

Converting Colors

$Y_{xy}(83.2185, 0.3236, 0.3215)$

Have a look what the booklet for
Yxy(83.2185, 0.3236, 0.3215)
contains.

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Color

Yxy(83.4035, 0.3234, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	FCE6ED
RGB	252, 230, 237
RGB Percent	99%, 90%, 93%
CMY	0.0116, 0.0981, 0.0706
CMYK	0.00, 0.09, 0.06, 0.01
HSL	341°, 79%, 95%
HSV	341°, 9%, 99%
XYZ	83.7401, 83.4035, 91.7930
YIQ	237.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

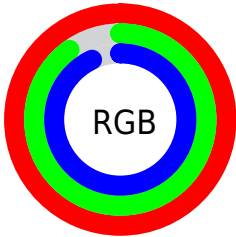
Format	Color
R _Y B	252, 230, 237
Decimal	16574189
CIE Lab	93.19, 8.68, -0.68
CIE LCh	93, 8.707, 355.551
Yxy	83.4035, 0.3234, 0.3221
Android (android.graphics.Color)	4294764269 (0xFFFC6ED)
YUV	237.3760, -0.1854, 12.8252
Hunter-Lab	91.3255, 3.8543, 4.3343

Details

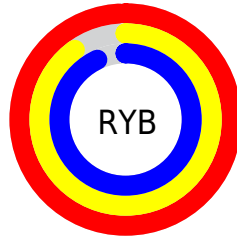
The Yxy color **83.4035, 0.3234, 0.3221** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.0725, 0.3031, 0.3360**, and the grayscale version is **84.9943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.2104, 0.3256, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **69.4203, 0.3382, 0.3138**, and if you desaturate by 10%, it is **99.3942, 0.3114, 0.3298**.

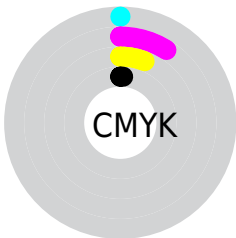
Distribution



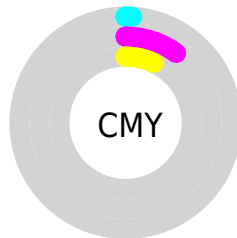
- Red (99%)
- Green (90%)
- Blue (93%)



- Red (99%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.4035, 0.3234, 0.3221 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 83.4035, 0.3234, 0.3221 by changing the saturation by 10% instead.


 83.4035, 0.3234,
0.3221

 83.4035, 0.3234,
0.3221


506.3303, 0.3186,
0.3252

 62.5231, 0.3245,
0.3214


138.1405, 0.3217,
0.3232

 45.4555, 0.3258,
0.3206


172.7658, 0.3211,
0.3236

 31.8164, 0.3274,
0.3195

212.7415, 0.3205,
0.3239

 21.2213, 0.3296,
0.3181

258.4521, 0.3201,
0.3243

 13.2858, 0.3324,
0.3163

310.2818, 0.3196,
0.3245

 7.6257, 0.3364,
0.3138

368.6152, 0.3192,

 3.8564, 0.3424,

0.3248

0.3099

433.8365, 0.3189,
0.3250

■ 1.5935, 0.3524,
0.3036

■ 0.3532, 0.4109,
0.2651

■ 83.4035, 0.3234,
0.3221

■ 83.4035, 0.3234,
0.3221

■ 69.4203, 0.3382,
0.3138

■ 99.3942, 0.3114,
0.3298

■ 57.4691, 0.3564,
0.3051

■ 99.4456, 0.3109,
0.3290

■ 47.4575, 0.3784,
0.2964

■ 39.2823, 0.4047,
0.2884

■ 32.8303, 0.4354,
0.2820

■ 27.9754, 0.4696,
0.2782

■ 24.5747, 0.5057,
0.2784

■ 22.4587, 0.5407,
0.2834

■ 21.3838, 0.5713,
0.2928

Harmonies

Analogous

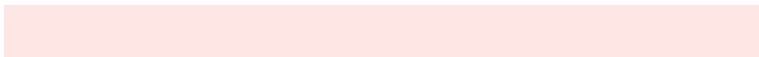
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.4035, 0.3136, 0.3153



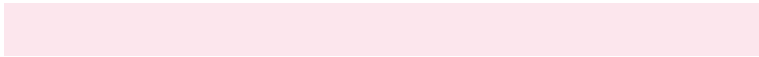
83.4035, 0.3234, 0.3221



83.4035, 0.3303, 0.3307

Triad

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



83.4035, 0.3234, 0.3221



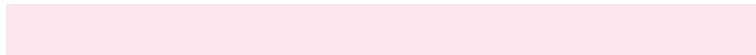
83.4035, 0.3215, 0.3465



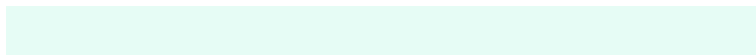
83.4035, 0.2934, 0.3186

Complementary

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



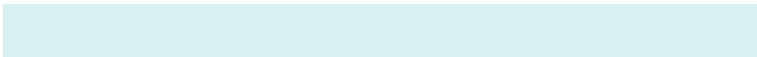
83.4035, 0.3234, 0.3221



93.0725, 0.3031, 0.3360

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.



