 0.3363, 0.3515** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4874, 0.2900, 0.3054**, and the grayscale version is **74.2328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3277, 0.3418, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **68.4683, 0.3549, 0.3679**, and if you desaturate by 10%, it is **80.2040, 0.3196, 0.3357**.

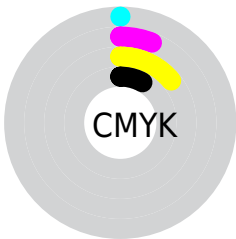
Distribution



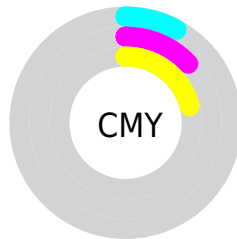
- Red (92%)
- Green (87%)
- Blue (79%)



- Red (87%)
- Yellow (92%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (8%)





- Cyan (8%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1218, 0.3363, 0.3515 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 74.1218, 0.3363, 0.3515 by changing the saturation by 10% instead.


 74.1218, 0.3363,
0.3515

 74.1218, 0.3363,
0.3515


474.8936, 0.3254,
0.3411

 54.8937, 0.3388,
0.3539

125.0685, 0.3325,
0.3479

 39.3166, 0.3418,
0.3567

157.5558, 0.3311,
0.3465

 27.0061, 0.3457,
0.3604


195.2318, 0.3298,
0.3453

 17.5778, 0.3508,
0.3652


238.4807, 0.3287,
0.3443

 10.6473, 0.3577,
0.3716

287.6869, 0.3277,
0.3433

 5.8302, 0.3675,
0.3808

343.2349, 0.3269,

 2.7421, 0.3827,

0.3425

0.3948

405.5090, 0.3261,
0.3418

0.9986, 0.4383,
0.4486

0.0000, 0.0000,
0.0000

74.1218, 0.3363,
0.3515

74.1218, 0.3363,
0.3515

68.4683, 0.3549,
0.3679

80.2040, 0.3196,
0.3357

63.2220, 0.3752,
0.3844

86.7159, 0.3046,
0.3209

58.3740, 0.3970,
0.4005

92.5625, 0.3005,
0.3229

53.9113, 0.4197,
0.4151

96.3958, 0.3005,
0.3290

■ 49.8198, 0.4425,
0.4273

■ 46.0839, 0.4643,
0.4356

■ 42.6864, 0.4839,
0.4392

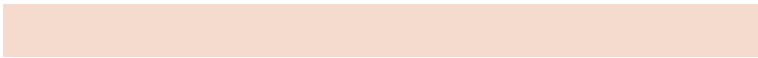
■ 39.6068, 0.5002,
0.4375

■ 38.0193, 0.5081,
0.4348

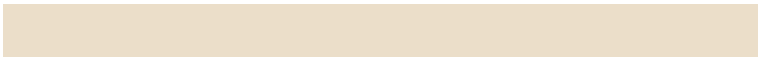
Harmonies

Analogous

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



74.1218, 0.3409, 0.3430



74.1218, 0.3363, 0.3515



74.1218, 0.3253, 0.3541

Triad

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



74.1218, 0.3363, 0.3515



74.1218, 0.2882, 0.3260



74.1218, 0.3138, 0.3096

Complementary

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



74.1218, 0.3363, 0.3515



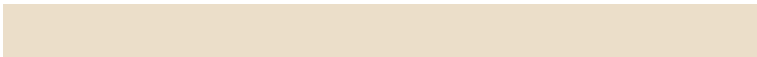
66.4874, 0.2900, 0.3054

Split Complementary

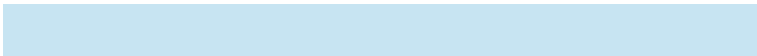
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1218, 0.2998, 0.3051



74.1218, 0.3363, 0.3515



74.1218, 0.2853, 0.3141

Square

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



74.1218, 0.3363, 0.3515



74.1218, 0.2976, 0.3392



74.1218, 0.2895, 0.3066



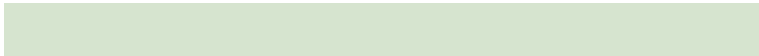
74.1218, 0.3278, 0.3191

Rectangle

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



74.1218, 0.3363, 0.3515



74.1218, 0.3160, 0.3518



74.1218, 0.2895, 0.3066



74.1218, 0.3089, 0.3075

Sweetspot

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



74.1251, 0.3363, 0.3515



96.9038, 0.3189, 0.3351



64.2915, 0.3297, 0.3150



20.6188, 0.3201, 0.3362



0.0000, 0.0000, 0.0000



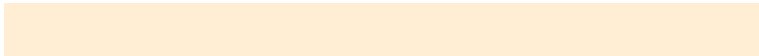
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1251, 0.3363, 0.3515



