

Converting Colors

$Y_{xy}(100.0000, 0.3904, 0.3072)$

Have a look what the booklet for
Yxy(100.0000, 0.3904, 0.3072)
contains.

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Color

Yxy(76.9034, 0.3219, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8F4
RGB	255, 216, 244
RGB Percent	100%, 85%, 96%
CMY	0.0000, 0.1530, 0.0431
CMYK	0.00, 0.15, 0.04, 0.00
HSL	317°, 100%, 92%
HSV	317°, 15%, 100%
XYZ	82.1341, 76.9034, 96.1165
YIQ	230.8530, 14.2560, 16.9760

Conversions

Conversions Part 2

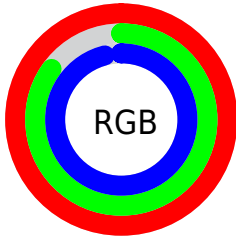
Format	Color
R_{YB}	255, 216, 244
Decimal	16767220
CIE _{Lab}	90.28, 18.16, -8.62
CIE _{LCh}	90, 20.098, 334.602
Yxy	76.9034, 0.3219, 0.3014
Android (android.graphics.Color)	4294957300 (0xFFFFD8F4)
YUV	230.8530, 6.4815, 21.1769
Hunter-Lab	87.6946, 13.7162, -3.5978

Details

The Yxy color **76.9034, 0.3219, 0.3014** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.6628, 0.3046, 0.3583**, and the grayscale version is **79.7372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1263, 0.3237, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **64.4065, 0.3292, 0.2826**, and if you desaturate by 10%, it is **91.4412, 0.3156, 0.3197**.

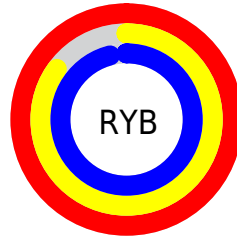
Distribution



Red (100%)

Green (85%)

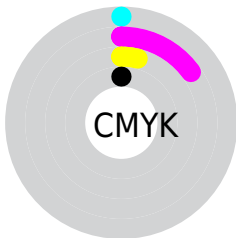
Blue (96%)



Red (100%)

Yellow (85%)

Blue (96%)

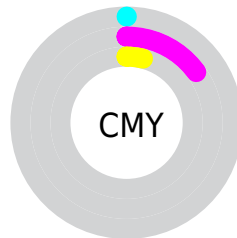


Cyan (0%)

Magenta (15%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9034, 0.3219, 0.3014 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 76.9034, 0.3219, 0.3014 by changing the saturation by 10% instead.

 76.9034, 0.3219,
0.3014

 76.9034, 0.3219,
0.3014


484.4346, 0.3178,
0.3138

 57.1736, 0.3228,
0.2987


129.0031, 0.3205,
0.3056

 41.1446, 0.3239,
0.2953


162.1418, 0.3200,
0.3073

 28.4321, 0.3252,
0.2912


200.5189, 0.3195,
0.3087

 18.6516, 0.3269,
0.2859

244.5189, 0.3191,
0.3100

 11.4188, 0.3291,
0.2789

294.5260, 0.3187,
0.3111

 6.3493, 0.3322,
0.2691

350.9247, 0.3184,

 3.0586, 0.3366,

0.3121

0.2548

414.0995, 0.3181,
0.3130

■ 1.1624, 0.3436,
0.2314

■ 0.0307, 0.4147,
0.0269

■ 76.9034, 0.3219,
0.3014

■ 76.9034, 0.3219,
0.3014

■ 64.4065, 0.3292,
0.2826

■ 91.4412, 0.3156,
0.3197

■ 53.8624, 0.3376,
0.2638

100.0000, 0.3127,
0.3290

■ 45.1685, 0.3472,
0.2458

■ 38.2152, 0.3577,
0.2295

■ 32.8810, 0.3691,
0.2161

■ 29.0288, 0.3809,
0.2065

■ 26.4986, 0.3928,
0.2016

■ 25.0929, 0.4044,
0.2018

■ 24.6876, 0.4098,
0.2031

Harmonies

Analogous

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



76.9034, 0.2980, 0.2912



76.9034, 0.3219, 0.3014



76.9034, 0.3441, 0.3184

Triad

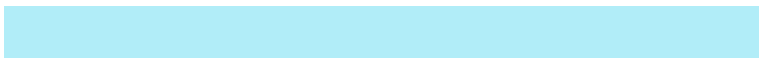
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9034, 0.3219, 0.3014



76.9034, 0.3471, 0.3690



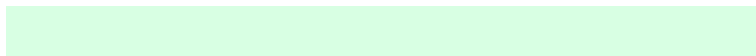
76.9034, 0.2697, 0.3168

Complementary

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



76.9034, 0.3219, 0.3014



91.6628, 0.3046, 0.3583

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.



