

Converting Colors

$Yxy(74.3346, 0.3314, 0.3463)$

Have a look what the booklet for
Yxy(74.3346, 0.3314, 0.3463)
contains.

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Color

Yxy(74.0224, 0.3314, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	E9DECE
RGB	233, 222, 206
RGB Percent	91%, 87%, 81%
CMY	0.0864, 0.1294, 0.1922
CMYK	0.00, 0.05, 0.12, 0.09
HSL	36°, 38%, 86%
HSV	36°, 12%, 91%
XYZ	70.8580, 74.0224, 68.9336
YIQ	223.4650, 11.6920, -2.6440

Conversions

Conversions Part 2

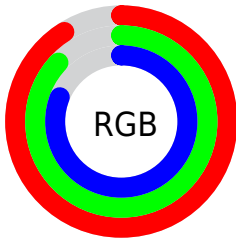
Format	Color
RYB	225, 233, 206
Decimal	15326926
CIELab	88.93, 1.07, 9.19
CIELCh	89, 9.249, 83.338
Yxy	74.0224, 0.3314, 0.3462
Android (android.graphics.Color)	4293517006 (0xFFE9DECE)
YUV	223.4650, -8.6102, 8.3622
Hunter-Lab	86.0363, -3.5540, 12.7213

Details

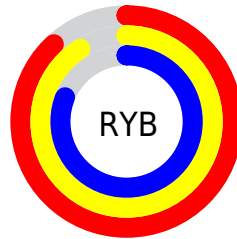
The Yxy color **74.0224, 0.3314, 0.3462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5969, 0.2946, 0.3112**, and the grayscale version is **74.1950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2515, 0.3354, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **68.0909, 0.3496, 0.3618**, and if you desaturate by 10%, it is **80.4102, 0.3151, 0.3313**.

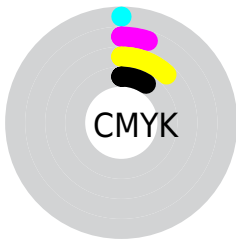
Distribution



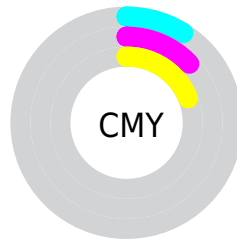
- Red (91%)
- Green (87%)
- Blue (81%)



- Red (88%)
- Yellow (91%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0224, 0.3314, 0.3462 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 74.0224, 0.3314, 0.3462 by changing the saturation by 10% instead.

74.0224, 0.3314,
0.3462

74.0224, 0.3314,
0.3462

474.5507, 0.3228,
0.3383

54.8124, 0.3334,
0.3480

124.9276, 0.3284,
0.3435

39.2515, 0.3358,
0.3502

157.3915, 0.3272,
0.3424

26.9555, 0.3389,
0.3530

195.0422, 0.3262,
0.3415

17.5398, 0.3429,
0.3567

238.2640, 0.3254,
0.3407

10.6201, 0.3484,
0.3616

287.4414, 0.3246,
0.3400

5.8120, 0.3563,
0.3687

342.9587, 0.3239,

2.7311, 0.3687,

0.3393

0.3797

405.2003, 0.3233,
0.3388

■ 0.9930, 0.4052,
0.4138

■ 0.0000, 0.0000,
0.0000

■ 74.0224, 0.3314,
0.3462

■ 74.0224, 0.3314,
0.3462

■ 68.0909, 0.3496,
0.3618

■ 80.4102, 0.3151,
0.3313

■ 62.5940, 0.3698,
0.3778

■ 87.2559, 0.3007,
0.3173

■ 57.5223, 0.3917,
0.3935

■ 93.1552, 0.2993,
0.3244

■ 52.8624, 0.4149,
0.4081

■ 96.0594, 0.2993,
0.3290

■ 48.6001, 0.4387,
0.4205

■ 44.7195, 0.4620,
0.4296

■ 41.2035, 0.4835,
0.4342

■ 38.0320, 0.5020,
0.4334

■ 35.6066, 0.5151,
0.4292

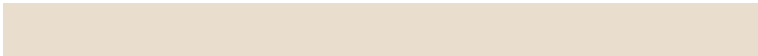
Harmonies

Analogous

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



74.0224, 0.3346, 0.3394



74.0224, 0.3314, 0.3462



74.0224, 0.3232, 0.3484

Triad

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



74.0224, 0.3314, 0.3462



74.0224, 0.2940, 0.3274



74.0224, 0.3129, 0.3135

Complementary

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



74.0224, 0.3314, 0.3462



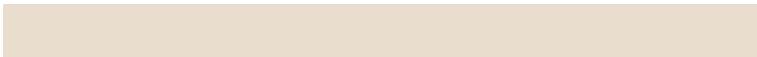
68.5969, 0.2946, 0.3112

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.



