

Converting Colors

$Y_{xy}(74.1964, 0.3297, 0.3473)$

Have a look what the booklet for
Yxy(74.1964, 0.3297, 0.3473)
contains.

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Color

Yxy(74.2205, 0.3298, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	E7DFCE
RGB	231, 223, 206
RGB Percent	91%, 87%, 81%
CMY	0.0942, 0.1255, 0.1921
CMYK	0.00, 0.03, 0.11, 0.09
HSL	41°, 34%, 86%
HSV	41°, 11%, 91%
XYZ	70.4806, 74.2205, 69.0060
YIQ	223.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

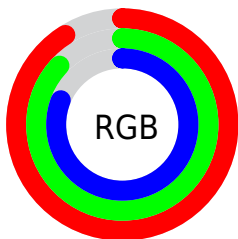
Format	Color
R _Y B	218, 231, 206
Decimal	15196110
CIE Lab	89.03, -0.14, 9.29
CIE LCh	89, 9.288, 90.841
Yxy	74.2205, 0.3298, 0.3473
Android (android.graphics.Color)	4293386190 (0xFFE7DFCE)
YUV	223.4540, -8.6048, 6.6178
Hunter-Lab	86.1513, -4.7335, 12.8154

Details

The Yxy color **74.2205, 0.3298, 0.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9768, 0.2959, 0.3100**, and the grayscale version is **74.1896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3862, 0.3333, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **69.3252, 0.3472, 0.3650**, and if you desaturate by 10%, it is **79.4591, 0.3139, 0.3303**.

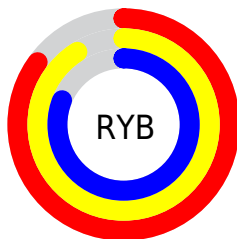
Distribution



Red (91%)

Green (87%)

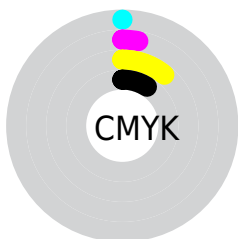
Blue (81%)



Red (85%)

Yellow (91%)

Blue (81%)

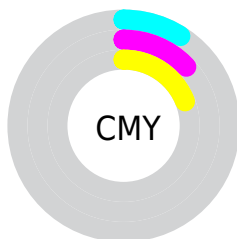


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2205, 0.3298, 0.3473 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 74.2205, 0.3298, 0.3473 by changing the saturation by 10% instead.

74.2205, 0.3298,
0.3473

74.2205, 0.3298,
0.3473

475.2340, 0.3219,
0.3389

54.9745, 0.3316,
0.3492

125.2083, 0.3271,
0.3444

39.3813, 0.3338,
0.3516

157.7190, 0.3260,
0.3432

27.0565, 0.3366,
0.3546

195.4200, 0.3251,
0.3423

17.6157, 0.3403,
0.3585

238.6957, 0.3243,
0.3414

10.6744, 0.3453,
0.3639

287.9306, 0.3236,
0.3406

5.8483, 0.3524,
0.3716

343.5090, 0.3230,

2.7531, 0.3635,

0.3400

405.8154, 0.3224,
0.3394

0.3835

1.0042, 0.3972,
0.4195

0.0000, 0.0000,
0.0000

74.2205, 0.3298,
0.3473

74.2205, 0.3298,
0.3473

69.3252, 0.3472,
0.3650

79.4591, 0.3139,
0.3303

64.7541, 0.3661,
0.3830

85.0401, 0.2997,
0.3144

60.5006, 0.3862,
0.4008

89.5977, 0.2981,
0.3191

56.5540, 0.4069,
0.4173

94.1545, 0.2981,
0.3265

■ 52.9030, 0.4276,
0.4317

■ 95.7270, 0.2981,
0.3290

■ 49.5349, 0.4473,
0.4428

■ 46.4357, 0.4650,
0.4494

■ 43.5889, 0.4797,
0.4510

■ 41.1732, 0.4907,
0.4486

Harmonies

Analogous

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



74.2205, 0.3344, 0.3415



74.2205, 0.3298, 0.3473



74.2205, 0.3206, 0.3482

Triad

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



74.2205, 0.3298, 0.3473



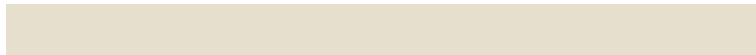
74.2205, 0.2927, 0.3249



74.2205, 0.3157, 0.3150

Complementary

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



74.2205, 0.3298, 0.3473



66.9768, 0.2959, 0.3100

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.



