

Converting Colors

$Yxy(74.3796, 0.3317, 0.3576)$

Have a look what the booklet for
Yxy(74.3796, 0.3317, 0.3576)
contains.

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Color

Yxy(74.3048, 0.3314, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	E3E1C7
RGB	227, 225, 199
RGB Percent	89%, 88%, 78%
CMY	0.1097, 0.1177, 0.2196
CMYK	0.00, 0.01, 0.12, 0.11
HSL	56°, 33%, 84%
HSV	56°, 12%, 89%
XYZ	68.9186, 74.3048, 64.7386
YIQ	222.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

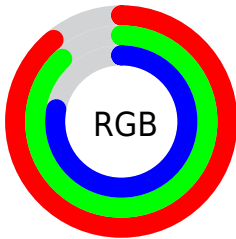
Format	Color
RYB	201, 227, 199
Decimal	14934471
CIELab	89.07, -3.68, 12.97
CIELCh	89, 13.484, 105.821
Yxy	74.3048, 0.3314, 0.3573
Android (android.graphics.Color)	4293124551 (0xFFE3E1C7)
YUV	222.6340, -11.6516, 3.8290
Hunter-Lab	86.2002, -8.1365, 15.8119

Details

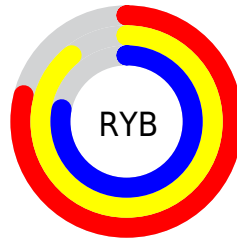
The Yxy color **74.3048, 0.3314, 0.3573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4749, 0.2932, 0.2990**, and the grayscale version is **73.6020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5644, 0.3362, 0.3644** is the 20% darker color. If you saturate the color by 10%, you get **72.4456, 0.3472, 0.3809**, and if you desaturate by 10%, it is **76.3365, 0.3162, 0.3343**.

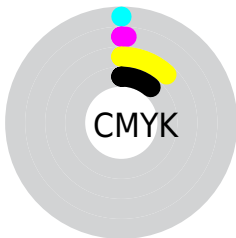
Distribution



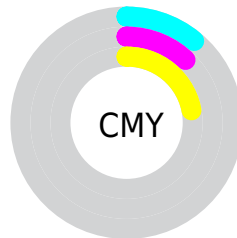
- Red (89%)
- Green (88%)
- Blue (78%)



- Red (79%)
- Yellow (89%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3048, 0.3314, 0.3573 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 74.3048, 0.3314, 0.3573 by changing the saturation by 10% instead.

■ 74.3048, 0.3314,
0.3573

■ 74.3048, 0.3314,
0.3573

475.5247, 0.3228,
0.3442

■ 55.0435, 0.3333,
0.3603

125.3278, 0.3284,
0.3527

■ 39.4366, 0.3357,
0.3640

157.8583, 0.3273,
0.3510

■ 27.0995, 0.3387,
0.3688

195.5807, 0.3263,
0.3494

■ 17.6480, 0.3426,
0.3750

238.8794, 0.3254,
0.3481

■ 10.6976, 0.3478,
0.3835

288.1387, 0.3247,
0.3469

■ 5.8639, 0.3552,
0.3957

343.7431, 0.3240,

■ 2.7625, 0.3662,

0.3459

0.4149

406.0770, 0.3234,
0.3450

1.0090, 0.4198,
0.4900

0.0000, 0.0000,
0.0000

74.3048, 0.3314,
0.3573

74.3048, 0.3314,
0.3573

72.4456, 0.3472,
0.3809

76.3365, 0.3162,
0.3343

70.7420, 0.3631,
0.4043

78.5373, 0.3018,
0.3123

69.1899, 0.3786,
0.4268

80.1125, 0.2954,
0.3034

67.7811, 0.3932,
0.4473

81.0323, 0.2954,
0.3051

66.5067, 0.4061,
0.4648

81.9608, 0.2955,
0.3068

65.3567, 0.4168,
0.4786

82.8980, 0.2955,
0.3085

64.3195, 0.4248,
0.4881

83.8438, 0.2955,
0.3102

63.3814, 0.4302,
0.4931

84.7985, 0.2955,
0.3119

62.7134, 0.4328,
0.4946

85.7619, 0.2956,
0.3136

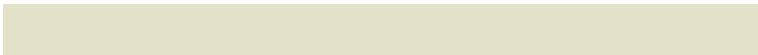
Harmonies

Analogous

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



74.3048, 0.3419, 0.3520



74.3048, 0.3314, 0.3573



74.3048, 0.3160, 0.3547

Triad

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



74.3048, 0.3314, 0.3573



74.3048, 0.2820, 0.3159



74.3048, 0.3251, 0.3140

Complementary

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



74.3048, 0.3314, 0.3573



59.4749, 0.2932, 0.2990

Split Complementary

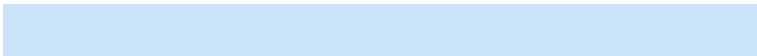
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3048, 0.3088, 0.3049



