

Converting Colors

$Y_{xy}(81.4879, 0.3172, 0.3035)$

Have a look what the booklet for
Yxy(81.4879, 0.3172, 0.3035)
contains.

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Color

Yxy(81.4734, 0.3174, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0FA
RGB	255, 224, 250
RGB Percent	100%, 88%, 98%
CMY	0.0000, 0.1215, 0.0198
CMYK	0.00, 0.12, 0.02, 0.00
HSL	310°, 100%, 94%
HSV	310°, 12%, 100%
XYZ	85.1487, 81.4734, 101.6473
YIQ	236.2330, 10.1300, 14.6580

Conversions

Conversions Part 2

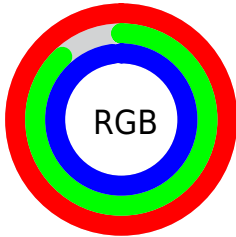
Format	Color
R _Y B	255, 224, 250
Decimal	16769274
CIE Lab	92.34, 15.01, -8.67
CIE LCh	92, 17.336, 329.988
Yxy	81.4734, 0.3174, 0.3037
Android (android.graphics.Color)	4294959354 (0xFFFFE0FA)
YUV	236.2330, 6.7871, 16.4587
Hunter-Lab	90.2626, 10.4273, -3.5843

Details

The Yxy color **81.4734, 0.3174, 0.3037** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93.0281, 0.3084, 0.3557**, and the grayscale version is **84.0086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2767, 0.3178, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **68.5227, 0.3219, 0.2822**, and if you desaturate by 10%, it is **96.4878, 0.3135, 0.3246**.

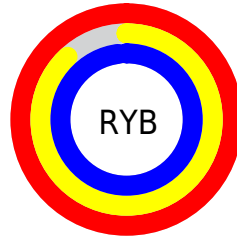
Distribution



Red (100%)

Green (88%)

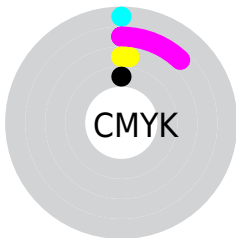
Blue (98%)



Red (100%)

Yellow (88%)

Blue (98%)

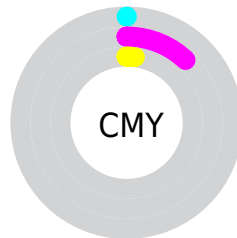


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.4734, 0.3174, 0.3037 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 81.4734, 0.3174, 0.3037 by changing the saturation by 10% instead.


 81.4734, 0.3174,
0.3037

 81.4734, 0.3174,
0.3037

499.8845, 0.3154,
0.3149

 60.9316, 0.3178,
0.3012

135.4353, 0.3167,
0.3075

 44.1699, 0.3183,
0.2982


169.6241, 0.3165,
0.3090

 30.8041, 0.3190,
0.2945


209.1307, 0.3162,
0.3103

 20.4497, 0.3197,
0.2898

254.3396, 0.3160,
0.3115

 12.7224, 0.3207,
0.2836

305.6349, 0.3158,
0.3125

 7.2377, 0.3220,
0.2750

363.4013, 0.3157,

 3.6112, 0.3238,

0.3134

0.2625

428.0230, 0.3155,
0.3142

■ 1.4585, 0.3264,
0.2425

■ 0.2593, 0.3481,
0.1473

■ 81.4734, 0.3174,
0.3037

■ 81.4734, 0.3174,
0.3037

■ 68.5227, 0.3219,
0.2822

■ 96.4878, 0.3135,
0.3246

■ 57.5407, 0.3269,
0.2607

100.0000, 0.3127,
0.3290

■ 48.4305, 0.3325,
0.2399

■ 41.0855, 0.3384,
0.2209

■ 35.3886, 0.3447,
0.2045

■ 31.2082, 0.3511,
0.1919

■ 28.3929, 0.3574,
0.1837

■ 26.7595, 0.3634,
0.1801

■ 26.0916, 0.3679,
0.1800

Harmonies

Analogous

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



81.4734, 0.2974, 0.2961



81.4734, 0.3174, 0.3037



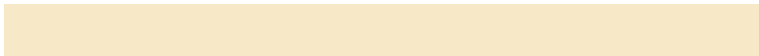
81.4734, 0.3367, 0.3175

Triad

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



81.4734, 0.3174, 0.3037



81.4734, 0.3440, 0.3619



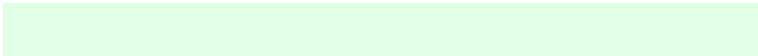
81.4734, 0.2771, 0.3216

Complementary

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



81.4734, 0.3174, 0.3037



93.0281, 0.3084, 0.3557

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.



