

Converting Colors

$Yxy(83.3191, 0.3239, 0.3324)$

Have a look what the booklet for
Yxy(83.3191, 0.3239, 0.3324)
contains.

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Color

Yxy(83.5278, 0.3241, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	F6E9E5
RGB	246, 233, 229
RGB Percent	96%, 91%, 90%
CMY	0.0355, 0.0862, 0.1020
CMYK	0.00, 0.05, 0.07, 0.04
HSL	14°, 48%, 93%
HSV	14°, 7%, 96%
XYZ	81.2710, 83.5278, 85.9602
YIQ	236.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

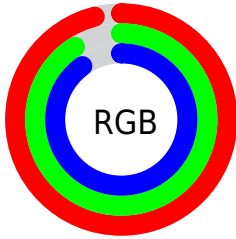
Format	Color
R _Y B	246, 234, 229
Decimal	16181733
CIE Lab	93.25, 3.69, 3.51
CIE LCh	93, 5.090, 43.562
Yxy	83.5278, 0.3241, 0.3331
Android (android.graphics.Color)	4294371813 (0xFF6E9E5)
YUV	236.4310, -3.6635, 8.3920
Hunter-Lab	91.3935, -1.2090, 8.2103

Details

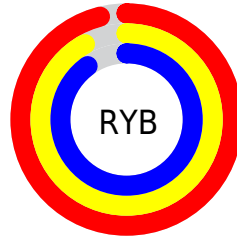
The Yxy color **83.5278, 0.3241, 0.3331** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.7552, 0.3020, 0.3249**, and the grayscale version is **84.2481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4474, 0.3267, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **72.1992, 0.3434, 0.3394**, and if you desaturate by 10%, it is **96.1851, 0.3080, 0.3272**.

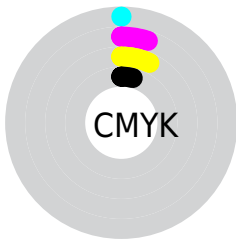
Distribution



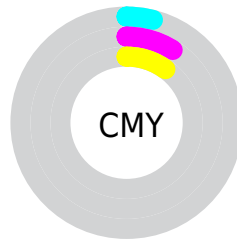
- Red (96%)
- Green (91%)
- Blue (90%)



- Red (96%)
- Yellow (92%)
- Blue (90%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.5278, 0.3241, 0.3331 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 83.5278, 0.3241, 0.3331 by changing the saturation by 10% instead.

 83.5278, 0.3241,
0.3331

 83.5278, 0.3241,
0.3331


506.7439, 0.3189,
0.3313

 62.6257, 0.3253,
0.3335


138.3144, 0.3223,
0.3325

 45.5384, 0.3267,
0.3340


172.9677, 0.3216,
0.3322

 31.8817, 0.3284,
0.3346


212.9735, 0.3210,
0.3320

 21.2712, 0.3307,
0.3354

258.7162, 0.3205,
0.3318

 13.3224, 0.3338,
0.3364

310.5802, 0.3201,
0.3317

 7.6509, 0.3381,
0.3378

368.9499, 0.3196,

 3.8724, 0.3447,

0.3315

0.3399

434.2096, 0.3193,
0.3314

■ 1.6024, 0.3557,
0.3432

■ 0.3592, 0.4607,
0.3835

■ 83.5278, 0.3241,
0.3331

■ 83.5278, 0.3241,
0.3331

■ 72.1992, 0.3434,
0.3394

■ 96.1851, 0.3080,
0.3272

■ 62.1453, 0.3666,
0.3460

■ 98.3222, 0.3071,
0.3290

■ 53.3241, 0.3943,
0.3527

■ 45.6874, 0.4266,
0.3590

■ 39.1838, 0.4633,
0.3641

■ 33.7578, 0.5031,
0.3670

■ 29.3491, 0.5430,
0.3667

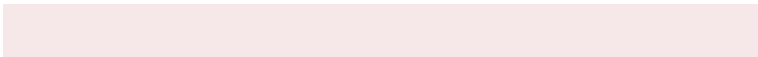
■ 25.8911, 0.5788,
0.3624

■ 23.3077, 0.6061,
0.3542

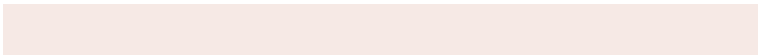
Harmonies

Analogous

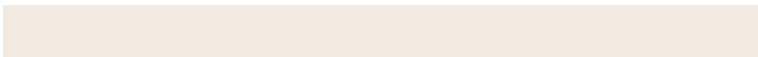
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.5278, 0.3217, 0.3280



