

Converting Colors

$Yxy(74.8345, 0.3240, 0.3452)$

Have a look what the booklet for
Yxy(74.8345, 0.3240, 0.3452)
contains.

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Color

Yxy(74.8345, 0.3240, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	E3E1D2
RGB	227, 225, 210
RGB Percent	89%, 88%, 82%
CMY	0.1098, 0.1176, 0.1765
CMYK	0.00, 0.01, 0.07, 0.11
HSL	53°, 23%, 86%
HSV	53°, 7%, 89%
XYZ	70.2386, 74.8345, 71.7128
YIQ	223.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

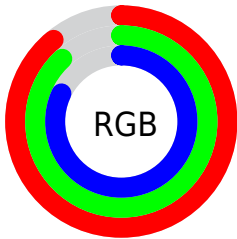
Format	Color
R _Y B	212, 227, 210
Decimal	14934482
CIE Lab	89.32, -1.90, 7.57
CIE LCh	89, 7.803, 104.092
Yxy	74.8345, 0.3240, 0.3452
Android (android.graphics.Color)	4293124562 (0xFFE3E1D2)
YUV	223.8880, -6.8468, 2.7292
Hunter-Lab	86.5069, -6.4554, 11.4045

Details

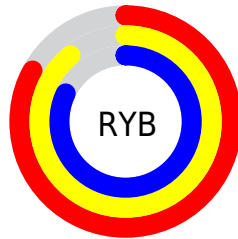
The Yxy color **74.8345, 0.3240, 0.3452** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3381, 0.3012, 0.3123**, and the grayscale version is **74.5065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9204, 0.3265, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **72.3477, 0.3398, 0.3675**, and if you desaturate by 10%, it is **77.5111, 0.3091, 0.3237**.

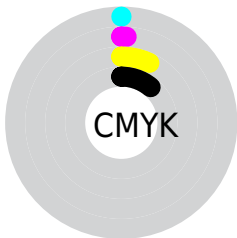
Distribution



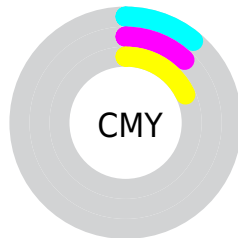
- Red (89%)
- Green (88%)
- Blue (82%)



- Red (83%)
- Yellow (89%)
- Blue (82%)



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



- Cyan (11%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8345, 0.3240, 0.3452 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 74.8345, 0.3240, 0.3452 by changing the saturation by 10% instead.

■ 74.8345, 0.3240,
0.3452

■ 74.8345, 0.3240,
0.3452

477.3485, 0.3188,
0.3377

■ 55.4773, 0.3252,
0.3469

126.0781, 0.3222,
0.3426

■ 39.7840, 0.3266,
0.3490

158.7332, 0.3215,
0.3416

■ 27.3702, 0.3285,
0.3517

196.5898, 0.3209,
0.3407

■ 17.8514, 0.3308,
0.3552

240.0323, 0.3204,
0.3400

■ 10.8434, 0.3341,
0.3600

289.4450, 0.3199,
0.3393

■ 5.9616, 0.3387,
0.3670

345.2124, 0.3195,

■ 2.8218, 0.3459,

0.3387

0.3779

407.7187, 0.3191,
0.3382

1.0394, 0.3646,
0.4044

0.0000, 0.0000,
0.0000

74.8345, 0.3240,
0.3452

74.8345, 0.3240,
0.3452

72.3477, 0.3398,
0.3675

77.5111, 0.3091,
0.3237

70.0340, 0.3561,
0.3901

80.3483, 0.2954,
0.3038

67.8895, 0.3726,
0.4123

81.8545, 0.2955,
0.3066

65.9062, 0.3887,
0.4331

83.3837, 0.2955,
0.3094

64.0756, 0.4036,
0.4516

84.9361, 0.2955,
0.3121

62.3881, 0.4168,
0.4669

86.5117, 0.2956,
0.3149

60.8329, 0.4276,
0.4780

88.1106, 0.2956,
0.3176

59.3975, 0.4356,
0.4846

89.7330, 0.2957,
0.3203

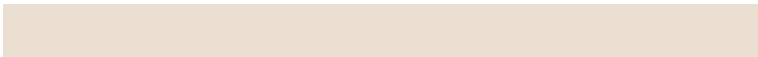
58.0648, 0.4409,
0.4870

91.3789, 0.2957,
0.3231

Harmonies

Analogous

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



74.8345, 0.3298, 0.3421



74.8345, 0.3240, 0.3452



74.8345, 0.3153, 0.3439

Triad

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



74.8345, 0.3240, 0.3452



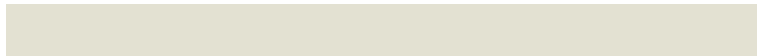
74.8345, 0.2949, 0.3220



74.8345, 0.3194, 0.3199

Complementary

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



74.8345, 0.3240, 0.3452



66.3381, 0.3012, 0.3123

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.



