

Converting Colors

$Yxy(83.3334, 0.3340, 0.3422)$

Have a look what the booklet for
Yxy(83.3334, 0.3340, 0.3422)
contains.

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Color

Yxy(83.3369, 0.3343, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	FBE8DB
RGB	251, 232, 219
RGB Percent	98%, 91%, 86%
CMY	0.0156, 0.0902, 0.1411
CMYK	0.00, 0.08, 0.13, 0.02
HSL	24°, 80%, 92%
HSV	24°, 13%, 98%
XYZ	81.4368, 83.3369, 78.8302
YIQ	236.1990, 15.4970, -0.0150

Conversions

Conversions Part 2

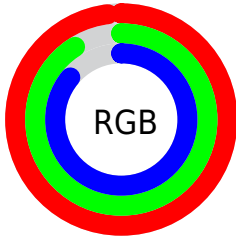
Format	Color
R_{YB}	251, 241, 219
Decimal	16509147
CIE _{Lab}	93.16, 4.37, 8.62
CIE _{LCh}	93, 9.667, 63.125
Yxy	83.3369, 0.3343, 0.3421
Android (android.graphics.Color)	4294699227 (0xFFFBE8DB)
YUV	236.1990, -8.4791, 12.9805
Hunter-Lab	91.2890, -0.5202, 12.7040

Details

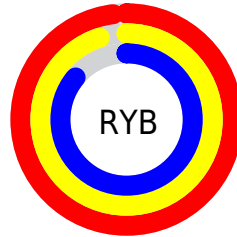
The Yxy color **83.3369, 0.3343, 0.3421** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.2176, 0.2928, 0.3155**, and the grayscale version is **84.1043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.2003, 0.3390, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **74.0641, 0.3544, 0.3530**, and if you desaturate by 10%, it is **93.5308, 0.3170, 0.3317**.

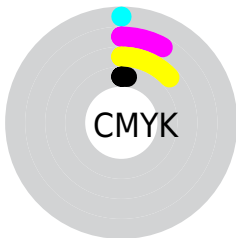
Distribution



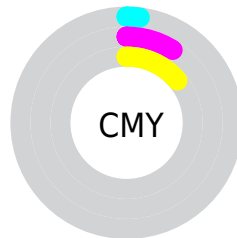
- Red (98%)
- Green (91%)
- Blue (86%)



- Red (98%)
- Yellow (95%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (2%)




- Cyan (2%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.3369, 0.3343, 0.3421 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 83.3369, 0.3343, 0.3421 by changing the saturation by 10% instead.