74.2205, 0.3046, 0.3106



74.2205, 0.3298, 0.3473



74.2205, 0.2915, 0.3161

Square

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



74.2205, 0.3298, 0.3473



74.2205, 0.2993, 0.3351



74.2205, 0.2958, 0.3109



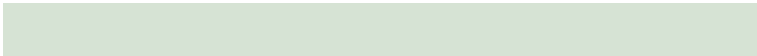
74.2205, 0.3262, 0.3229

Rectangle

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



74.2205, 0.3298, 0.3473



74.2205, 0.3132, 0.3458



74.2205, 0.2958, 0.3109



74.2205, 0.3119, 0.3130

Sweetspot

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



74.2238, 0.3298, 0.3473



97.9680, 0.3173, 0.3340



66.0042, 0.3258, 0.3200



20.8544, 0.3185, 0.3353



0.0000, 0.0000, 0.0000



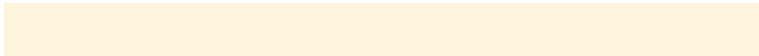
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2238, 0.3298, 0.3473



91.4756, 0.3336, 0.3512



77.9043, 0.3259, 0.3559



16.0002, 0.3275, 0.3449



23.3181, 0.4893, 0.4497



1.8889, 0.4766, 0.4598

Inverse Universe

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



66.9768, 0.2959, 0.3100



80.6859, 0.2922, 0.3057



63.6405, 0.2987, 0.3012



14.6348, 0.2981, 0.3125



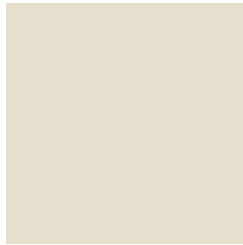
6.1618, 0.1625, 0.1048



0.6182, 0.1706, 0.1340

Previews

White Background



This preview shows how the Yxy color 74.2205, 0.3298, 0.3473 looks on a white background.

Color Contrast Check

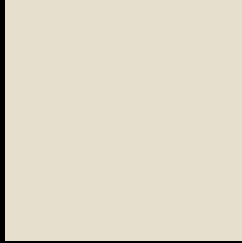
Large Text (above 18pt) WCAG AA × Fail

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 74.2205, 0.3298, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

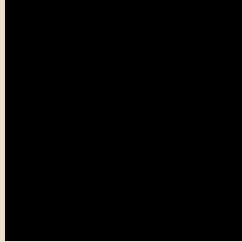
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

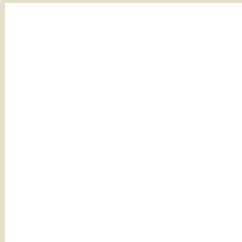
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2205, 0.3298, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 74.2205, 0.3298, 0.3473.

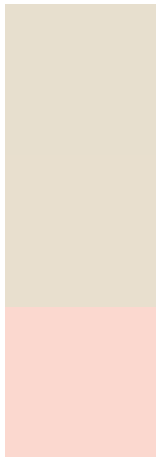


This preview shows how white text looks on a background with the Yxy color 74.2205, 0.3298, 0.3473.

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

74.2205, 0.3298, 0.3473

Protanopia

74.3874, 0.3305, 0.3473

Deuteranopia

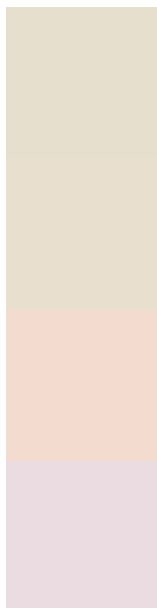
74.1260, 0.3451, 0.3383



Tritanopia

74.3813, 0.3128, 0.3114

Trichromacy



Original Color

74.2205, 0.3298, 0.3473

Protanomaly

74.3874, 0.3305, 0.3473

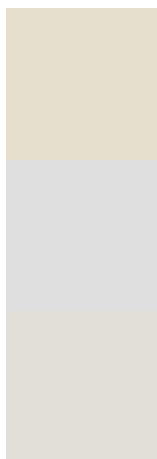
Deuteranomaly

74.4011, 0.3393, 0.3416

Tritanomaly

74.1151, 0.3194, 0.3238

Monochromacy



Original Color

74.2205, 0.3298, 0.3473

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9539, 0.3188, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2205, 0.3298, 0.3473 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(231, 223, 206)` looks like.

```
.text, #text, p{  
    color:rgb(231, 223, 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(231, 223, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 223, 206) }
```

Border

The CSS property to change the border of an element to Yxy 74.2205, 0.3298, 0.3473 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(231, 223, 206) }
```

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

```
.border{ border-color:rgb(231, 223, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 223, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 223, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 223, 206);  
box-shadow:4px 4px 4px 4px rgb(231, 223,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2205, 0.3298, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 223, 206) }
```

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

```
.background{ background-color: rgb(231,  
223, 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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