

Converting Colors

Yxy(83.6264, 0.3148, 0.3096)

Have a look what the booklet for
Yxy(83.6264, 0.3148, 0.3096)
contains.

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Color

Yxy(83.3874, 0.3150, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	FBE5F9
RGB	251, 229, 249
RGB Percent	98%, 90%, 98%
CMY	0.0157, 0.1019, 0.0236
CMYK	0.00, 0.09, 0.01, 0.02
HSL	305°, 73%, 94%
HSV	305°, 9%, 98%
XYZ	84.8967, 83.3874, 101.2292
YIQ	237.8580, 6.6920, 10.8840

Conversions

Conversions Part 2

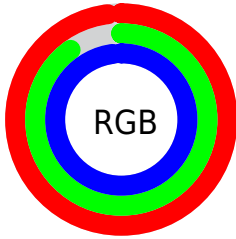
Format	Color
RYB	251, 229, 249
Decimal	16508409
CIELab	93.18, 10.91, -6.95
CIElCh	93, 12.934, 327.490
Yxy	83.3874, 0.3150, 0.3094
Android (android.graphics.Color)	4294698489 (0xFFFFBE5F9)
YUV	237.8580, 5.4930, 11.5255
Hunter-Lab	91.3167, 6.1463, -1.8043

Details

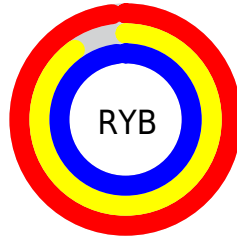
The Yxy color **83.3874, 0.3150, 0.3094** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.4188, 0.3105, 0.3494**, and the grayscale version is **85.3383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.5917, 0.3147, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **70.3481, 0.3179, 0.2864**, and if you desaturate by 10%, it is **98.4437, 0.3124, 0.3317**.

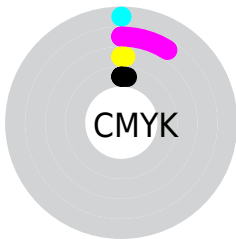
Distribution



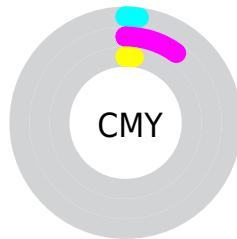
- Red (98%)
- Green (90%)
- Blue (98%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.3874, 0.3150, 0.3094 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 83.3874, 0.3150, 0.3094 by changing the saturation by 10% instead.

 83.3874, 0.3150,
0.3094

 83.3874, 0.3150,
0.3094

506.2767, 0.3140,
0.3181

 62.5098, 0.3152,
0.3075

138.1179, 0.3147,
0.3124

 45.4447, 0.3154,
0.3052


172.7396, 0.3146,
0.3135

 31.8079, 0.3157,
0.3023


212.7115, 0.3144,
0.3145

 21.2148, 0.3161,
0.2986

258.4178, 0.3143,
0.3154

 13.2811, 0.3165,
0.2937

310.2432, 0.3143,
0.3162

 7.6224, 0.3171,
0.2870

368.5718, 0.3142,

 3.8543, 0.3179,

0.3169

0.2772

433.7882, 0.3141,
0.3176

■ 1.5924, 0.3189,
0.2614

■ 0.3525, 0.3297,
0.1933

■ 83.3874, 0.3150,
0.3094

■ 83.3874, 0.3150,
0.3094

■ 70.3481, 0.3179,
0.2864

■ 98.4437, 0.3124,
0.3317

■ 59.2290, 0.3211,
0.2632

■ 99.1554, 0.3111,
0.3304

■ 49.9420, 0.3246,
0.2407

■ 99.2474, 0.3102,
0.3290

■ 42.3874, 0.3282,
0.2198

■ 36.4564, 0.3319,
0.2015

■ 32.0276, 0.3356,
0.1867

■ 28.9629, 0.3392,
0.1761

■ 27.0985, 0.3424,
0.1700

■ 26.1969, 0.3454,
0.1680

Harmonies

Analogous

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



83.3874, 0.3003, 0.3042



83.3874, 0.3150, 0.3094



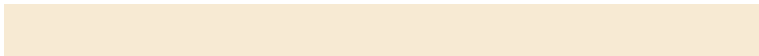
83.3874, 0.3294, 0.3195

Triad

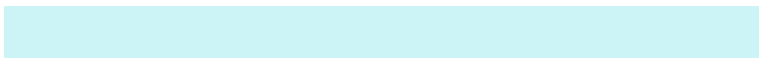
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3874, 0.3150, 0.3094



83.3874, 0.3366, 0.3529



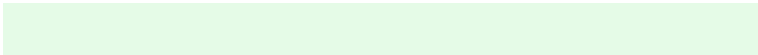
83.3874, 0.2867, 0.3248

Complementary

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



83.3874, 0.3150, 0.3094



91.4188, 0.3105, 0.3494

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.