 83.3369, 0.3343,
0.3421

 83.3369, 0.3343,
0.3421


506.1086, 0.3245,
0.3363

 62.4681, 0.3365,
0.3434


138.0472, 0.3309,
0.3401

 45.4111, 0.3392,
0.3450


172.6575, 0.3296,
0.3393

 31.7813, 0.3425,
0.3469


212.6172, 0.3285,
0.3386

 21.1945, 0.3469,
0.3494

258.3105, 0.3275,
0.3381

 13.2663, 0.3527,
0.3527

310.1219, 0.3266,
0.3375

 7.6122, 0.3609,
0.3572

368.4358, 0.3258,

 3.8478, 0.3733,

0.3371

0.3638

433.6366, 0.3251,
0.3366

■ 1.5888, 0.3941,
0.3742

■ 0.3500, 0.5566,
0.4434

■ 83.3369, 0.3343,
0.3421

■ 83.3369, 0.3343,
0.3421

■ 74.0641, 0.3544,
0.3530

■ 93.5308, 0.3170,
0.3317

■ 65.6746, 0.3776,
0.3642

■ 99.2546, 0.3103,
0.3290

■ 58.1443, 0.4041,
0.3752

■ 51.4437, 0.4335,
0.3852

■ 45.5411, 0.4652,
0.3930

■ 40.4027, 0.4976,
0.3975

■ 35.9916, 0.5284,
0.3972

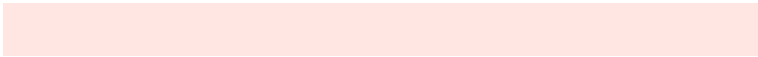
■ 32.2662, 0.5552,
0.3915

■ 29.9600, 0.5714,
0.3845

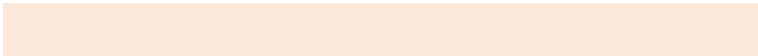
Harmonies

Analogous

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



83.3369, 0.3335, 0.3333



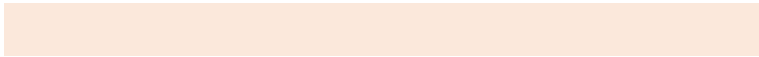
83.3369, 0.3343, 0.3421



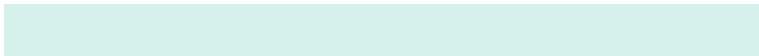
83.3369, 0.3293, 0.3476

Triad

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



83.3369, 0.3343, 0.3421



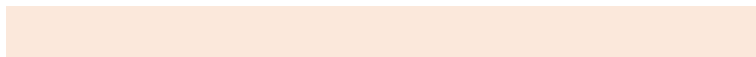
83.3369, 0.2986, 0.3343



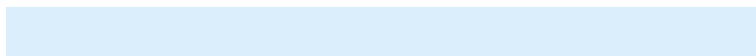
83.3369, 0.3054, 0.3107

Complementary

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



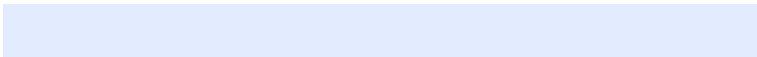
83.3369, 0.3343, 0.3421



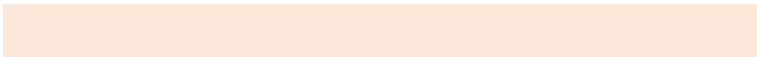
83.2176, 0.2928, 0.3155

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.



83.3369, 0.2963, 0.3107



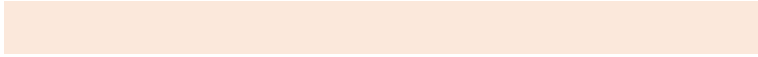
83.3369, 0.3343, 0.3421



83.3369, 0.2924, 0.3241

Square

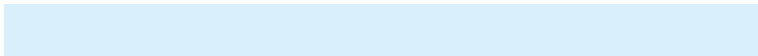
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3369, 0.3343, 0.3421



83.3369, 0.3086, 0.3432



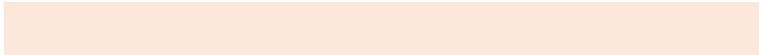
83.3369, 0.2916, 0.3155



83.3369, 0.3166, 0.3154

Rectangle

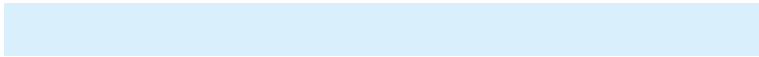
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.3369, 0.3343, 0.3421



83.3369, 0.3233, 0.3485



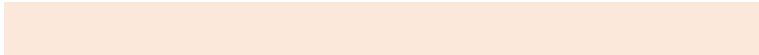
83.3369, 0.2916, 0.3155



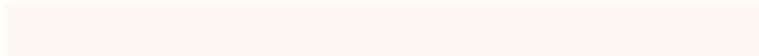
83.3369, 0.3020, 0.3102

Sweetspot

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



83.3406, 0.3343, 0.3421



95.5501, 0.3190, 0.3330



77.3794, 0.3227, 0.3098



20.2763, 0.3203, 0.3338



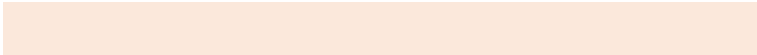
0.0000, 0.0000, 0.0000



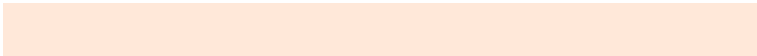
21.4041, 0.3127, 0.3290

Same Dimension

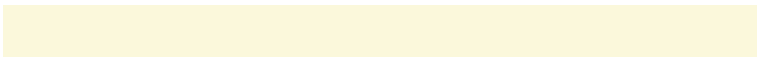
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3406, 0.3343, 0.3421



