

Converting Colors

$Yxy(75.0636, 0.3227, 0.3434)$

Have a look what the booklet for
Yxy(75.0636, 0.3227, 0.3434)
contains.

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Color

Yxy(74.9348, 0.3227, 0.3430)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3E1D4 |
| RGB | 227, 225, 212 |
| RGB Percent | 89%, 88%, 83% |
| CMY | 0.1096, 0.1177, 0.1686 |
| CMYK | 0.00, 0.01, 0.07, 0.11 |
| HSL | 52°, 21%, 86% |
| HSV | 52°, 7%, 89% |
| XYZ | 70.4999, 74.9348, 73.0341 |
| YIQ | 224.1160, 5.3650, -3.6190 |

Conversions

Conversions Part 2

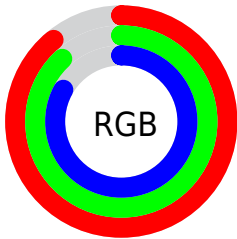
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 214, 227, 212 |
| Decimal | 14934484 |
| CIELab | 89.36, -1.54, 6.59 |
| CIELCh | 89, 6.765, 103.183 |
| Yxy | 74.9348, 0.3227, 0.3430 |
| Android (android.graphics.Color) | 4293124564 (0xFFE3E1D4) |
| YUV | 224.1160, -5.9732, 2.5293 |
| Hunter-Lab | 86.5649, -6.1152, 10.5729 |

Details

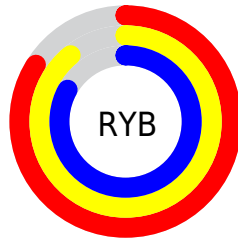
The Yxy color **74.9348, 0.3227, 0.3430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6723, 0.3026, 0.3146**, and the grayscale version is **74.6760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9544, 0.3257, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **72.2025, 0.3385, 0.3648**, and if you desaturate by 10%, it is **77.8655, 0.3078, 0.3221**.

Distribution



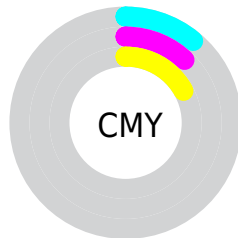
- Red (89%)
- Green (88%)
- Blue (83%)



- Red (84%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9348, 0.3227, 0.3430 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 74.9348, 0.3227, 0.3430 by changing the saturation by 10% instead.

■ 74.9348, 0.3227,
0.3430

■ 74.9348, 0.3227,
0.3430

477.6934, 0.3181,
0.3365

■ 55.5595, 0.3237,
0.3445

126.2201, 0.3211,
0.3408

■ 39.8498, 0.3250,
0.3463

158.8988, 0.3205,
0.3399

■ 27.4215, 0.3266,
0.3486

196.7808, 0.3200,
0.3391

■ 17.8900, 0.3288,
0.3516

240.2504, 0.3195,
0.3385

■ 10.8711, 0.3316,
0.3558

289.6921, 0.3191,
0.3379

■ 5.9802, 0.3357,
0.3617

345.4903, 0.3187,

■ 2.8330, 0.3421,

0.3374

0.3711

408.0292, 0.3184,
0.3369

■ 1.0452, 0.3572,
0.3922

■ 0.0000, 0.0000,
0.0000

■ 74.9348, 0.3227,
0.3430

■ 74.9348, 0.3227,
0.3430

■ 72.2025, 0.3385,
0.3648

■ 77.8655, 0.3078,
0.3221

■ 69.6520, 0.3550,
0.3870

■ 80.8350, 0.2955,
0.3047

■ 67.2792, 0.3718,
0.4088

■ 82.5967, 0.2955,
0.3079

■ 65.0762, 0.3883,
0.4295

■ 84.3896, 0.2956,
0.3111

63.0345, 0.4039,
0.4480

86.2138, 0.2956,
0.3143

61.1445, 0.4178,
0.4633

88.0696, 0.2957,
0.3175

59.3955, 0.4294,
0.4746

89.9571, 0.2957,
0.3207

57.7750, 0.4383,
0.4814

91.8764, 0.2957,
0.3239

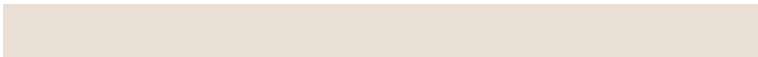
56.2672, 0.4444,
0.4837

93.8276, 0.2958,
0.3270

Harmonies

Analogous

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



74.9348, 0.3276, 0.3402



74.9348, 0.3227, 0.3430



74.9348, 0.3152, 0.3420

Triad

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



74.9348, 0.3227, 0.3430



74.9348, 0.2973, 0.3232



74.9348, 0.3183, 0.3209

Complementary

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



74.9348, 0.3227, 0.3430



67.6723, 0.3026, 0.3146

Split Complementary

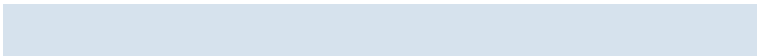
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9348, 0.3101, 0.3165



