

Converting Colors

$Yxy(79.6883, 0.3148, 0.3046)$

Have a look what the booklet for
Yxy(79.6883, 0.3148, 0.3046)
contains.

Yxy(79.6924, 0.3146, 0.3042)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.6924, 0.3146, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	F9DFF8
RGB	249, 223, 248
RGB Percent	98%, 87%, 97%
CMY	0.0233, 0.1256, 0.0274
CMYK	0.00, 0.10, 0.00, 0.02
HSL	302°, 69%, 93%
HSV	302°, 10%, 98%
XYZ	82.4169, 79.6924, 99.8644
YIQ	233.6240, 7.4710, 13.2870

Conversions

Conversions Part 2

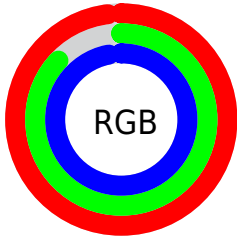
Format	Color
R_{YB}	249, 223, 248
Decimal	16375800
CIE _{Lab}	91.55, 13.23, -8.89
CIE _{LCh}	92, 15.940, 326.090
Yxy	79.6924, 0.3146, 0.3042
Android (android.graphics.Color)	4294565880 (0xFFFF9DFF8)
YUV	233.6240, 7.0874, 13.4848
Hunter-Lab	89.2706, 8.5723, -3.8365

Details

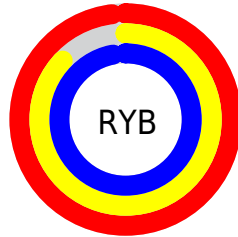
The Yxy color **79.6924, 0.3146, 0.3042** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.8581, 0.3108, 0.3551**, and the grayscale version is **81.9294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0175, 0.3141, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **67.2916, 0.3165, 0.2799**, and if you desaturate by 10%, it is **94.0579, 0.3128, 0.3279**.

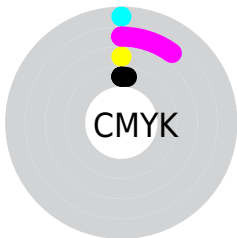
Distribution



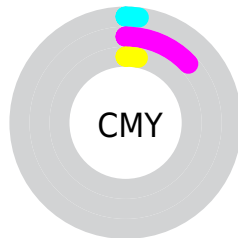
- Red (98%)
- Green (87%)
- Blue (97%)



- Red (98%)
- Yellow (87%)
- Blue (97%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.6924, 0.3146, 0.3042 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 79.6924, 0.3146, 0.3042 by changing the saturation by 10% instead.

 79.6924, 0.3146,
0.3042

 79.6924, 0.3146,
0.3042


493.8956, 0.3138,
0.3153

 59.4653, 0.3147,
0.3018

132.9332, 0.3144,
0.3080

 42.9878, 0.3149,
0.2988


166.7156, 0.3143,
0.3095

 29.8755, 0.3151,
0.2951


205.7853, 0.3142,
0.3107

 19.7441, 0.3154,
0.2904


250.5265, 0.3141,
0.3119

 12.2092, 0.3156,
0.2841

301.3238, 0.3140,
0.3129

 6.8863, 0.3159,
0.2755

358.5615, 0.3140,

 3.3911, 0.3162,

0.3138

0.2628

422.6239, 0.3139,
0.3146

■ 1.3392, 0.3162,
0.2423

■ 0.1712, 0.3315,
0.1169

■ 79.6924, 0.3146,
0.3042

■ 79.6924, 0.3146,
0.3042

■ 67.2916, 0.3165,
0.2799

■ 94.0579, 0.3128,
0.3279

■ 56.7599, 0.3186,
0.2558

■ 98.5738, 0.3119,
0.3338

■ 48.0095, 0.3207,
0.2326

■ 98.6361, 0.3113,
0.3328

■ 40.9413, 0.3229,
0.2113

■ 98.6988, 0.3108,
0.3319

35.4465, 0.3250,
0.1930

98.7618, 0.3102,
0.3309

31.4038, 0.3269,
0.1784

98.8251, 0.3096,
0.3300

28.6739, 0.3286,
0.1681

98.8888, 0.3091,
0.3290

27.0906, 0.3301,
0.1621

98.8912, 0.3091,
0.3290

26.3923, 0.3313,
0.1599

Harmonies

Analogous

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



79.6924, 0.2963, 0.2980



79.6924, 0.3146, 0.3042



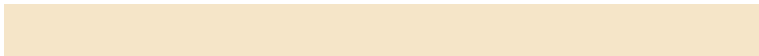
79.6924, 0.3328, 0.3165

Triad

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



79.6924, 0.3146, 0.3042



79.6924, 0.3432, 0.3585



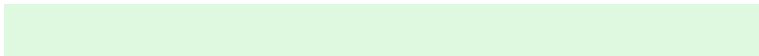
79.6924, 0.2807, 0.3244

Complementary

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



79.6924, 0.3146, 0.3042



88.8581, 0.3108, 0.3551

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.



