

Converting Colors

Yxy(83.2156, 0.3148, 0.3123)

Have a look what the booklet for
Yxy(83.2156, 0.3148, 0.3123)
contains.

Yxy(83.4488, 0.3149, 0.3122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(83.4488, 0.3149, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	F9E6F7
RGB	249, 230, 247
RGB Percent	98%, 90%, 97%
CMY	0.0233, 0.0981, 0.0313
CMYK	0.00, 0.08, 0.01, 0.02
HSL	306°, 62%, 94%
HSV	306°, 8%, 98%
XYZ	84.1705, 83.4488, 99.6735
YIQ	237.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

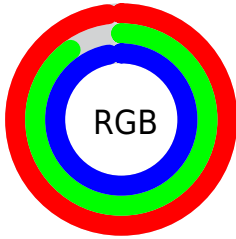
Format	Color
R_{YB}	249, 230, 247
Decimal	16377591
CIE Lab	93.21, 9.42, -5.90
CIE LCh	93, 11.111, 327.925
Yxy	83.4488, 0.3149, 0.3122
Android (android.graphics.Color)	4294567671 (0xFFFF9E6F7)
YUV	237.6190, 4.6248, 9.9811
Hunter-Lab	91.3503, 4.6075, -0.7468

Details

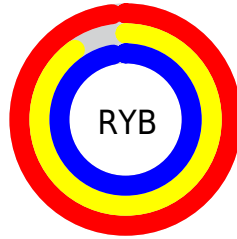
The Yxy color **83.4488, 0.3149, 0.3122** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.4413, 0.3106, 0.3464**, and the grayscale version is **85.1588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.3711, 0.3155, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **70.4028, 0.3181, 0.2896**, and if you desaturate by 10%, it is **98.4848, 0.3121, 0.3340**.

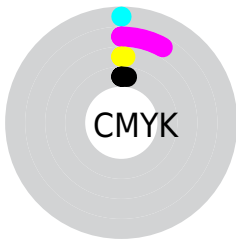
Distribution



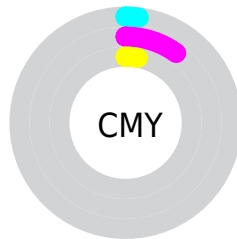
- Red (98%)
- Green (90%)
- Blue (97%)



- Red (98%)
- Yellow (90%)
- Blue (97%)



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





- Cyan (2%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.4488, 0.3149, 0.3122 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 83.4488, 0.3149, 0.3122 by changing the saturation by 10% instead.

 83.4488, 0.3149,
0.3122

 83.4488, 0.3149,
0.3122


506.4810, 0.3140,
0.3197

 62.5605, 0.3151,
0.3106


138.2039, 0.3146,
0.3147

 45.4857, 0.3153,
0.3085


172.8394, 0.3145,
0.3158

 31.8402, 0.3156,
0.3061


212.8261, 0.3144,
0.3166

 21.2395, 0.3160,
0.3029

258.5483, 0.3143,
0.3174

 13.2991, 0.3165,
0.2987

310.3906, 0.3142,
0.3181

 7.6349, 0.3171,
0.2928

368.7372, 0.3141,

 3.8622, 0.3179,

0.3187

0.2843

433.9725, 0.3140,
0.3192

■ 1.5968, 0.3191,
0.2704

■ 0.3554, 0.3295,
0.2063

■ 83.4488, 0.3149,
0.3122

■ 83.4488, 0.3149,
0.3122

■ 70.4028, 0.3181,
0.2896

■ 98.4848, 0.3121,
0.3340

■ 59.2525, 0.3216,
0.2668

■ 98.7243, 0.3106,
0.3315

■ 49.9119, 0.3255,
0.2445

■ 98.8920, 0.3091,
0.3290

■ 42.2843, 0.3296,
0.2237

■ 36.2640, 0.3338,
0.2053

■ 31.7333, 0.3381,
0.1902

■ 28.5589, 0.3423,
0.1793

■ 26.5835, 0.3462,
0.1729

■ 25.5981, 0.3498,
0.1707

Harmonies

Analogous

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



83.4488, 0.3022, 0.3076



83.4488, 0.3149, 0.3122



83.4488, 0.3272, 0.3210

Triad

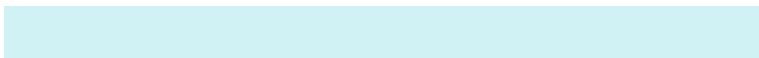
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4488, 0.3149, 0.3122



83.4488, 0.3332, 0.3496



83.4488, 0.2903, 0.3253

Complementary

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



83.4488, 0.3149, 0.3122



90.4413, 0.3106, 0.3464

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.