74.8345, 0.3100, 0.3147



74.8345, 0.3240, 0.3452



74.8345, 0.2959, 0.3158

Square

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



74.8345, 0.3240, 0.3452



74.8345, 0.2985, 0.3304



74.8345, 0.3014, 0.3132



74.8345, 0.3271, 0.3275

Rectangle

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



74.8345, 0.3240, 0.3452



74.8345, 0.3090, 0.3406



74.8345, 0.3014, 0.3132



74.8345, 0.3163, 0.3178

Sweetspot

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



74.8378, 0.3240, 0.3452



99.2923, 0.3157, 0.3333



67.1918, 0.3239, 0.3266



21.2601, 0.3155, 0.3331



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.



74.8378, 0.3240, 0.3452



96.8927, 0.3264, 0.3486



74.9339, 0.3194, 0.3476



16.5114, 0.3270, 0.3495



33.7835, 0.4417, 0.4875



2.5790, 0.4379, 0.4905

Inverse Universe

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



66.3381, 0.3012, 0.3123



83.6630, 0.2987, 0.3086



66.2737, 0.3057, 0.3103



14.1598, 0.2980, 0.3076



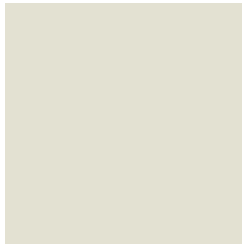
3.7734, 0.1525, 0.0689



0.3697, 0.1578, 0.0880

Previews

White Background



This preview shows how the Yxy color 74.8345, 0.3240, 0.3452 looks on a white background.

Color Contrast Check

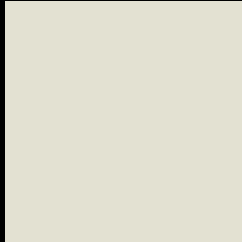
Large Text (above 18pt) WCAG AA × Fail

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 74.8345, 0.3240, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

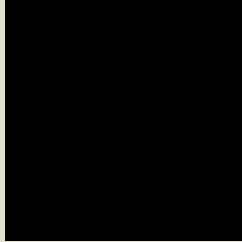
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

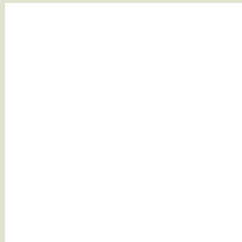
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8345, 0.3240, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 74.8345, 0.3240, 0.3452.

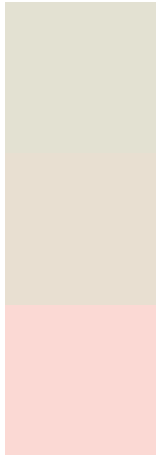


This preview shows how white text looks on a background with the Yxy color 74.8345, 0.3240, 0.3452.

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

74.8345, 0.3240, 0.3452

Protanopia

74.5346, 0.3285, 0.3440

Deuteranopia

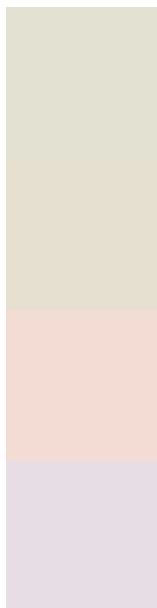
74.8884, 0.3413, 0.3342



Tritanopia

74.8749, 0.3086, 0.3113

Trichromacy



Original Color

74.8345, 0.3240, 0.3452

Protanomaly

74.7378, 0.3269, 0.3451

Deuteranomaly

74.7668, 0.3349, 0.3385

Tritanomaly

74.6670, 0.3144, 0.3227

Monochromacy



Original Color

74.8345, 0.3240, 0.3452

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4333, 0.3167, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8345, 0.3240, 0.3452 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 210) }
```

Border

The CSS property to change the border of an element to Yxy 74.8345, 0.3240, 0.3452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

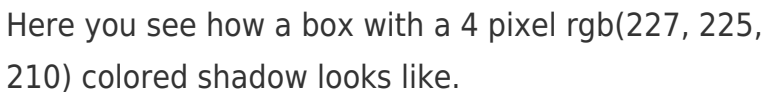
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 225, 210) }
```

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

```
.border{ border-color:rgb(227, 225, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 210);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8345, 0.3240, 0.3452 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, 210) }
```

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

```
.background{ background-color: rgb(227,  
225, 210) }
```

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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