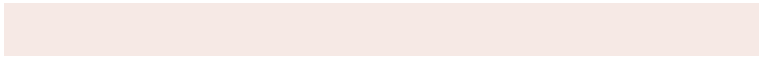
83.5278, 0.3241, 0.3331



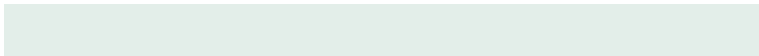
83.5278, 0.3235, 0.3372

Triad

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



83.5278, 0.3241, 0.3331



83.5278, 0.3086, 0.3350



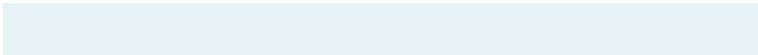
83.5278, 0.3055, 0.3190

Complementary

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



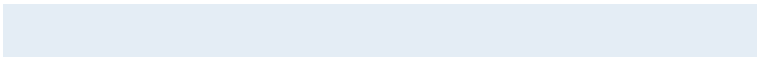
83.5278, 0.3241, 0.3331



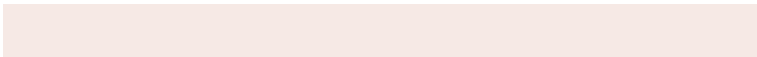
86.7552, 0.3020, 0.3249

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.



83.5278, 0.3021, 0.3208



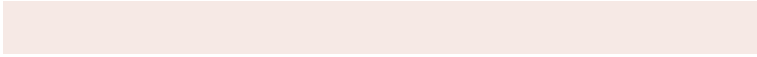
83.5278, 0.3241, 0.3331



83.5278, 0.3039, 0.3300

Square

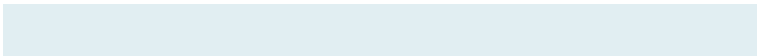
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5278, 0.3241, 0.3331