74.3048, 0.3314, 0.3573



74.3048, 0.2842, 0.3056

Square

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



74.3048, 0.3314, 0.3573



74.3048, 0.2877, 0.3303



74.3048, 0.2939, 0.3018



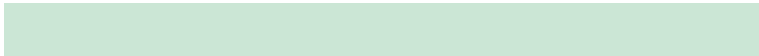
74.3048, 0.3383, 0.3270

Rectangle

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



74.3048, 0.3314, 0.3573



74.3048, 0.3052, 0.3488



74.3048, 0.2939, 0.3018



74.3048, 0.3197, 0.3104

Sweetspot

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



74.3081, 0.3314, 0.3573



98.8896, 0.3187, 0.3381



61.4128, 0.3333, 0.3265



21.1226, 0.3198, 0.3398



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.



74.3081, 0.3314, 0.3573



96.0207, 0.3357, 0.3638



73.5774, 0.3227, 0.3602



16.6289, 0.3269, 0.3506



36.6381, 0.4326, 0.4948



2.7612, 0.4304, 0.4964

Inverse Universe

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



59.4749, 0.2932, 0.2990



72.8694, 0.2885, 0.2917



60.1933, 0.3018, 0.2975



14.0540, 0.2980, 0.3065



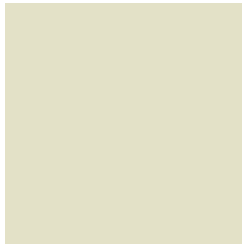
3.5207, 0.1513, 0.0647



0.3193, 0.1549, 0.0775

Previews

White Background



This preview shows how the Yxy color 74.3048, 0.3314, 0.3573 looks on a white background.

Color Contrast Check

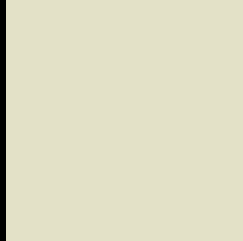
Large Text (above 18pt) WCAG AA × Fail

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 74.3048, 0.3314, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

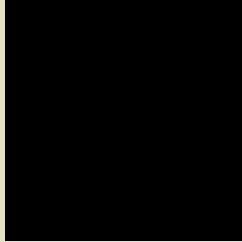
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

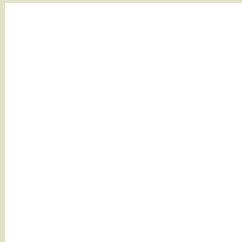
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3048, 0.3314, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 74.3048, 0.3314, 0.3573.



This preview shows how white text looks on a background with the Yxy color 74.3048, 0.3314, 0.3573.

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

74.3048, 0.3314, 0.3573

Protanopia

74.3450, 0.3375, 0.3559

Deuteranopia

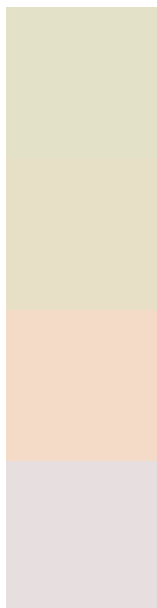
74.3996, 0.3517, 0.3445



Tritanopia

74.4566, 0.3100, 0.3113

Trichromacy



Original Color

74.3048, 0.3314, 0.3573

Protanomaly

74.3775, 0.3351, 0.3571

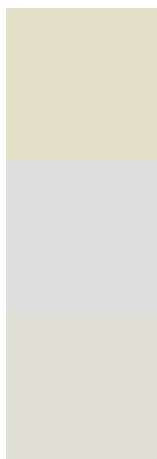
Deuteranomaly

74.0663, 0.3443, 0.3490

Tritanomaly

74.3933, 0.3177, 0.3280

Monochromacy



Original Color

74.3048, 0.3314, 0.3573

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0136, 0.3193, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3048, 0.3314, 0.3573 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(227, 225, 199)` looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 199)  
}
```

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(227, 225, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 199) }
```

Border

The CSS property to change the border of an element to Yxy 74.3048, 0.3314, 0.3573 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(227, 225, 199) }
```

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

```
.border{ border-color:rgb(227, 225, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 225, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 199);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3048, 0.3314, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 199) }
```

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

```
.background{ background-color: rgb(227,  
225, 199) }
```

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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