83.4035, 0.2954, 0.3269



83.4035, 0.3234, 0.3221



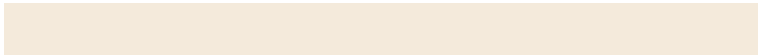
83.4035, 0.3116, 0.3433

Square

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



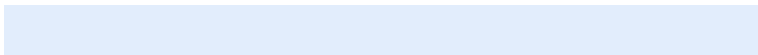
83.4035, 0.3234, 0.3221



83.4035, 0.3292, 0.3449



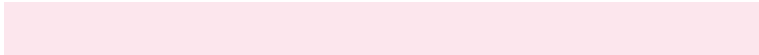
83.4035, 0.3020, 0.3360



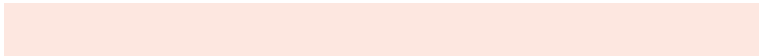
83.4035, 0.2964, 0.3132

Rectangle

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



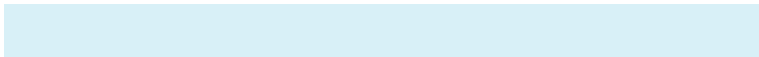
83.4035, 0.3234, 0.3221



83.4035, 0.3324, 0.3364



83.4035, 0.3020, 0.3360



83.4035, 0.2935, 0.3211

Sweetspot

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



83.4071, 0.3234, 0.3221



94.8838, 0.3162, 0.3267



82.9782, 0.3088, 0.3071



20.0237, 0.3171, 0.3261



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

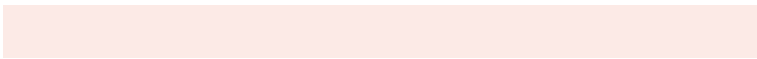
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4071, 0.3234, 0.3221



82.2178, 0.3265, 0.3203



85.0746, 0.3276, 0.3327



17.3159, 0.3244, 0.3215



11.1049, 0.5705, 0.2916



1.0469, 0.5369, 0.2732

Inverse Universe

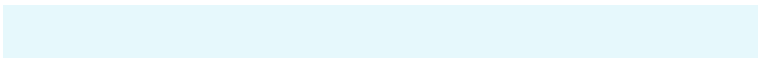
The Inverse Universe completely reimagines the original color for something new.



83.4071, 0.3234, 0.3221



82.2178, 0.3265, 0.3203



91.2199, 0.2991, 0.3253



17.3159, 0.3244, 0.3215



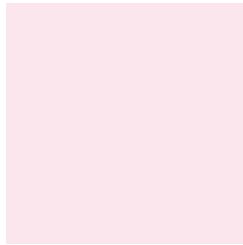
11.1049, 0.5705, 0.2916



1.0469, 0.5369, 0.2732

Previews

White Background



This preview shows how the Yxy color 83.4035, 0.3234, 0.3221 looks on a white background.

Color Contrast Check

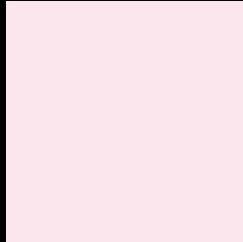
Large Text (above 18pt) WCAG AA × Fail

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 83.4035, 0.3234, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

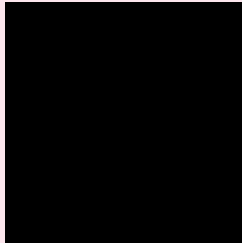
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

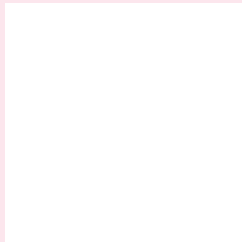
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.4035, 0.3234, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 83.4035, 0.3234, 0.3221.

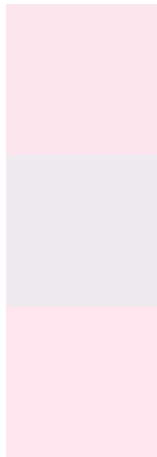


This preview shows how white text looks on a background with the Yxy color 83.4035, 0.3234, 0.3221.

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

83.4035, 0.3234, 0.3221

Protanopia

83.2548, 0.3123, 0.3239

Deuteranopia

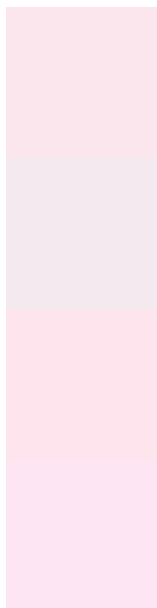
83.4130, 0.3255, 0.3212



Tritanopia

83.0233, 0.3183, 0.3114

Trichromacy



Original Color

83.4035, 0.3234, 0.3221

Protanomaly

83.5056, 0.3163, 0.3240

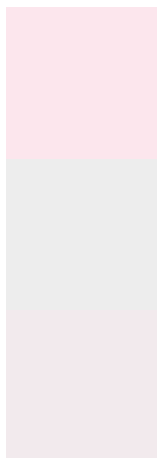
Deuteranomaly

83.2239, 0.3248, 0.3211

Tritanomaly

83.3923, 0.3202, 0.3153

Monochromacy



Original Color

83.4035, 0.3234, 0.3221

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.8373, 0.3162, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.4035, 0.3234, 0.3221 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(252, 230, 237)` looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 237)  
}
```

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(252, 230, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 237) }
```

Border

The CSS property to change the border of an element to Yxy 83.4035, 0.3234, 0.3221 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(252, 230, 237) }
```

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

```
.border{ border-color:rgb(252, 230, 237) }
```

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

Here you see how a box with a 4 pixel rgb(252, 230, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 237);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 83.4035, 0.3234, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 237) }
```

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

```
.background{ background-color: rgb(252,  
230, 237) }
```

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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