79.6924, 0.2926, 0.3418



79.6924, 0.3146, 0.3042



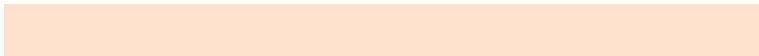
79.6924, 0.3286, 0.3618

Square

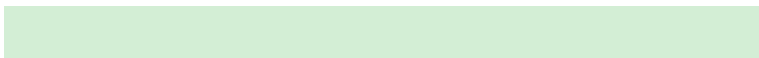
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



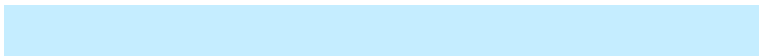
79.6924, 0.3146, 0.3042



79.6924, 0.3496, 0.3474



79.6924, 0.3100, 0.3558



79.6924, 0.2772, 0.3091

Rectangle

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



79.6924, 0.3146, 0.3042



79.6924, 0.3424, 0.3267



79.6924, 0.3100, 0.3558



79.6924, 0.2838, 0.3303

Sweetspot

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



79.6958, 0.3146, 0.3042



95.1962, 0.3132, 0.3220



75.4328, 0.2968, 0.3018



20.1081, 0.3134, 0.3201



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.



79.6958, 0.3146, 0.3042



80.5582, 0.3151, 0.2981



78.9240, 0.3231, 0.3168



17.5119, 0.3144, 0.3065



14.1246, 0.3311, 0.1598



1.3118, 0.3298, 0.1591

Inverse Universe

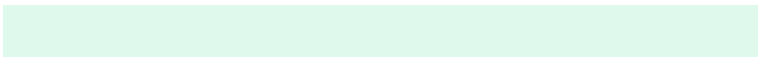
The Inverse Universe completely reimagines the original color for something new.



79.6958, 0.3146, 0.3042



80.5582, 0.3151, 0.2981



89.5833, 0.3034, 0.3415



17.5119, 0.3144, 0.3065



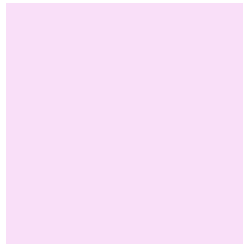
14.1246, 0.3311, 0.1598



1.3118, 0.3298, 0.1591

Previews

White Background



This preview shows how the Yxy color 79.6924, 0.3146, 0.3042 looks on a white background.

Color Contrast Check

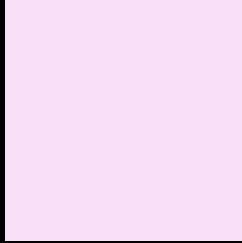
Large Text (above 18pt) WCAG AA × Fail

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 79.6924, 0.3146, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

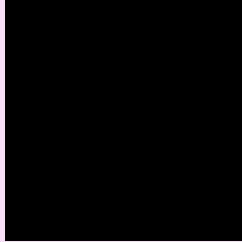
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.6924, 0.3146, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 79.6924, 0.3146, 0.3042.

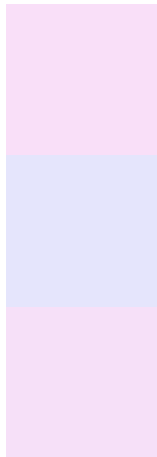


This preview shows how white text looks on a background with the Yxy color 79.6924, 0.3146, 0.3042.

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

79.6924, 0.3146, 0.3042

Protanopia

79.7249, 0.2985, 0.3055

Deuteranopia

79.6815, 0.3125, 0.3051



Tritanopia

79.6786, 0.3177, 0.3110

Trichromacy



Original Color

79.6924, 0.3146, 0.3042

Protanomaly

79.7361, 0.3037, 0.3047

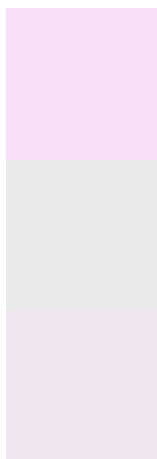
Deuteranomaly

79.8628, 0.3131, 0.3051

Tritanomaly

79.7994, 0.3164, 0.3091

Monochromacy



Original Color

79.6924, 0.3146, 0.3042

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.1763, 0.3131, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6924, 0.3146, 0.3042 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, 223, 248)` looks like.

```
.text, #text, p{  
    color:rgb(249, 223, 248)  
}
```

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, 223, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 223, 248) }
```

Border

The CSS property to change the border of an element to Yxy 79.6924, 0.3146, 0.3042 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, 223, 248) }
```

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

```
.border{ border-color:rgb(249, 223, 248) }
```

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

Here you see how a box with a 4 pixel rgb(249, 223, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 223, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 223, 248);  
box-shadow:4px 4px 4px 4px rgb(249, 223,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6924, 0.3146, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 223, 248) }
```

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

```
.background{ background-color: rgb(249,  
223, 248) }
```

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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