

Converting Colors

$Y_{xy}(87.6122, 0.3369, 0.3054)$

Have a look what the booklet for
Yxy(87.6122, 0.3369, 0.3054)
contains.

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Color

Yxy(82.0126, 0.3173, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1FA
RGB	255, 225, 250
RGB Percent	100%, 88%, 98%
CMY	0.0000, 0.1177, 0.0194
CMYK	0.00, 0.12, 0.02, 0.00
HSL	310°, 100%, 94%
HSV	310°, 12%, 100%
XYZ	85.4320, 82.0126, 101.8022
YIQ	236.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

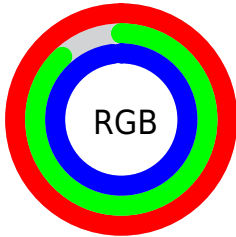
Format	Color
R_{YB}	255, 225, 250
Decimal	16769530
CIE _{Lab}	92.58, 14.52, -8.36
CIE _{LCh}	93, 16.753, 330.067
Yxy	82.0126, 0.3173, 0.3046
Android (android.graphics.Color)	4294959610 (0xFFFFE1FA)
YUV	236.8200, 6.4977, 15.9439
Hunter-Lab	90.5608, 9.9095, -3.2572

Details

The Yxy color **82.0126, 0.3173, 0.3046** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93.2369, 0.3085, 0.3547**, and the grayscale version is **84.4854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6503, 0.3177, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **68.9773, 0.3218, 0.2832**, and if you desaturate by 10%, it is **97.1101, 0.3134, 0.3254**.

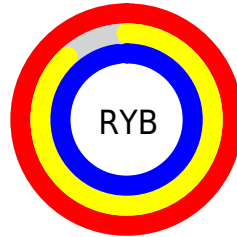
Distribution



Red (100%)

Green (88%)

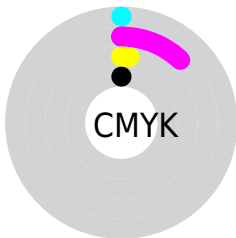
Blue (98%)



Red (100%)

Yellow (88%)

Blue (98%)

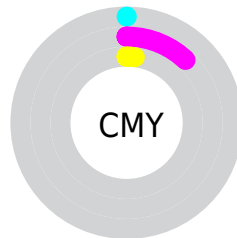


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0126, 0.3173, 0.3046 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 82.0126, 0.3173, 0.3046 by changing the saturation by 10% instead.

 82.0126, 0.3173,
0.3046

 82.0126, 0.3173,
0.3046

501.6898, 0.3153,
0.3154

 61.3759, 0.3177,
0.3022

136.1917, 0.3166,
0.3083

 44.5286, 0.3182,
0.2993

170.5029, 0.3164,
0.3097

 31.0863, 0.3188,
0.2958


210.1410, 0.3161,
0.3110

 20.6646, 0.3196,
0.2912

255.4905, 0.3159,
0.3121

 12.8790, 0.3206,
0.2852

306.9357, 0.3158,
0.3131

 7.3453, 0.3219,
0.2770

364.8611, 0.3156,

 3.6790, 0.3237,

0.3140

0.2649

429.6510, 0.3155,
0.3147

■ 1.4957, 0.3262,
0.2457

■ 0.2857, 0.3464,
0.1581

■ 82.0126, 0.3173,
0.3046

■ 82.0126, 0.3173,
0.3046

■ 68.9773, 0.3218,
0.2832

■ 97.1101, 0.3134,
0.3254

■ 57.9170, 0.3269,
0.2617

100.0000, 0.3127,
0.3290

■ 48.7326, 0.3325,
0.2409

■ 41.3179, 0.3385,
0.2218

■ 35.5563, 0.3449,
0.2054

■ 31.3168, 0.3514,
0.1927

■ 28.4488, 0.3578,
0.1843

■ 26.7709, 0.3639,
0.1806

■ 26.0569, 0.3687,
0.1805

Harmonies

Analogous

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



82.0126, 0.2980, 0.2972



82.0126, 0.3173, 0.3046



82.0126, 0.3359, 0.3180

Triad

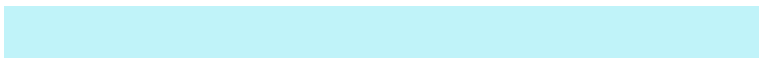
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0126, 0.3173, 0.3046



82.0126, 0.3428, 0.3607



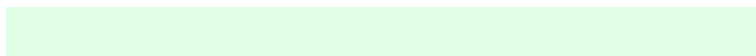
82.0126, 0.2784, 0.3219

Complementary

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



82.0126, 0.3173, 0.3046



93.2369, 0.3085, 0.3547

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.