84.1094, 0.3386, 0.3445



92.6602, 0.3322, 0.3576



18.3797, 0.3284, 0.3387



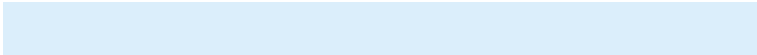
16.0122, 0.5684, 0.3869



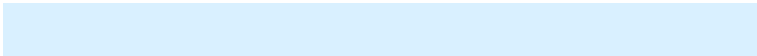
1.6850, 0.5468, 0.4041

Inverse Universe

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



83.2176, 0.2928, 0.3155



83.9611, 0.2893, 0.3129



74.3958, 0.2924, 0.2987



18.3600, 0.2980, 0.3192



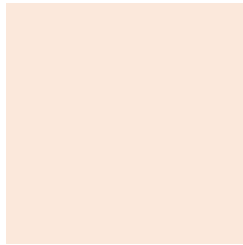
15.3037, 0.1862, 0.1903



1.6254, 0.1913, 0.2085

Previews

White Background



This preview shows how the Yxy color 83.3369, 0.3343, 0.3421 looks on a white background.

Color Contrast Check

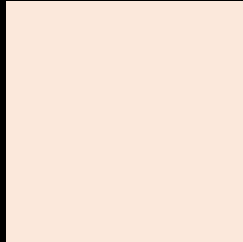
Large Text (above 18pt) WCAG AA × Fail

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 83.3369, 0.3343, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

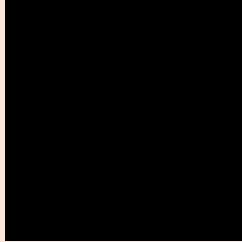
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

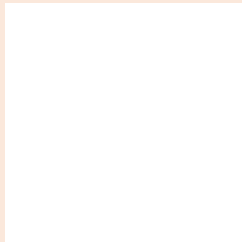
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.3369, 0.3343, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 83.3369, 0.3343, 0.3421.

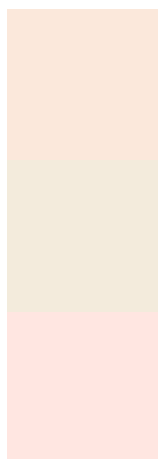


This preview shows how white text looks on a background with the Yxy color 83.3369, 0.3343, 0.3421.

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

83.3369, 0.3343, 0.3421

Protanopia

83.6387, 0.3277, 0.3444

Deuteranopia

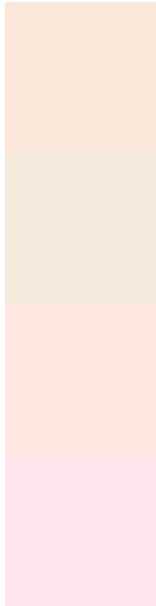
83.2899, 0.3334, 0.3340



Tritanopia

83.4006, 0.3197, 0.3114

Trichromacy



Original Color

83.3369, 0.3343, 0.3421

Protanomaly

83.6058, 0.3299, 0.3433

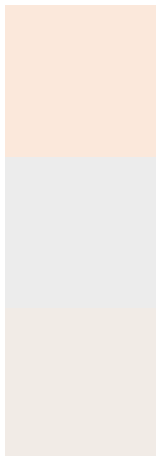
Deuteranomaly

83.5504, 0.3339, 0.3370

Tritanomaly

83.1656, 0.3255, 0.3221

Monochromacy



Original Color

83.3369, 0.3343, 0.3421

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.8306, 0.3199, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.3369, 0.3343, 0.3421 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(251, 232, 219)` looks like.

```
.text, #text, p{  
    color:rgb(251, 232, 219)  
}
```

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(251, 232, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 232, 219) }
```

Border

The CSS property to change the border of an element to Yxy 83.3369, 0.3343, 0.3421 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(251, 232, 219) }
```

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

```
.border{ border-color:rgb(251, 232, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 232, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 232, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 232, 219);  
box-shadow:4px 4px 4px 4px rgb(251, 232,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 83.3369, 0.3343, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 232, 219) }
```

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

```
.background{ background-color: rgb(251,  
232, 219) }
```

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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