

Converting Colors

Yxy(83.4965, 0.3153, 0.3134)

Have a look what the booklet for
Yxy(83.4965, 0.3153, 0.3134)
contains.

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Color

Yxy(83.3872, 0.3155, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	F9E6F6
RGB	249, 230, 246
RGB Percent	98%, 90%, 96%
CMY	0.0235, 0.0980, 0.0353
CMYK	0.00, 0.08, 0.01, 0.02
HSL	309°, 61%, 94%
HSV	309°, 8%, 98%
XYZ	83.9996, 83.3872, 98.8559
YIQ	237.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

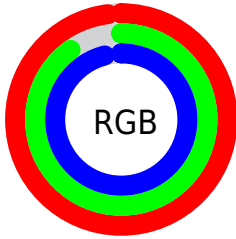
Format	Color
R _Y B	249, 230, 246
Decimal	16377590
CIE Lab	93.18, 9.21, -5.41
CIE LCh	93, 10.680, 329.539
Yxy	83.3872, 0.3155, 0.3132
Android (android.graphics.Color)	4294567670 (0xFF9E6F6)
YUV	237.5050, 4.1880, 10.0811
Hunter-Lab	91.3166, 4.3931, -0.2635

Details

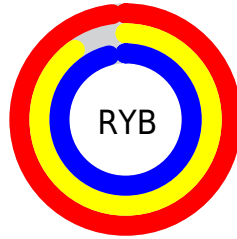
The Yxy color **83.3872, 0.3155, 0.3132** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.4631, 0.3100, 0.3453**, and the grayscale version is **85.0640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.3273, 0.3163, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **70.2676, 0.3196, 0.2918**, and if you desaturate by 10%, it is **98.4987, 0.3119, 0.3338**.

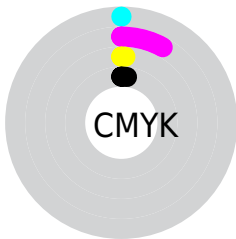
Distribution



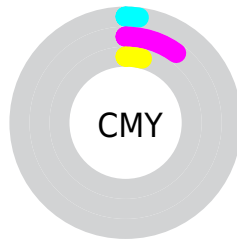
- Red (98%)
- Green (90%)
- Blue (96%)



- Red (98%)
- Yellow (90%)
- Blue (96%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.3872, 0.3155, 0.3132 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 83.3872, 0.3155, 0.3132 by changing the saturation by 10% instead.


 83.3872, 0.3155,
0.3132

 83.3872, 0.3155,
0.3132

506.2761, 0.3143,
0.3203

 62.5096, 0.3158,
0.3116

138.1176, 0.3151,
0.3156

 45.4446, 0.3161,
0.3098


172.7393, 0.3149,
0.3165

 31.8078, 0.3165,
0.3074


212.7111, 0.3148,
0.3174

 21.2147, 0.3170,
0.3044

258.4174, 0.3147,
0.3181

 13.2810, 0.3176,
0.3004

310.2427, 0.3146,
0.3187

 7.6224, 0.3184,
0.2949

368.5713, 0.3145,

 3.8543, 0.3197,

0.3193

0.2868

433.7876, 0.3144,
0.3198

■ 1.5924, 0.3215,
0.2737

■ 0.3525, 0.3343,
0.2105

■ 83.3872, 0.3155,
0.3132

■ 83.3872, 0.3155,
0.3132

■ 70.2676, 0.3196,
0.2918

■ 98.4987, 0.3119,
0.3338

■ 59.0456, 0.3243,
0.2701

■ 98.8091, 0.3097,
0.3301

■ 49.6353, 0.3295,
0.2489

■ 98.8810, 0.3090,
0.3290

■ 41.9400, 0.3352,
0.2289

■ 35.8540, 0.3412,
0.2111

■ 31.2600, 0.3474,
0.1967

■ 28.0244, 0.3535,
0.1863

■ 25.9902, 0.3595,
0.1805

■ 24.9493, 0.3651,
0.1792

Harmonies

Analogous

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



83.3872, 0.3032, 0.3086



83.3872, 0.3155, 0.3132



83.3872, 0.3272, 0.3219

Triad

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



83.3872, 0.3155, 0.3132



83.3872, 0.3320, 0.3491



83.3872, 0.2909, 0.3249

Complementary

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



83.3872, 0.3155, 0.3132



90.4631, 0.3100, 0.3453

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.