83.5278, 0.3145, 0.3384



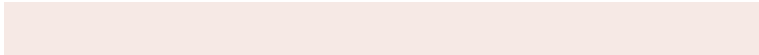
83.5278, 0.3015, 0.3248



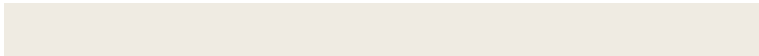
83.5278, 0.3109, 0.3199

Rectangle

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



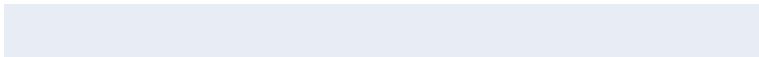
83.5278, 0.3241, 0.3331



83.5278, 0.3214, 0.3388



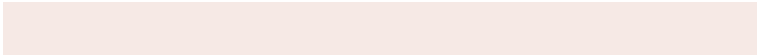
83.5278, 0.3015, 0.3248



83.5278, 0.3041, 0.3193

Sweetspot

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



83.5314, 0.3241, 0.3331



97.2215, 0.3159, 0.3302



82.0259, 0.3160, 0.3160



20.8386, 0.3157, 0.3301



0.0000, 0.0000, 0.0000



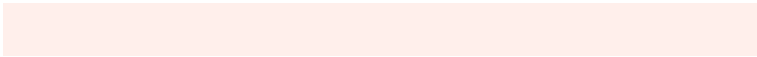
21.4041, 0.3127, 0.3290

Same Dimension

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



83.5314, 0.3241, 0.3331



89.2355, 0.3261, 0.3338



88.3990, 0.3233, 0.3415



17.1228, 0.3288, 0.3347



12.2827, 0.6103, 0.3536



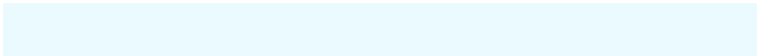
1.2322, 0.5864, 0.3726

Inverse Universe

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



86.7552, 0.3020, 0.3249



93.2748, 0.3003, 0.3242



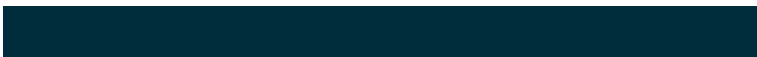
81.8745, 0.3021, 0.3162



18.0500, 0.2980, 0.3232



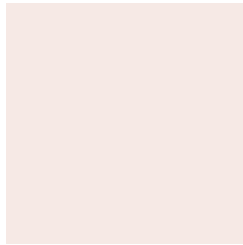
22.8491, 0.2028, 0.2501



2.1652, 0.2059, 0.2612

Previews

White Background



This preview shows how the Yxy color 83.5278, 0.3241, 0.3331 looks on a white background.

Color Contrast Check

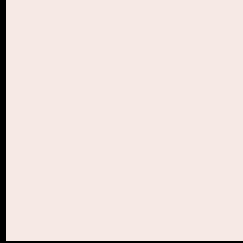
Large Text (above 18pt) WCAG AA × Fail

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 83.5278, 0.3241, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

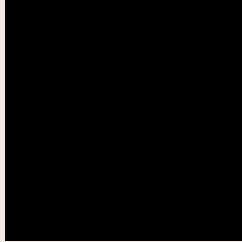
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

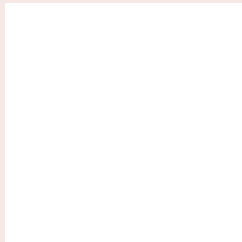
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.5278, 0.3241, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 83.5278, 0.3241, 0.3331.

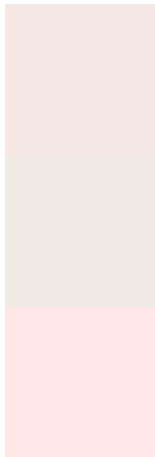


This preview shows how white text looks on a background with the Yxy color 83.5278, 0.3241, 0.3331.

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

83.5278, 0.3241, 0.3331

Protanopia

83.8306, 0.3199, 0.3341

Deuteranopia

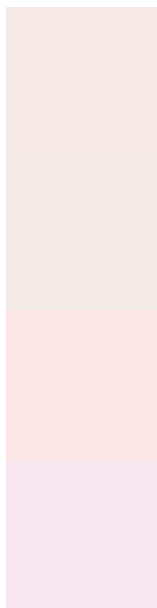
83.6232, 0.3294, 0.3281



Tritanopia

83.5107, 0.3142, 0.3113

Trichromacy



Original Color

83.5278, 0.3241, 0.3331

Protanomaly

83.6135, 0.3213, 0.3331

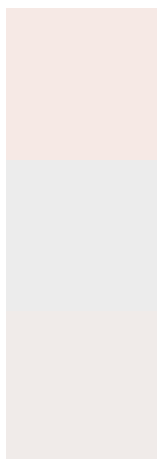
Deuteranomaly

83.5604, 0.3278, 0.3300

Tritanomaly

83.4592, 0.3179, 0.3191

Monochromacy



Original Color

83.5278, 0.3241, 0.3331

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.8251, 0.3173, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.5278, 0.3241, 0.3331 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(246, 233, 229)` looks like.

```
.text, #text, p{  
    color:rgb(246, 233, 229)  
}
```

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(246, 233, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 233, 229) }
```

Border

The CSS property to change the border of an element to Yxy 83.5278, 0.3241, 0.3331 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(246, 233, 229) }
```

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

```
.border{ border-color:rgb(246, 233, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 233, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 233, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 233, 229);  
box-shadow:4px 4px 4px 4px rgb(246, 233,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 83.5278, 0.3241, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 233, 229) }
```

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

```
.background{ background-color: rgb(246,  
233, 229) }
```

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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