

Converting Colors

$Y_{xy}(83.0572, 0.3242, 0.3256)$

Have a look what the booklet for
Yxy(83.0572, 0.3242, 0.3256)
contains.

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Color

Yxy(82.8581, 0.3239, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FAE6EA
RGB	250, 230, 234
RGB Percent	98%, 90%, 92%
CMY	0.0196, 0.0980, 0.0822
CMYK	0.00, 0.08, 0.06, 0.02
HSL	348°, 67%, 94%
HSV	348°, 8%, 98%
XYZ	82.5777, 82.8581, 89.5122
YIQ	236.4360, 10.6360, 5.4840

Conversions

Conversions Part 2

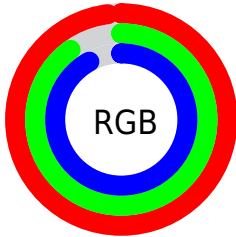
Format	Color
R _Y B	250, 230, 234
Decimal	16443114
CIE Lab	92.95, 7.48, 0.49
CIE LCh	93, 7.496, 3.758
Yxy	82.8581, 0.3239, 0.3250
Android (android.graphics.Color)	4294633194 (0xFFFAE6EA)
YUV	236.4360, -1.2009, 11.8956
Hunter-Lab	91.0264, 2.6360, 5.4148

Details

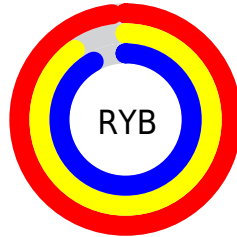
The Yxy color **82.8581, 0.3239, 0.3250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.8485, 0.3026, 0.3330**, and the grayscale version is **84.2396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.2118, 0.3263, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **68.8472, 0.3409, 0.3197**, and if you desaturate by 10%, it is **99.0000, 0.3102, 0.3300**.

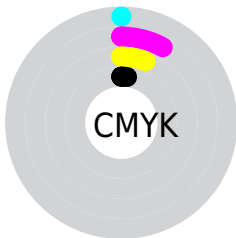
Distribution



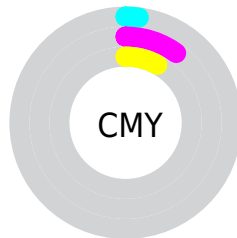
- Red (98%)
- Green (90%)
- Blue (92%)



- Red (98%)
- Yellow (90%)
- Blue (92%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.8581, 0.3239, 0.3250 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 82.8581, 0.3239, 0.3250 by changing the saturation by 10% instead.


 82.8581, 0.3239,
0.3250

 82.8581, 0.3239,
0.3250


504.5135, 0.3188,
0.3268

 62.0731, 0.3250,
0.3246

137.3767, 0.3222,
0.3256

 45.0918, 0.3264,
0.3241


171.8791, 0.3215,
0.3259

 31.5297, 0.3282,
0.3235


211.7227, 0.3209,
0.3261

 21.0025, 0.3304,
0.3226

257.2920, 0.3204,
0.3263

 13.1259, 0.3334,
0.3215

308.9713, 0.3199,
0.3264

 7.5153, 0.3376,
0.3200

367.1451, 0.3195,

 3.7864, 0.3441,

0.3266

0.3176

432.1977, 0.3192,
0.3267

■ 1.5548, 0.3549,
0.3136

■ 0.3268, 0.4321,
0.2863

■ 82.8581, 0.3239,
0.3250

■ 82.8581, 0.3239,
0.3250

■ 68.8472, 0.3409,
0.3197

■ 99.0000, 0.3102,
0.3300

■ 56.8685, 0.3619,
0.3142

■ 99.0647, 0.3096,
0.3290

■ 46.8306, 0.3876,
0.3087

■ 38.6307, 0.4187,
0.3037

■ 32.1568, 0.4550,
0.2998

■ 27.2843, 0.4955,
0.2981

■ 23.8719, 0.5372,
0.2994

■ 21.7534, 0.5756,
0.3043

■ 20.7041, 0.6058,
0.3123

Harmonies

Analogous

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



82.8581, 0.3159, 0.3185



82.8581, 0.3239, 0.3250



82.8581, 0.3289, 0.3326

Triad

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



82.8581, 0.3239, 0.3250



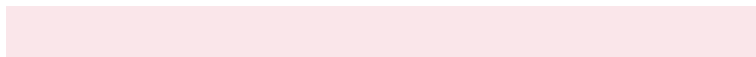
82.8581, 0.3181, 0.3437



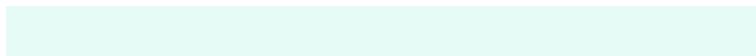
82.8581, 0.2963, 0.3184

Complementary

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



82.8581, 0.3239, 0.3250



91.8485, 0.3026, 0.3330

Split Complementary

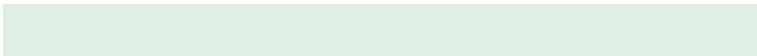
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8581, 0.2969, 0.3251



82.8581, 0.3239, 0.3250



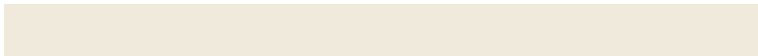
82.8581, 0.3093, 0.3399

Square

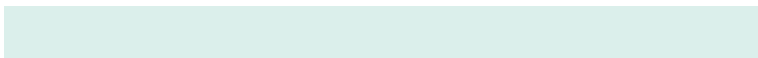
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8581, 0.3239, 0.3250