83.4488, 0.2982, 0.3371



83.4488, 0.3149, 0.3122



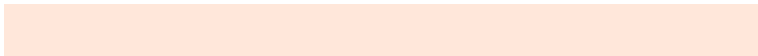
83.4488, 0.3230, 0.3513

Square

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



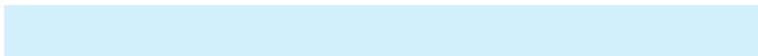
83.4488, 0.3149, 0.3122



83.4488, 0.3379, 0.3424



83.4488, 0.3102, 0.3467



83.4488, 0.2882, 0.3149

Rectangle

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



83.4488, 0.3149, 0.3122



83.4488, 0.3335, 0.3282



83.4488, 0.3102, 0.3467



83.4488, 0.2923, 0.3293

Sweetspot

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



83.4524, 0.3149, 0.3122



96.7537, 0.3133, 0.3247



80.5658, 0.3021, 0.3095



20.7433, 0.3132, 0.3249



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

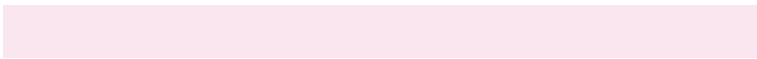
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4524, 0.3149, 0.3122



86.0631, 0.3153, 0.3092



82.8869, 0.3209, 0.3214



17.4904, 0.3155, 0.3081



13.6212, 0.3501, 0.1702



1.2705, 0.3462, 0.1681

Inverse Universe

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



83.4524, 0.3149, 0.3122



86.0631, 0.3153, 0.3092



90.9896, 0.3052, 0.3367



17.4904, 0.3155, 0.3081



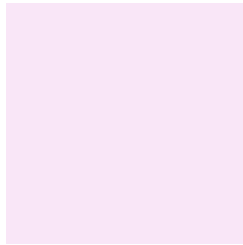
13.6212, 0.3501, 0.1702



1.2705, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 83.4488, 0.3149, 0.3122 looks on a white background.

Color Contrast Check

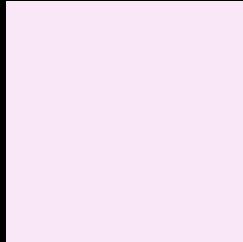
Large Text (above 18pt) WCAG AA × Fail

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 83.4488, 0.3149, 0.3122 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 83.4488, 0.3149, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 83.4488, 0.3149, 0.3122.



This preview shows how white text looks on a background with the Yxy color 83.4488, 0.3149, 0.3122.

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

83.4488, 0.3149, 0.3122

Protanopia

83.5806, 0.3042, 0.3129

Deuteranopia

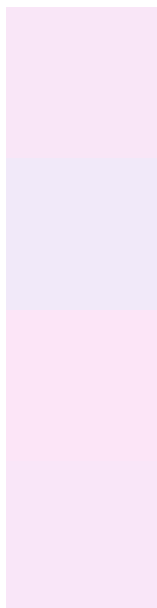
83.6367, 0.3176, 0.3114



Tritanopia

83.5107, 0.3142, 0.3113

Trichromacy



Original Color

83.4488, 0.3149, 0.3122

Protanomaly

83.8182, 0.3081, 0.3130

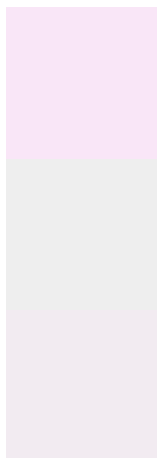
Deuteranomaly

83.4495, 0.3170, 0.3113

Tritanomaly

83.5107, 0.3142, 0.3113

Monochromacy



Original Color

83.4488, 0.3149, 0.3122

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 83.4488, 0.3149, 0.3122 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, 247) looks like.

```
.text, #text, p{  
    color:rgb(249, 230, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 230, 247) }
```

Border

The CSS property to change the border of an element to Yxy 83.4488, 0.3149, 0.3122 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, 247) }
```

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

```
.border{ border-color:rgb(249, 230, 247) }
```

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, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 230, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 230, 247);  
box-shadow:4px 4px 4px 4px rgb(249, 230,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 83.4488, 0.3149, 0.3122 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, 247) }
```

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

```
.background{ background-color: rgb(249,  
230, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor