

Converting Colors

$Yxy(74.8898, 0.3221, 0.3338)$

Have a look what the booklet for
Yxy(74.8898, 0.3221, 0.3338)
contains.

Yxy(74.9931, 0.3224, 0.3343)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.9931, 0.3224, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	E8DFDA
RGB	232, 223, 218
RGB Percent	91%, 87%, 85%
CMY	0.0902, 0.1255, 0.1450
CMYK	0.00, 0.04, 0.06, 0.09
HSL	21°, 23%, 88%
HSV	21°, 6%, 91%
XYZ	72.3236, 74.9931, 77.0121
YIQ	225.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

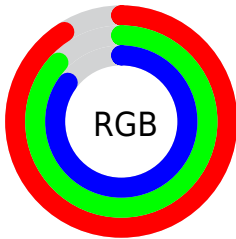
Format	Color
RYB	232, 226, 218
Decimal	15261658
CIELab	89.39, 2.21, 3.51
CIELCh	89, 4.148, 57.825
Yxy	74.9931, 0.3224, 0.3343
Android (android.graphics.Color)	4293451738 (0xFFE8DFDA)
YUV	225.1210, -3.5107, 6.0329
Hunter-Lab	86.5986, -2.4715, 7.8924

Details

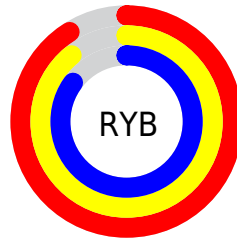
The Yxy color **74.9931, 0.3224, 0.3343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6877, 0.3034, 0.3236**, and the grayscale version is **75.4114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8797, 0.3245, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **66.2313, 0.3407, 0.3436**, and if you desaturate by 10%, it is **84.6358, 0.3068, 0.3256**.

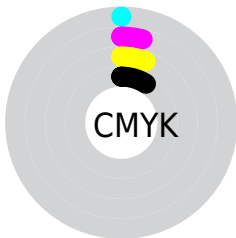
Distribution



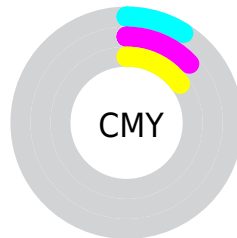
- Red (91%)
- Green (87%)
- Blue (85%)



- Red (91%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (9%)





- Cyan (9%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9931, 0.3224, 0.3343 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 74.9931, 0.3224, 0.3343 by changing the saturation by 10% instead.


 74.9931, 0.3224,
0.3343

 74.9931, 0.3224,
0.3343


477.8939, 0.3179,
0.3319

 55.6072, 0.3234,
0.3348


126.3026, 0.3209,
0.3335

 39.8881, 0.3247,
0.3355


158.9950, 0.3202,
0.3331

 27.4513, 0.3263,
0.3364


196.8917, 0.3197,
0.3329

 17.9125, 0.3284,
0.3375

240.3772, 0.3193,
0.3326

 10.8872, 0.3312,
0.3390

289.8357, 0.3189,
0.3324

 5.9910, 0.3353,
0.3411

345.6517, 0.3185,

 2.8396, 0.3417,

0.3322

0.3444

408.2097, 0.3182,
0.3320

■ 1.0486, 0.3535,
0.3503

■ 0.0000, 0.0000,
0.0000

■ 74.9931, 0.3224,
0.3343

■ 74.9931, 0.3224,
0.3343

■ 66.2313, 0.3407,
0.3436

■ 84.6358, 0.3068,
0.3256

■ 58.3155, 0.3622,
0.3533

■ 94.5513, 0.2987,
0.3269

■ 51.2225, 0.3872,
0.3632

■ 95.8956, 0.2987,
0.3290

■ 44.9246, 0.4158,
0.3726

■ 39.3923, 0.4477,
0.3808

■ 34.5942, 0.4819,
0.3866

■ 30.4961, 0.5164,
0.3887

■ 27.0609, 0.5484,
0.3860

■ 24.2464, 0.5750,
0.3782

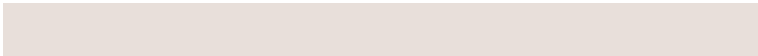
Harmonies

Analogous

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



74.9931, 0.3216, 0.3302



74.9931, 0.3224, 0.3343



74.9931, 0.3206, 0.3370

Triad

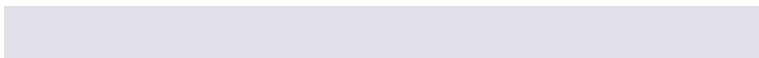
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9931, 0.3224, 0.3343



74.9931, 0.3071, 0.3321



74.9931, 0.3087, 0.3206

Complementary

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



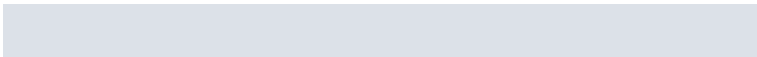
74.9931, 0.3224, 0.3343



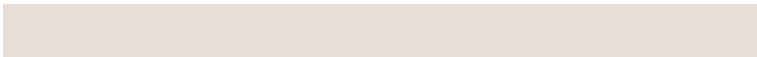
75.6877, 0.3034, 0.3236

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.