81.4734, 0.2889, 0.3405



81.4734, 0.3174, 0.3037



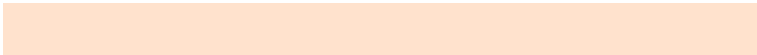
81.4734, 0.3273, 0.3643

Square

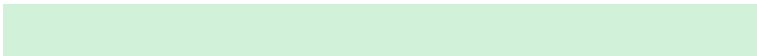
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



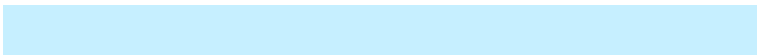
81.4734, 0.3174, 0.3037



81.4734, 0.3523, 0.3507



81.4734, 0.3071, 0.3564



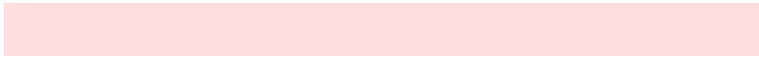
81.4734, 0.2746, 0.3057

Rectangle

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



81.4734, 0.3174, 0.3037



81.4734, 0.3463, 0.3287



81.4734, 0.3071, 0.3564



81.4734, 0.2801, 0.3278

Sweetspot

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



81.4747, 0.3174, 0.3037



93.5575, 0.3142, 0.3208



77.1365, 0.2964, 0.2973



19.7740, 0.3144, 0.3193



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.



81.4747, 0.3174, 0.3037



77.5828, 0.3186, 0.2976



80.5648, 0.3274, 0.3183



18.2466, 0.3163, 0.3093



13.6523, 0.3669, 0.1795



1.3422, 0.3608, 0.1761

Inverse Universe

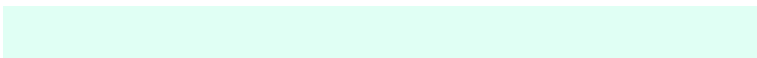
The Inverse Universe completely reimagines the original color for something new.



81.4747, 0.3174, 0.3037



77.5828, 0.3186, 0.2976



93.9093, 0.2999, 0.3400



18.2466, 0.3163, 0.3093



13.6523, 0.3669, 0.1795



1.3422, 0.3608, 0.1761

Previews

White Background



This preview shows how the Yxy color 81.4734, 0.3174, 0.3037 looks on a white background.

Color Contrast Check

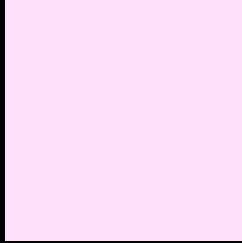
Large Text (above 18pt) WCAG AA × Fail

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 81.4734, 0.3174, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

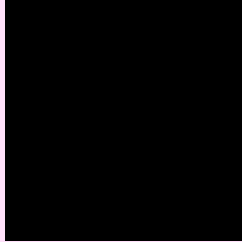
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

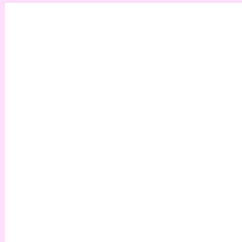
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.4734, 0.3174, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 81.4734, 0.3174, 0.3037.

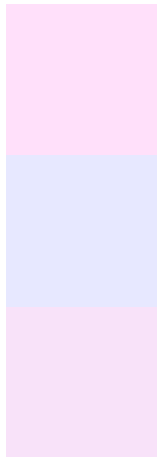


This preview shows how white text looks on a background with the Yxy color 81.4734, 0.3174, 0.3037.

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

81.4734, 0.3174, 0.3037

Protanopia

81.9221, 0.2980, 0.3057

Deuteranopia

81.1887, 0.3131, 0.3062



Tritanopia

81.3923, 0.3212, 0.3113

Trichromacy



Original Color

81.4734, 0.3174, 0.3037

Protanomaly

81.6557, 0.3051, 0.3050

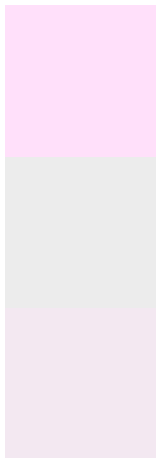
Deuteranomaly

81.1992, 0.3152, 0.3054

Tritanomaly

81.5751, 0.3192, 0.3084

Monochromacy



Original Color

81.4734, 0.3174, 0.3037

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.1188, 0.3145, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4734, 0.3174, 0.3037 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(255, 224, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 250)  
}
```

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(255, 224, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 250) }
```

Border

The CSS property to change the border of an element to Yxy 81.4734, 0.3174, 0.3037 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(255, 224, 250) }
```

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

```
.border{ border-color:rgb(255, 224, 250) }
```

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

Here you see how a box with a 4 pixel rgb(255, 224, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4734, 0.3174, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 250) }
```

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

```
.background{ background-color: rgb(255,  
224, 250) }
```

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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