83.3874, 0.2960, 0.3386



83.3874, 0.3150, 0.3094



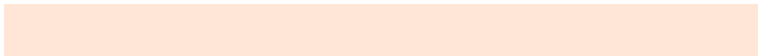
83.3874, 0.3248, 0.3551

Square

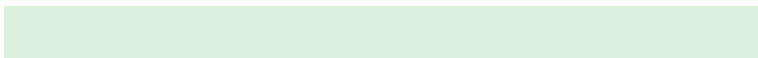
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



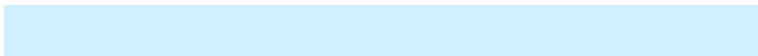
83.3874, 0.3150, 0.3094



83.3874, 0.3421, 0.3444



83.3874, 0.3099, 0.3498



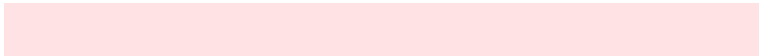
83.3874, 0.2842, 0.3127

Rectangle

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



83.3874, 0.3150, 0.3094



83.3874, 0.3368, 0.3279



83.3874, 0.3099, 0.3498



83.3874, 0.2891, 0.3295

Sweetspot

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



83.3910, 0.3150, 0.3094



95.1709, 0.3135, 0.3224



79.9723, 0.3003, 0.3066



20.1012, 0.3137, 0.3206



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

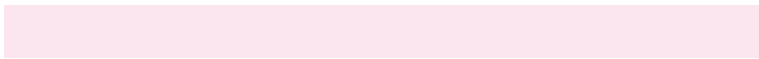
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3910, 0.3150, 0.3094



83.2270, 0.3156, 0.3043



82.7355, 0.3220, 0.3199



17.4956, 0.3152, 0.3077



13.7389, 0.3453, 0.1676



1.2802, 0.3421, 0.1658

Inverse Universe

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



83.3910, 0.3150, 0.3094



83.2270, 0.3156, 0.3043



92.0490, 0.3043, 0.3382



17.4956, 0.3152, 0.3077



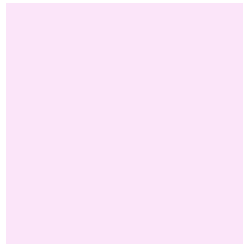
13.7389, 0.3453, 0.1676



1.2802, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 83.3874, 0.3150, 0.3094 looks on a white background.

Color Contrast Check

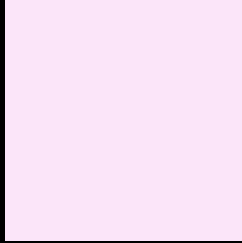
Large Text (above 18pt) WCAG AA × Fail

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 83.3874, 0.3150, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

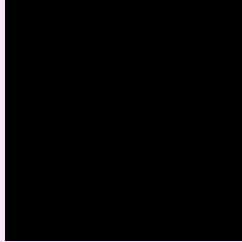
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

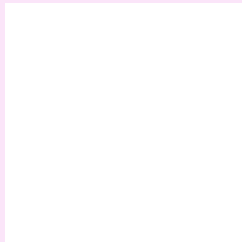
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.3874, 0.3150, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 83.3874, 0.3150, 0.3094.

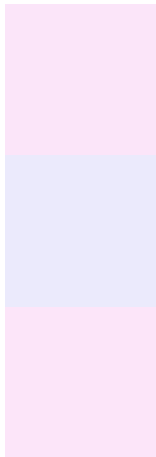


This preview shows how white text looks on a background with the Yxy color 83.3874, 0.3150, 0.3094.

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

83.3874, 0.3150, 0.3094

Protanopia

83.5361, 0.3024, 0.3109

Deuteranopia

83.5736, 0.3157, 0.3094



Tritanopia

83.2633, 0.3163, 0.3113

Trichromacy



Original Color

83.3874, 0.3150, 0.3094

Protanomaly

83.3790, 0.3069, 0.3100

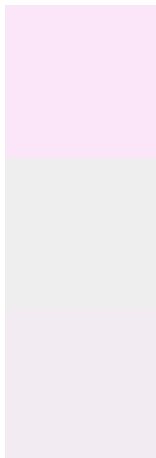
Deuteranomaly

83.5736, 0.3157, 0.3094

Tritanomaly

83.3252, 0.3156, 0.3103

Monochromacy



Original Color

83.3874, 0.3150, 0.3094

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.8822, 0.3137, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.3874, 0.3150, 0.3094 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, 229, 249)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 249)  
}
```

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, 229, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 249) }
```

Border

The CSS property to change the border of an element to Yxy 83.3874, 0.3150, 0.3094 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, 229, 249) }
```

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

```
.border{ border-color:rgb(251, 229, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 249);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 83.3874, 0.3150, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 249) }
```

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

```
.background{ background-color: rgb(251,  
229, 249) }
```

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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