82.8581, 0.3254, 0.3435



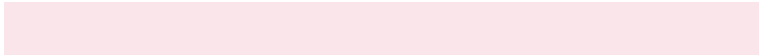
82.8581, 0.3016, 0.3330



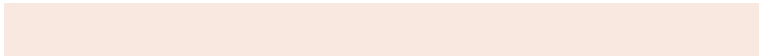
82.8581, 0.3001, 0.3147

Rectangle

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



82.8581, 0.3239, 0.3250



82.8581, 0.3298, 0.3373



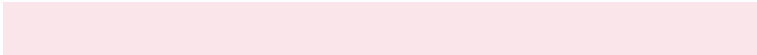
82.8581, 0.3016, 0.3330



82.8581, 0.2960, 0.3204

Sweetspot

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



82.8617, 0.3239, 0.3250



96.5297, 0.3153, 0.3280



83.0297, 0.3107, 0.3092



20.6977, 0.3152, 0.3281



0.0000, 0.0000, 0.0000



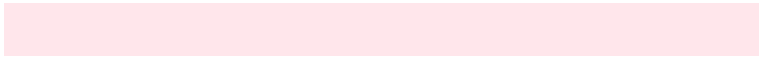
21.4041, 0.3127, 0.3290

Same Dimension

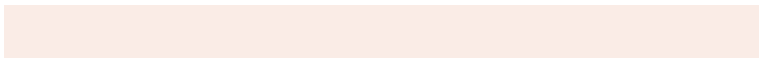
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8617, 0.3239, 0.3250



83.5537, 0.3270, 0.3240



85.8381, 0.3260, 0.3347



17.2825, 0.3262, 0.3242



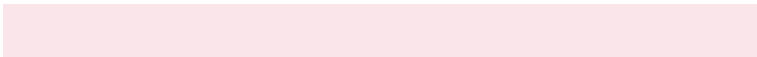
10.9211, 0.6073, 0.3119



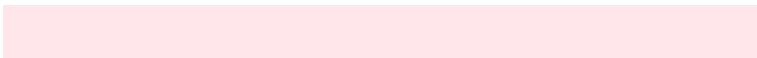
1.0259, 0.5758, 0.2945

Inverse Universe

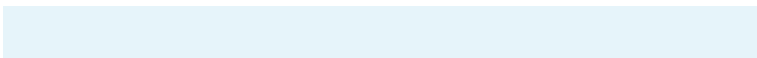
The Inverse Universe completely reimagines the original color for something new.



82.8617, 0.3239, 0.3250



83.5537, 0.3270, 0.3240



88.6296, 0.3003, 0.3232



17.2825, 0.3262, 0.3242



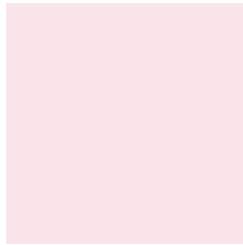
10.9211, 0.6073, 0.3119



1.0259, 0.5758, 0.2945

Previews

White Background



This preview shows how the Yxy color 82.8581, 0.3239, 0.3250 looks on a white background.

Color Contrast Check

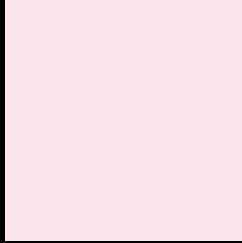
Large Text (above 18pt) WCAG AA × Fail

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 82.8581, 0.3239, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

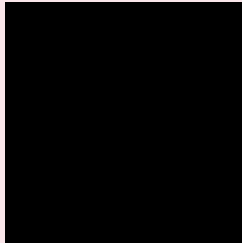
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.8581, 0.3239, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 82.8581, 0.3239, 0.3250.

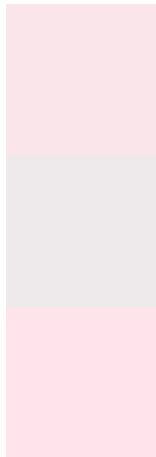


This preview shows how white text looks on a background with the Yxy color 82.8581, 0.3239, 0.3250.

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

82.8581, 0.3239, 0.3250

Protanopia

83.0789, 0.3142, 0.3270

Deuteranopia

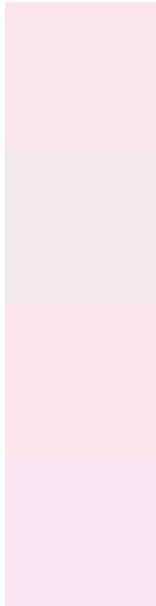
82.7450, 0.3269, 0.3221



Tritanopia

82.8361, 0.3177, 0.3113

Trichromacy



Original Color

82.8581, 0.3239, 0.3250

Protanomaly

83.1532, 0.3176, 0.3270

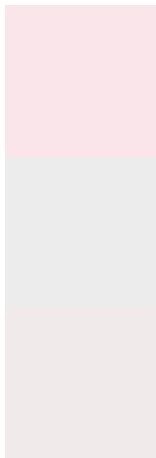
Deuteranomaly

82.9194, 0.3254, 0.3231

Tritanomaly

82.9587, 0.3195, 0.3162

Monochromacy



Original Color

82.8581, 0.3239, 0.3250

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.5446, 0.3168, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8581, 0.3239, 0.3250 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(250, 230, 234)` looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 234)  
}
```

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(250, 230, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 234) }
```

Border

The CSS property to change the border of an element to Yxy 82.8581, 0.3239, 0.3250 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(250, 230, 234) }
```

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

```
.border{ border-color:rgb(250, 230, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 234);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8581, 0.3239, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 234) }
```

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

```
.background{ background-color: rgb(250,  
230, 234) }
```

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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