74.0224, 0.3021, 0.3102



74.0224, 0.3314, 0.3462



74.0224, 0.2913, 0.3180

Square

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



74.0224, 0.3314, 0.3462



74.0224, 0.3016, 0.3375



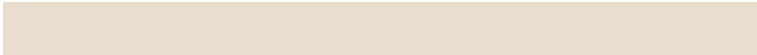
74.0224, 0.2943, 0.3118



74.0224, 0.3238, 0.3207

Rectangle

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



74.0224, 0.3314, 0.3462



74.0224, 0.3160, 0.3469



74.0224, 0.2943, 0.3118



74.0224, 0.3091, 0.3119

Sweetspot

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



74.0257, 0.3314, 0.3462



97.5513, 0.3173, 0.3334



66.4754, 0.3253, 0.3170



20.7418, 0.3186, 0.3345



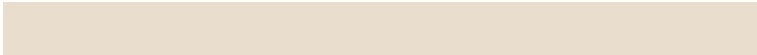
0.0000, 0.0000, 0.0000



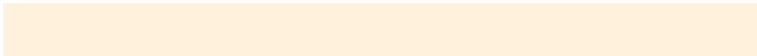
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0257, 0.3314, 0.3462



89.0084, 0.3357, 0.3500



79.6623, 0.3284, 0.3577



16.5417, 0.3278, 0.3430



20.4583, 0.5133, 0.4307



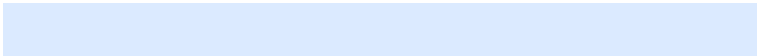
1.7946, 0.4967, 0.4438

Inverse Universe

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



68.5969, 0.2946, 0.3112



81.0555, 0.2906, 0.3070



63.4596, 0.2960, 0.2989



15.5531, 0.2980, 0.3146



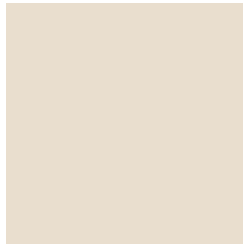
8.1705, 0.1690, 0.1283



0.8261, 0.1766, 0.1556

Previews

White Background



This preview shows how the Yxy color 74.0224, 0.3314, 0.3462 looks on a white background.

Color Contrast Check

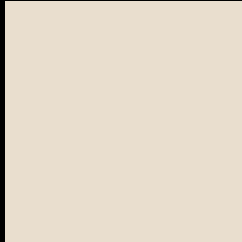
Large Text (above 18pt) WCAG AA × Fail

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 74.0224, 0.3314, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

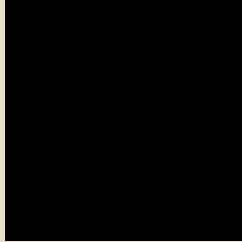
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

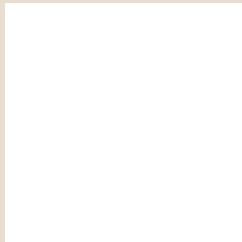
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0224, 0.3314, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 74.0224, 0.3314, 0.3462.

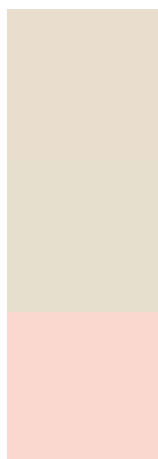


This preview shows how white text looks on a background with the Yxy color 74.0224, 0.3314, 0.3462.

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

74.0224, 0.3314, 0.3462

Protanopia

74.2205, 0.3298, 0.3473

Deuteranopia

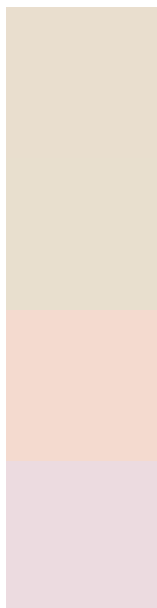
74.1260, 0.3451, 0.3383



Tritanopia

74.1455, 0.3150, 0.3114

Trichromacy



Original Color

74.0224, 0.3314, 0.3462

Protanomaly

74.3874, 0.3305, 0.3473

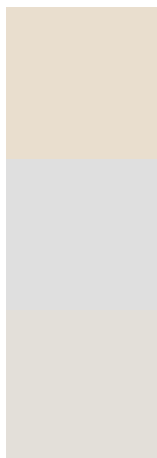
Deuteranomaly

73.8809, 0.3395, 0.3406

Tritanomaly

73.8777, 0.3216, 0.3238

Monochromacy



Original Color

74.0224, 0.3314, 0.3462

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.1160, 0.3195, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0224, 0.3314, 0.3462 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(233, 222, 206)` looks like.

```
.text, #text, p{  
    color:rgb(233, 222, 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(233, 222, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 222, 206) }
```

Border

The CSS property to change the border of an element to Yxy 74.0224, 0.3314, 0.3462 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(233, 222, 206) }
```

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

```
.border{ border-color:rgb(233, 222, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 222, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 222, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 222, 206); box-shadow:4px 4px 4px 4px rgb(233, 222, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0224, 0.3314, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 222, 206) }
```

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

```
.background{ background-color: rgb(233,  
222, 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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