

Converting Colors

$Y_{xy}(83.0356, 0.3225, 0.3372)$

Have a look what the booklet for
Yxy(83.0356, 0.3225, 0.3372)
contains.

| | |
|---|----|
| Yxy(83.0374, 0.3225, 0.3372) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(83.0374, 0.3225, 0.3372)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F1EAE2 |
| RGB | 241, 234, 226 |
| RGB Percent | 95%, 92%, 89% |
| CMY | 0.0550, 0.0823, 0.1137 |
| CMYK | 0.00, 0.03, 0.06, 0.06 |
| HSL | 32°, 35%, 92% |
| HSV | 32°, 6%, 94% |
| XYZ | 79.4174, 83.0374, 83.8008 |
| YIQ | 235.1810, 6.7400, -1.0040 |

Conversions

Conversions Part 2

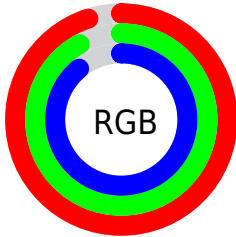
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 239, 241, 226 |
| Decimal | 15854306 |
| CIE Lab | 93.03, 0.98, 4.70 |
| CIE LCh | 93, 4.800, 78.264 |
| Yxy | 83.0374, 0.3225, 0.3372 |
| Android (android.graphics.Color) | 4294044386 (0xFFFF1EAE2) |
| YUV | 235.1810, -4.5262, 5.1033 |
| Hunter-Lab | 91.1249, -3.9016, 9.2628 |

Details

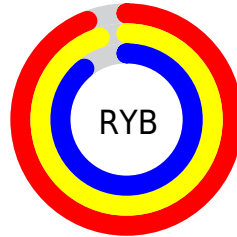
The Yxy color **83.0374, 0.3225, 0.3372** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.7738, 0.3032, 0.3207**, and the grayscale version is **83.2533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0954, 0.3246, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **75.6342, 0.3400, 0.3511**, and if you desaturate by 10%, it is **91.0366, 0.3071, 0.3242**.

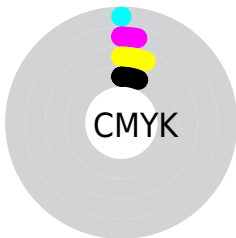
Distribution



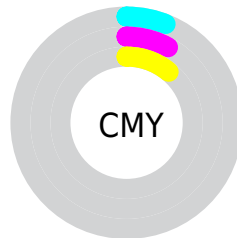
- Red (95%)
- Green (92%)
- Blue (89%)



- Red (94%)
- Yellow (95%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (6%)




- Cyan (6%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.0374, 0.3225, 0.3372 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 83.0374, 0.3225, 0.3372 by changing the saturation by 10% instead.


 83.0374, 0.3225,
0.3372

 83.0374, 0.3225,
0.3372

505.1112, 0.3181,
0.3335

 62.2210, 0.3235,
0.3380


137.6278, 0.3210,
0.3359

 45.2113, 0.3247,
0.3390


172.1707, 0.3204,
0.3354

 31.6239, 0.3262,
0.3403


212.0578, 0.3199,
0.3350

 21.0744, 0.3282,
0.3419

257.6736, 0.3194,
0.3346

 13.1784, 0.3308,
0.3441

309.4024, 0.3190,
0.3343

 7.5515, 0.3345,
0.3471

367.6287, 0.3187,

 3.8093, 0.3401,

0.3340

0.3517

432.7368, 0.3184,
0.3337

■ 1.5675, 0.3496,
0.3593

■ 0.3355, 0.4793,
0.4692

■ 83.0374, 0.3225,
0.3372

■ 83.0374, 0.3225,
0.3372

■ 75.6342, 0.3400,
0.3511

■ 91.0366, 0.3071,
0.3242

■ 68.8011, 0.3598,
0.3654

■ 97.4343, 0.3041,
0.3290

■ 62.5259, 0.3818,
0.3800

■ 56.7918, 0.4059,
0.3939

■ 51.5810, 0.4315,
0.4064

■ 46.8745, 0.4577,
0.4162

■ 42.6515, 0.4832,
0.4220

■ 38.8888, 0.5064,
0.4228

■ 35.5593, 0.5259,
0.4180

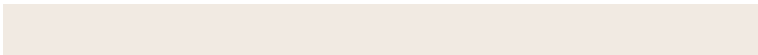
Harmonies

Analogous

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



83.0374, 0.3236, 0.3336



83.0374, 0.3225, 0.3372



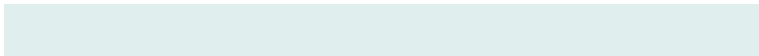
83.0374, 0.3188, 0.3386

Triad

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



83.0374, 0.3225, 0.3372



83.0374, 0.3038, 0.3291



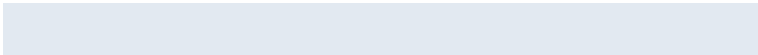
83.0374, 0.3119, 0.3208

Complementary

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



83.0374, 0.3225, 0.3372



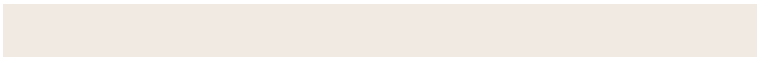
80.7738, 0.3032, 0.3207

Split Complementary

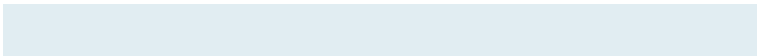
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0374, 0.3066, 0.3195



