

Converting Colors

$Y_{xy}(76.8234, 0.3276, 0.3103)$

Have a look what the booklet for
Yxy(76.8234, 0.3276, 0.3103)
contains.

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Color

Yxy(76.9418, 0.3273, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9EC
RGB	255, 217, 236
RGB Percent	100%, 85%, 93%
CMY	0.0001, 0.1489, 0.0746
CMYK	0.00, 0.15, 0.07, 0.00
HSL	330°, 100%, 93%
HSV	330°, 15%, 100%
XYZ	81.1833, 76.9418, 89.9143
YIQ	230.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

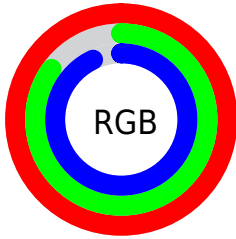
Format	Color
R _Y B	255, 217, 236
Decimal	16767468
CIE Lab	90.29, 16.23, -4.37
CIE LCh	90, 16.812, 344.932
Yxy	76.9418, 0.3273, 0.3102
Android (android.graphics.Color)	4294957548 (0xFFFFD9EC)
YUV	230.5280, 2.6977, 21.4619
Hunter-Lab	87.7165, 11.7013, 0.6260

Details

The Yxy color $76.9418, 0.3273, 0.3102$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92.3143, 0.3003, 0.3486$, and the grayscale version is $79.5123, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.1417, 0.3308, 0.3062$ is the 20% darker color. If you saturate the color by 10%, you get $64.0840, 0.3396, 0.2968$, and if you desaturate by 10%, it is $91.8900, 0.3171, 0.3230$.

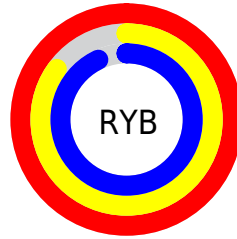
Distribution



Red (100%)

Green (85%)

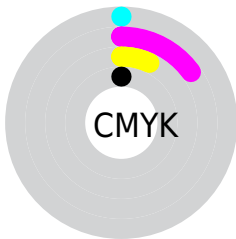
Blue (93%)



Red (100%)

Yellow (85%)

Blue (93%)

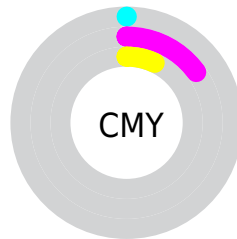


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9418, 0.3273, 0.3102 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 76.9418, 0.3273, 0.3102 by changing the saturation by 10% instead.


 76.9418, 0.3273,
0.3102

 76.9418, 0.3273,
0.3102


484.5656, 0.3207,
0.3187

 57.2051, 0.3288,
0.3083


129.0573, 0.3250,
0.3131

 41.1699, 0.3306,
0.3060

162.2049, 0.3241,
0.3142

 28.4519, 0.3329,
0.3031


200.5917, 0.3234,
0.3152

 18.6666, 0.3358,
0.2994

244.6019, 0.3227,
0.3161

 11.4296, 0.3398,
0.2944

294.6200, 0.3221,
0.3169

 6.3566, 0.3454,
0.2874

351.0304, 0.3216,

 3.0631, 0.3539,

0.3175

0.2769

414.2174, 0.3211,
0.3181

■ 1.1648, 0.3684,
0.2594

■ 0.0326, 0.5335,
0.0407

■ 76.9418, 0.3273,
0.3102

■ 76.9418, 0.3273,
0.3102

■ 64.0840, 0.3396,
0.2968

■ 91.8900, 0.3171,
0.3230

■ 53.2124, 0.3544,
0.2833

99.9950, 0.3127,
0.3290

■ 44.2290, 0.3718,
0.2703

■ 37.0237, 0.3919,
0.2585

■ 31.4744, 0.4144,
0.2493

■ 27.4439, 0.4388,
0.2439

■ 24.7721, 0.4638,
0.2435

■ 23.2627, 0.4883,
0.2487

■ 22.7975, 0.5003,
0.2530

Harmonies

Analogous

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



76.9418, 0.3072, 0.2993



76.9418, 0.3273, 0.3102



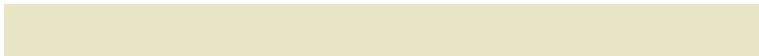
76.9418, 0.3439, 0.3259

Triad

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



76.9418, 0.3273, 0.3102



76.9418, 0.3362, 0.3639



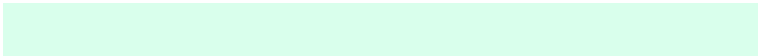
76.9418, 0.2751, 0.3132

Complementary

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



76.9418, 0.3273, 0.3102



92.3143, 0.3003, 0.3486

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.