82.0126, 0.2897, 0.3400



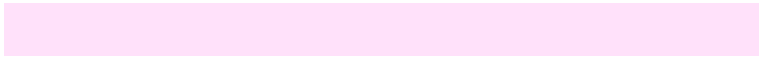
82.0126, 0.3173, 0.3046



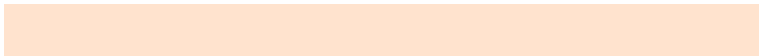
82.0126, 0.3267, 0.3630

Square

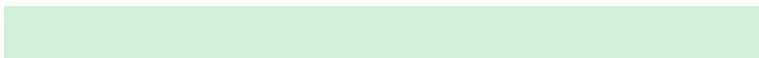
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



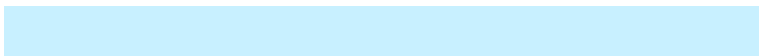
82.0126, 0.3173, 0.3046



82.0126, 0.3508, 0.3500



82.0126, 0.3073, 0.3554



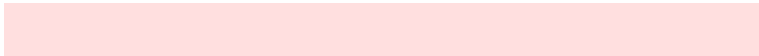
82.0126, 0.2760, 0.3065

Rectangle

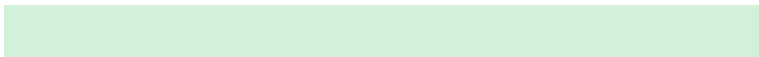
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0126, 0.3173, 0.3046



82.0126, 0.3451, 0.3288



82.0126, 0.3073, 0.3554



82.0126, 0.2812, 0.3279

Sweetspot

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



82.0113, 0.3173, 0.3046



93.5558, 0.3142, 0.3208



77.8060, 0.2970, 0.2983



19.7736, 0.3145, 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.



82.0113, 0.3173, 0.3046



78.9255, 0.3182, 0.2999



81.1335, 0.3269, 0.3187



18.2458, 0.3163, 0.3094



13.6344, 0.3678, 0.1800



1.3406, 0.3615, 0.1765

Inverse Universe

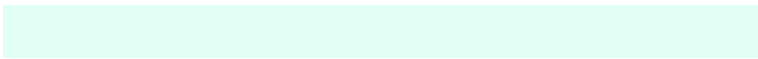
The Inverse Universe completely reimagines the original color for something new.



82.0113, 0.3173, 0.3046



78.9255, 0.3182, 0.2999



94.0883, 0.3003, 0.3396



18.2458, 0.3163, 0.3094



13.6344, 0.3678, 0.1800



1.3406, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 82.0126, 0.3173, 0.3046 looks on a white background.

Color Contrast Check

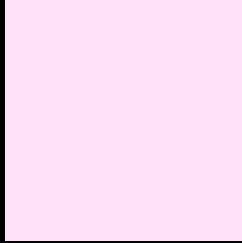
Large Text (above 18pt) WCAG AA × Fail

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 82.0126, 0.3173, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

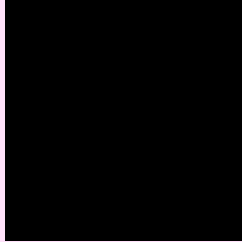
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.0126, 0.3173, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 82.0126, 0.3173, 0.3046.

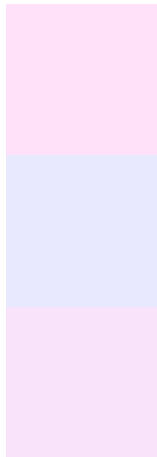


This preview shows how white text looks on a background with the Yxy color 82.0126, 0.3173, 0.3046.

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

82.0126, 0.3173, 0.3046

Protanopia

82.0890, 0.2986, 0.3057

Deuteranopia

81.9800, 0.3131, 0.3063



Tritanopia

81.9952, 0.3205, 0.3113

Trichromacy



Original Color

82.0126, 0.3173, 0.3046

Protanomaly

81.6557, 0.3051, 0.3050

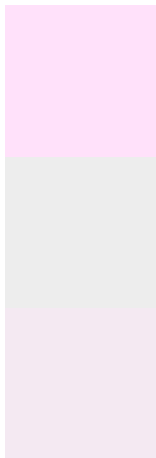
Deuteranomaly

81.8041, 0.3145, 0.3054

Tritanomaly

82.1174, 0.3192, 0.3094

Monochromacy



Original Color

82.0126, 0.3173, 0.3046

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.9217, 0.3145, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0126, 0.3173, 0.3046 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, 225, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 250) }
```

Border

The CSS property to change the border of an element to Yxy 82.0126, 0.3173, 0.3046 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, 225, 250) }
```

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

```
.border{ border-color:rgb(255, 225, 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, 225, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0126, 0.3173, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 250) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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