83.0374, 0.3225, 0.3372



83.0374, 0.3020, 0.3243

Square

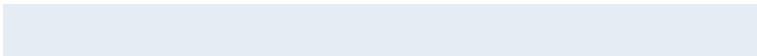
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0374, 0.3225, 0.3372



83.0374, 0.3080, 0.3340



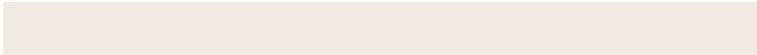
83.0374, 0.3030, 0.3208



83.0374, 0.3174, 0.3241

Rectangle

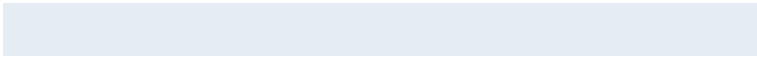
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0374, 0.3225, 0.3372



83.0374, 0.3153, 0.3382



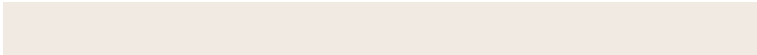
83.0374, 0.3030, 0.3208



83.0374, 0.3100, 0.3201

Sweetspot

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



83.0410, 0.3225, 0.3372



98.1733, 0.3158, 0.3316



78.9760, 0.3186, 0.3219



21.0324, 0.3156, 0.3315



0.0000, 0.0000, 0.0000



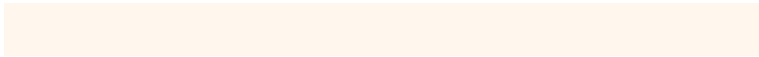
21.4041, 0.3127, 0.3290

Same Dimension

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



83.0410, 0.3225, 0.3372



93.7253, 0.3238, 0.3383



86.9874, 0.3216, 0.3442



17.4657, 0.3248, 0.3391



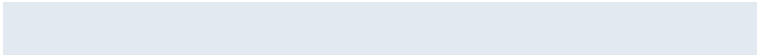
18.9317, 0.5303, 0.4171



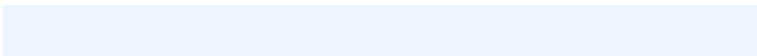
1.7739, 0.5117, 0.4319

Inverse Universe

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



80.7738, 0.3032, 0.3207



90.8239, 0.3019, 0.3195



76.9991, 0.3036, 0.3134



16.8812, 0.3010, 0.3187



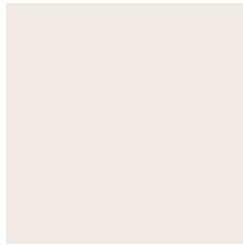
9.9891, 0.1740, 0.1463



1.0282, 0.1809, 0.1711

Previews

White Background



This preview shows how the Yxy color 83.0374, 0.3225, 0.3372 looks on a white background.

Color Contrast Check

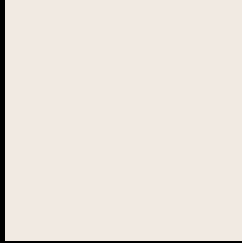
Large Text (above 18pt) WCAG AA × Fail

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 83.0374, 0.3225, 0.3372 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

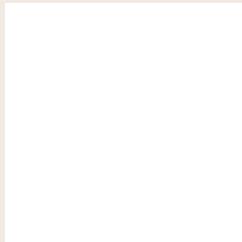
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.0374, 0.3225, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 83.0374, 0.3225, 0.3372.

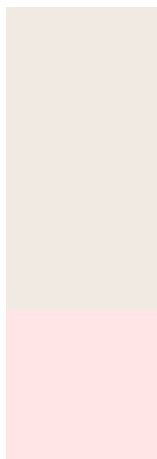


This preview shows how white text looks on a background with the Yxy color 83.0374, 0.3225, 0.3372.

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

83.0374, 0.3225, 0.3372

Protanopia

83.0374, 0.3225, 0.3372

Deuteranopia

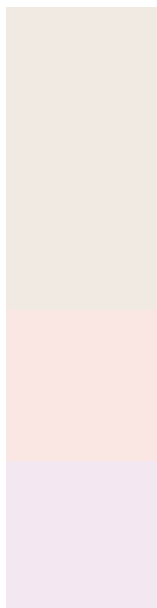
82.9558, 0.3308, 0.3291



Tritanopia

83.2245, 0.3102, 0.3111

Trichromacy



Original Color

83.0374, 0.3225, 0.3372

Protanomaly

83.0374, 0.3225, 0.3372

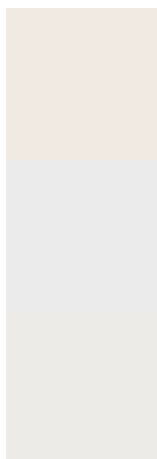
Deuteranomaly

83.0773, 0.3278, 0.3321

Tritanomaly

83.1188, 0.3145, 0.3200

Monochromacy



Original Color

83.0374, 0.3225, 0.3372

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.2474, 0.3159, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0374, 0.3225, 0.3372 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(241, 234, 226) looks like.

```
.text, #text, p{  
    color:rgb(241, 234, 226)  
}
```

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(241, 234, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 234, 226) }
```

Border

The CSS property to change the border of an element to Yxy 83.0374, 0.3225, 0.3372 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(241, 234, 226) }
```

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

```
.border{ border-color:rgb(241, 234, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 234, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 234, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 234, 226);  
box-shadow:4px 4px 4px 4px rgb(241, 234,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0374, 0.3225, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 234, 226) }
```

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

```
.background{ background-color: rgb(241,  
234, 226) }
```

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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