83.3872, 0.2983, 0.3362



83.3872, 0.3155, 0.3132



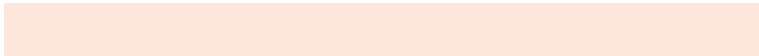
83.3872, 0.3219, 0.3503

Square

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



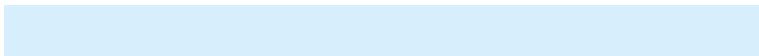
83.3872, 0.3155, 0.3132



83.3872, 0.3368, 0.3424



83.3872, 0.3096, 0.3456



83.3872, 0.2892, 0.3150

Rectangle

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



83.3872, 0.3155, 0.3132



83.3872, 0.3331, 0.3289



83.3872, 0.3096, 0.3456



83.3872, 0.2928, 0.3286

Sweetspot

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



83.3908, 0.3155, 0.3132



96.7372, 0.3134, 0.3249



80.7351, 0.3028, 0.3096



20.7399, 0.3134, 0.3251



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

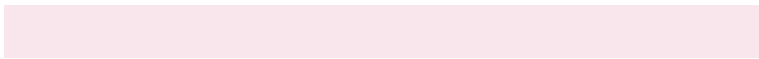
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3908, 0.3155, 0.3132



85.9897, 0.3160, 0.3103



82.8313, 0.3215, 0.3224



17.4746, 0.3162, 0.3093



13.2783, 0.3655, 0.1787



1.2421, 0.3593, 0.1753

Inverse Universe

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



83.3908, 0.3155, 0.3132



85.9897, 0.3160, 0.3103



91.0115, 0.3047, 0.3357



17.4746, 0.3162, 0.3093



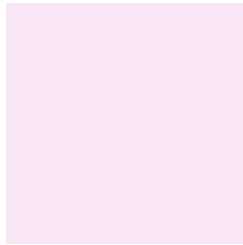
13.2783, 0.3655, 0.1787



1.2421, 0.3593, 0.1753

Previews

White Background



This preview shows how the Yxy color 83.3872, 0.3155, 0.3132 looks on a white background.

Color Contrast Check

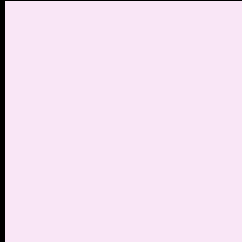
Large Text (above 18pt) WCAG AA × Fail

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 83.3872, 0.3155, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

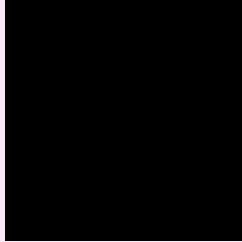
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

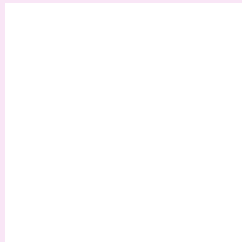
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.3872, 0.3155, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 83.3872, 0.3155, 0.3132.



This preview shows how white text looks on a background with the Yxy color 83.3872, 0.3155, 0.3132.

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

83.3872, 0.3155, 0.3132

Protanopia

83.4558, 0.3054, 0.3149

Deuteranopia

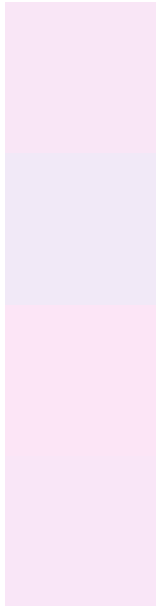
83.0233, 0.3183, 0.3114



Tritanopia

83.5107, 0.3142, 0.3113

Trichromacy



Original Color

83.3872, 0.3155, 0.3132

Protanomaly

83.6940, 0.3094, 0.3150

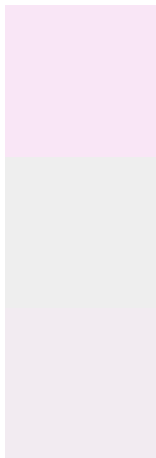
Deuteranomaly

83.3879, 0.3176, 0.3123

Tritanomaly

83.4488, 0.3149, 0.3122

Monochromacy



Original Color

83.3872, 0.3155, 0.3132

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.6448, 0.3137, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.3872, 0.3155, 0.3132 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(249, 230, 246) looks like.

```
.text, #text, p{  
    color:rgb(249, 230, 246)  
}
```

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(249, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 230, 246) }
```

Border

The CSS property to change the border of an element to Yxy 83.3872, 0.3155, 0.3132 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(249, 230, 246) }
```

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

```
.border{ border-color:rgb(249, 230, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 230, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 230,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 83.3872, 0.3155, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 230, 246) }
```

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

```
.background{ background-color: rgb(249,  
230, 246) }
```

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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