87.4190, 0.3410, 0.3558



80.6021, 0.3316, 0.3651



16.6061, 0.3277, 0.3436



21.4211, 0.5063, 0.4362



1.8669, 0.4910, 0.4483

Inverse Universe

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



66.4874, 0.2900, 0.3054



76.7510, 0.2856, 0.3007



60.7507, 0.2923, 0.2908



15.4904, 0.2980, 0.3140



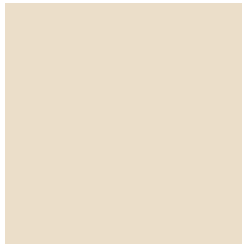
7.5990, 0.1670, 0.1211



0.7774, 0.1747, 0.1487

Previews

White Background



This preview shows how the Yxy color 74.1218, 0.3363, 0.3515 looks on a white background.

Color Contrast Check

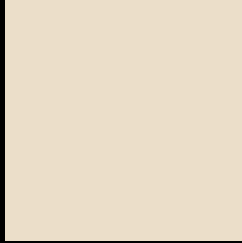
Large Text (above 18pt) WCAG AA × Fail

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 74.1218, 0.3363, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

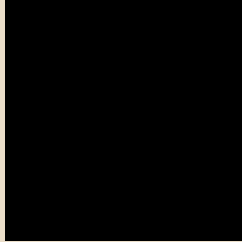
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

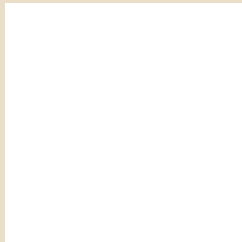
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1218, 0.3363, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 74.1218, 0.3363, 0.3515.

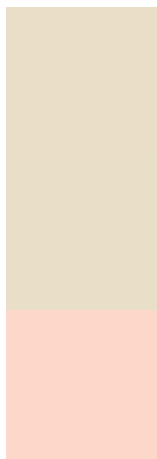


This preview shows how white text looks on a background with the Yxy color 74.1218, 0.3363, 0.3515.

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

74.1218, 0.3363, 0.3515

Protanopia

74.3160, 0.3347, 0.3527

Deuteranopia

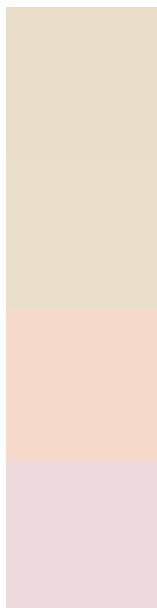
73.7478, 0.3504, 0.3425



Tritanopia

73.9169, 0.3171, 0.3115

Trichromacy



Original Color

74.1218, 0.3363, 0.3515

Protanomaly

74.4848, 0.3354, 0.3526

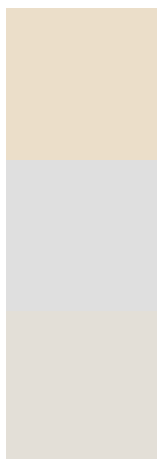
Deuteranomaly

73.9999, 0.3446, 0.3458

Tritanomaly

74.1141, 0.3244, 0.3259

Monochromacy



Original Color

74.1218, 0.3363, 0.3515

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0125, 0.3208, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1218, 0.3363, 0.3515 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, 222, 201)` looks like.

```
.text, #text, p{  
    color:rgb(235, 222, 201)  
}
```

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, 222, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 222, 201) }
```

Border

The CSS property to change the border of an element to Yxy 74.1218, 0.3363, 0.3515 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, 222, 201) }
```

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

```
.border{ border-color:rgb(235, 222, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 222, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 222, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 222, 201);  
box-shadow:4px 4px 4px 4px rgb(235, 222,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1218, 0.3363, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 222, 201) }
```

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

```
.background{ background-color: rgb(235,  
222, 201) }
```

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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