74.9931, 0.3049, 0.3211



74.9931, 0.3224, 0.3343



74.9931, 0.3040, 0.3277

Square

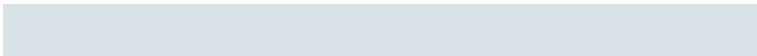
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9931, 0.3224, 0.3343



74.9931, 0.3118, 0.3358



74.9931, 0.3031, 0.3236



74.9931, 0.3136, 0.3224

Rectangle

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



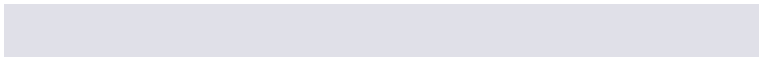
74.9931, 0.3224, 0.3343



74.9931, 0.3182, 0.3376



74.9931, 0.3031, 0.3236



74.9931, 0.3072, 0.3205

Sweetspot

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



74.9964, 0.3224, 0.3343



97.5984, 0.3158, 0.3307



72.8658, 0.3167, 0.3194



20.9153, 0.3157, 0.3307



0.0000, 0.0000, 0.0000



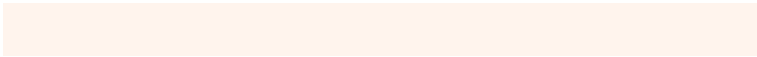
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9964, 0.3224, 0.3343



91.7876, 0.3241, 0.3352



78.7589, 0.3218, 0.3415



15.5625, 0.3250, 0.3357



13.1416, 0.5813, 0.3766



1.1416, 0.5534, 0.3988

Inverse Universe

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



75.6877, 0.3034, 0.3236



92.7819, 0.3019, 0.3227



71.9881, 0.3035, 0.3162



15.7441, 0.3011, 0.3222



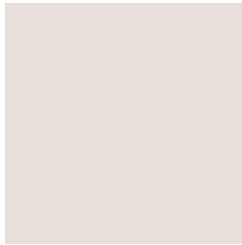
15.4823, 0.1912, 0.2083



1.3179, 0.1967, 0.2280

Previews

White Background



This preview shows how the Yxy color 74.9931, 0.3224, 0.3343 looks on a white background.

Color Contrast Check

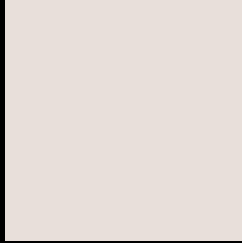
Large Text (above 18pt) WCAG AA × Fail

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 74.9931, 0.3224, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

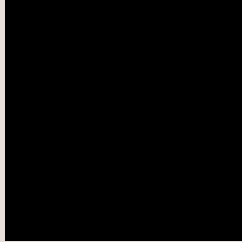
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

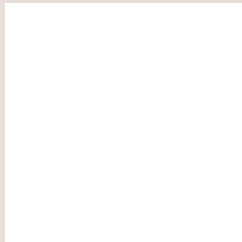
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9931, 0.3224, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 74.9931, 0.3224, 0.3343.

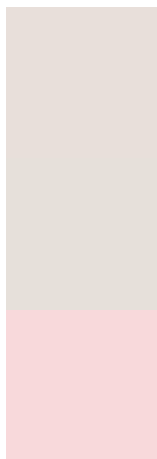


This preview shows how white text looks on a background with the Yxy color 74.9931, 0.3224, 0.3343.

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

74.9931, 0.3224, 0.3343

Protanopia

75.1963, 0.3209, 0.3354

Deuteranopia

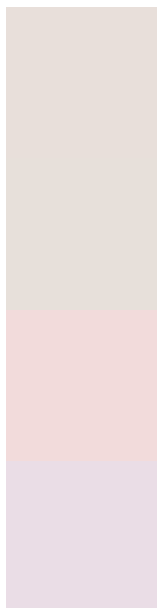
74.6966, 0.3341, 0.3270



Tritanopia

74.9630, 0.3121, 0.3114

Trichromacy



Original Color

74.9931, 0.3224, 0.3343

Protanomaly

75.3622, 0.3216, 0.3354

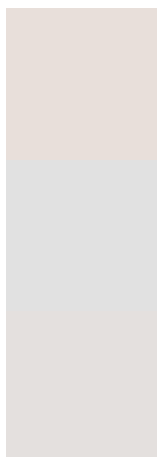
Deuteranomaly

74.6548, 0.3294, 0.3291

Tritanomaly

74.9185, 0.3160, 0.3196

Monochromacy



Original Color

74.9931, 0.3224, 0.3343

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0792, 0.3168, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9931, 0.3224, 0.3343 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(232, 223, 218)` looks like.

```
.text, #text, p{  
    color:rgb(232, 223, 218)  
}
```

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(232, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 218) }
```

Border

The CSS property to change the border of an element to Yxy 74.9931, 0.3224, 0.3343 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(232, 223, 218) }
```

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

```
.border{ border-color:rgb(232, 223, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 223, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 223, 218);  
box-shadow:4px 4px 4px 4px rgb(232, 223,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9931, 0.3224, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 218) }
```

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

```
.background{ background-color: rgb(232,  
223, 218) }
```

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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