76.9418, 0.2823, 0.3310



76.9418, 0.3273, 0.3102



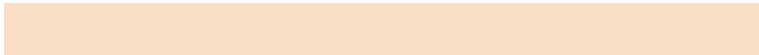
76.9418, 0.3173, 0.3612

Square

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



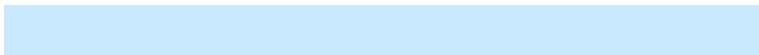
76.9418, 0.3273, 0.3102



76.9418, 0.3490, 0.3569



76.9418, 0.2976, 0.3489



76.9418, 0.2775, 0.3005

Rectangle

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



76.9418, 0.3273, 0.3102



76.9418, 0.3504, 0.3373



76.9418, 0.2976, 0.3489



76.9418, 0.2765, 0.3188

Sweetspot

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



76.9452, 0.3273, 0.3102



93.3395, 0.3162, 0.3241



74.6856, 0.3013, 0.2905



19.7188, 0.3169, 0.3232



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.



76.9452, 0.3273, 0.3102



72.7381, 0.3309, 0.3061



75.9008, 0.3407, 0.3291



18.1385, 0.3215, 0.3172



11.9451, 0.4966, 0.2509



1.1851, 0.4711, 0.2369

Inverse Universe

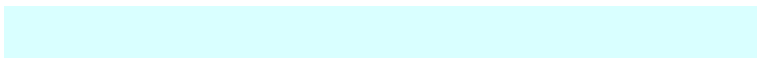
The Inverse Universe completely reimagines the original color for something new.



76.9452, 0.3273, 0.3102



72.7381, 0.3309, 0.3061



93.4759, 0.2900, 0.3289



18.1385, 0.3215, 0.3172



11.9451, 0.4966, 0.2509



1.1851, 0.4711, 0.2369

Previews

White Background



This preview shows how the Yxy color 76.9418, 0.3273, 0.3102 looks on a white background.

Color Contrast Check

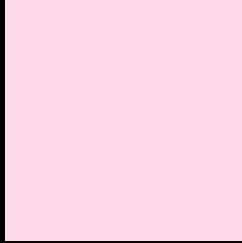
Large Text (above 18pt) WCAG AA × Fail

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 76.9418, 0.3273, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

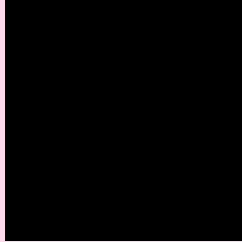
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.9418, 0.3273, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 76.9418, 0.3273, 0.3102.



This preview shows how white text looks on a background with the Yxy color 76.9418, 0.3273, 0.3102.

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

76.9418, 0.3273, 0.3102

Protanopia

77.0745, 0.3039, 0.3133

Deuteranopia

76.7774, 0.3213, 0.3138



Tritanopia

76.8262, 0.3287, 0.3121

Trichromacy



Original Color

76.9418, 0.3273, 0.3102

Protanomaly

77.0119, 0.3121, 0.3126

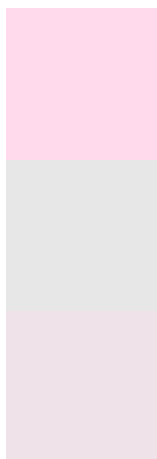
Deuteranomaly

76.8009, 0.3235, 0.3129

Tritanomaly

76.8839, 0.3280, 0.3111

Monochromacy



Original Color

76.9418, 0.3273, 0.3102

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.8012, 0.3179, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9418, 0.3273, 0.3102 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, 217, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 236)  
}
```

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, 217, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 236) }
```

Border

The CSS property to change the border of an element to Yxy 76.9418, 0.3273, 0.3102 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, 217, 236) }
```

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

```
.border{ border-color:rgb(255, 217, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9418, 0.3273, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 236) }
```

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

```
.background{ background-color: rgb(255,  
217, 236) }
```

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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