74.9348, 0.3227, 0.3430



74.9348, 0.2981, 0.3177

Square

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



74.9348, 0.3227, 0.3430



74.9348, 0.3006, 0.3304



74.9348, 0.3027, 0.3153



74.9348, 0.3250, 0.3275

Rectangle

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



74.9348, 0.3227, 0.3430



74.9348, 0.3097, 0.3392



74.9348, 0.3027, 0.3153



74.9348, 0.3156, 0.3191

Sweetspot

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



74.9381, 0.3227, 0.3430



99.2302, 0.3157, 0.3332



68.2949, 0.3223, 0.3266



21.2475, 0.3155, 0.3330



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.



74.9381, 0.3227, 0.3430



96.9822, 0.3249, 0.3461



75.2176, 0.3188, 0.3454



16.4622, 0.3271, 0.3491



32.6384, 0.4457, 0.4843



2.5054, 0.4412, 0.4878

Inverse Universe

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



67.6723, 0.3026, 0.3146



85.6138, 0.3003, 0.3114



67.4289, 0.3064, 0.3125



14.2044, 0.2980, 0.3081



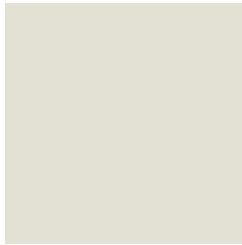
3.9082, 0.1531, 0.0710



0.3909, 0.1590, 0.0923

Previews

White Background



This preview shows how the Yxy color 74.9348, 0.3227, 0.3430 looks on a white background.

Color Contrast Check

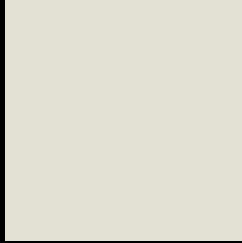
Large Text (above 18pt) WCAG AA × Fail

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 74.9348, 0.3227, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

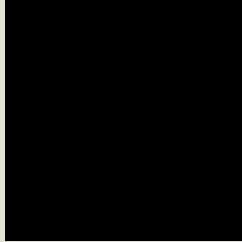
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

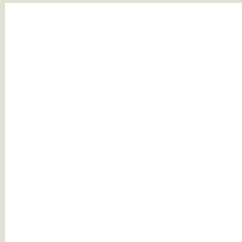
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9348, 0.3227, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 74.9348, 0.3227, 0.3430.

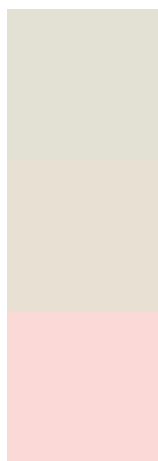


This preview shows how white text looks on a background with the Yxy color 74.9348, 0.3227, 0.3430.

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

74.9348, 0.3227, 0.3430

Protanopia

75.1703, 0.3270, 0.3429

Deuteranopia

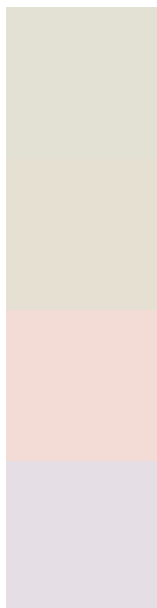
74.8047, 0.3391, 0.3322



Tritanopia

74.8749, 0.3086, 0.3113

Trichromacy



Original Color

74.9348, 0.3227, 0.3430

Protanomaly

74.8375, 0.3256, 0.3430

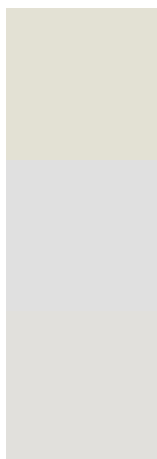
Deuteranomaly

74.8677, 0.3335, 0.3364

Tritanomaly

74.7227, 0.3138, 0.3216

Monochromacy



Original Color

74.9348, 0.3227, 0.3430

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4862, 0.3160, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9348, 0.3227, 0.3430 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 212) }
```

Border

The CSS property to change the border of an element to Yxy 74.9348, 0.3227, 0.3430 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, 212) }
```

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

```
.border{ border-color:rgb(227, 225, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9348, 0.3227, 0.3430 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, 212) }
```

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

```
.background{ background-color: rgb(227,  
225, 212) }
```

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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