76.9034, 0.2818, 0.3391



76.9034, 0.3219, 0.3014



76.9034, 0.3263, 0.3702

Square

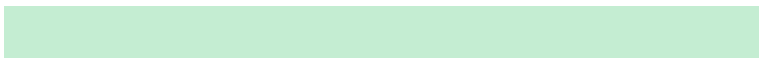
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



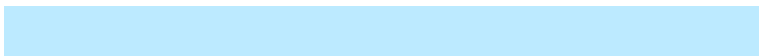
76.9034, 0.3219, 0.3014



76.9034, 0.3588, 0.3570



76.9034, 0.3024, 0.3592



76.9034, 0.2685, 0.2991

Rectangle

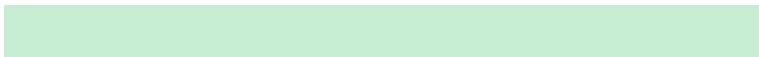
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9034, 0.3219, 0.3014



76.9034, 0.3545, 0.3317



76.9034, 0.3024, 0.3592



76.9034, 0.2726, 0.3240

Sweetspot

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



76.9017, 0.3219, 0.3014



91.9041, 0.3155, 0.3202



72.5617, 0.2948, 0.2887



19.4369, 0.3159, 0.3189



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.



76.9017, 0.3219, 0.3014



73.3255, 0.3237, 0.2964



75.8104, 0.3351, 0.3199



18.2080, 0.3181, 0.3121



12.9266, 0.4080, 0.2021



1.2773, 0.3957, 0.1953

Inverse Universe

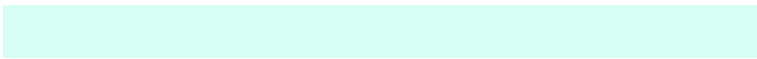
The Inverse Universe completely reimagines the original color for something new.



76.9017, 0.3219, 0.3014



73.3255, 0.3237, 0.2964



92.7657, 0.2943, 0.3383



18.2080, 0.3181, 0.3121



12.9266, 0.4080, 0.2021



1.2773, 0.3957, 0.1953

Previews

White Background



This preview shows how the Yxy color 76.9034, 0.3219, 0.3014 looks on a white background.

Color Contrast Check

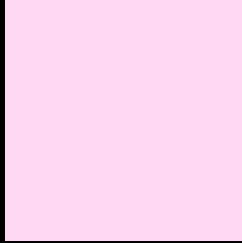
Large Text (above 18pt) WCAG AA × Fail

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 76.9034, 0.3219, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

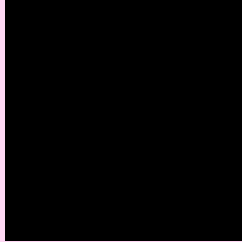
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.9034, 0.3219, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 76.9034, 0.3219, 0.3014.

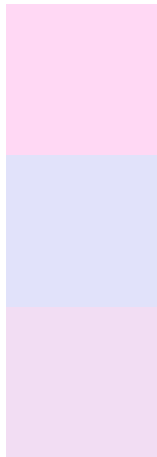


This preview shows how white text looks on a background with the Yxy color 76.9034, 0.3219, 0.3014.

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

76.9034, 0.3219, 0.3014

Protanopia

77.3024, 0.2970, 0.3041

Deuteranopia

77.0612, 0.3131, 0.3067



Tritanopia

77.2118, 0.3272, 0.3121

Trichromacy



Original Color

76.9034, 0.3219, 0.3014

Protanomaly

76.8527, 0.3057, 0.3025

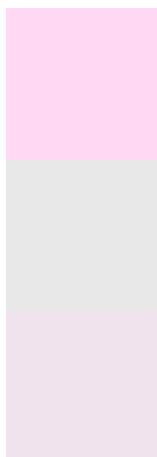
Deuteranomaly

76.9083, 0.3167, 0.3049

Tritanomaly

76.8696, 0.3252, 0.3082

Monochromacy



Original Color

76.9034, 0.3219, 0.3014

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.9741, 0.3160, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9034, 0.3219, 0.3014 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, 216, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 244)  
}
```

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, 216, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 244) }
```

Border

The CSS property to change the border of an element to Yxy 76.9034, 0.3219, 0.3014 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, 216, 244) }
```

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

```
.border{ border-color:rgb(255, 216, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9034, 0.3219, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 244) }
```

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

```
.background{ background-color: rgb(255,  
216, 244) }
```

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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