

Converting Colors

$Y_{xy}(75.4563, 0.3100, 0.2887)$

Have a look what the booklet for
Yxy(75.4563, 0.3100, 0.2887)
contains.

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Color

Yxy(75.2696, 0.3097, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	F8D6FF
RGB	248, 214, 255
RGB Percent	97%, 84%, 100%
CMY	0.0272, 0.1609, 0.0000
CMYK	0.03, 0.16, 0.00, 0.00
HSL	290°, 100%, 92%
HSV	290°, 16%, 100%
XYZ	80.8287, 75.2696, 104.8920
YIQ	228.8400, 7.1030, 19.9590

Conversions

Conversions Part 2

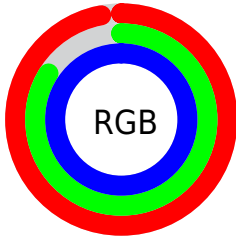
Format	Color
R _Y B	248, 214, 255
Decimal	16307967
CIE Lab	89.52, 18.89, -15.60
CIE LCh	90, 24.493, 320.450
Yxy	75.2696, 0.3097, 0.2884
Android (android.graphics.Color)	4294498047 (0xFFFF8D6FF)
YUV	228.8400, 12.8969, 16.8033
Hunter-Lab	86.7581, 14.4741, -10.9520

Details

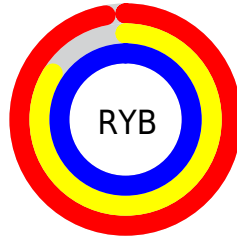
The Yxy color **75.2696, 0.3097, 0.2884** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.7314, 0.3150, 0.3719**, and the grayscale version is **78.1361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9499, 0.3086, 0.2797** is the 20% darker color. If you saturate the color by 10%, you get **62.5820, 0.3073, 0.2621**, and if you desaturate by 10%, it is **89.9995, 0.3117, 0.3140**.

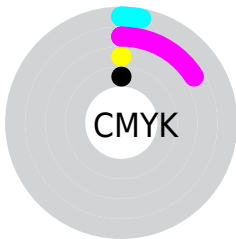
Distribution



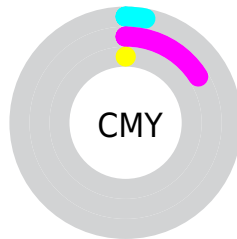
- Red (97%)
- Green (84%)
- Blue (100%)



- Red (97%)
- Yellow (84%)
- Blue (100%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2696, 0.3097, 0.2884 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 75.2696, 0.3097, 0.2884 by changing the saturation by 10% instead.

 75.2696, 0.3097,
0.2884

 75.2696, 0.3097,
0.2884


478.8437, 0.3113,
0.3065

 55.8338, 0.3093,
0.2844


126.6939, 0.3103,
0.2945

 40.0697, 0.3087,
0.2796


159.4512, 0.3105,
0.2970

 27.5929, 0.3080,
0.2736


197.4178, 0.3107,
0.2991

 18.0190, 0.3070,
0.2660

240.9780, 0.3109,
0.3009

 10.9636, 0.3056,
0.2560

290.5164, 0.3110,
0.3025

 6.0424, 0.3034,
0.2423

346.4172, 0.3111,

 2.8709, 0.2996,

0.3040

0.2223

409.0648, 0.3112,
0.3053

■ 1.0647, 0.2921,
0.1910

■ 0.0000, 0.2841,
0.0000

■ 75.2696, 0.3097,
0.2884

■ 75.2696, 0.3097,
0.2884

■ 62.5820, 0.3073,
0.2621

■ 89.9995, 0.3117,
0.3140

■ 51.8370, 0.3043,
0.2358

100.0000, 0.3127,
0.3290

■ 42.9353, 0.3009,
0.2105

■ 35.7664, 0.2970,
0.1872

■ 30.2078, 0.2929,
0.1671

■ 26.1210, 0.2884,
0.1509

■ 23.3438, 0.2839,
0.1394

■ 21.6749, 0.2794,
0.1323

■ 21.2066, 0.2777,
0.1303

Harmonies

Analogous

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



75.2696, 0.2823, 0.2809



75.2696, 0.3097, 0.2884



75.2696, 0.3391, 0.3055

Triad

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



75.2696, 0.3097, 0.2884



75.2696, 0.3634, 0.3723



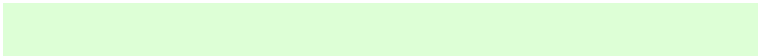
75.2696, 0.2656, 0.3264

Complementary

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



75.2696, 0.3097, 0.2884



91.7314, 0.3150, 0.3719

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.



75.2696, 0.2857, 0.3541



75.2696, 0.3097, 0.2884



75.2696, 0.3421, 0.3810

Square

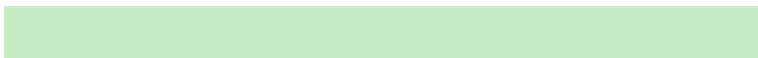
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2696, 0.3097, 0.2884



75.2696, 0.3709, 0.3527



75.2696, 0.3136, 0.3747



75.2696, 0.2578, 0.3012

Rectangle

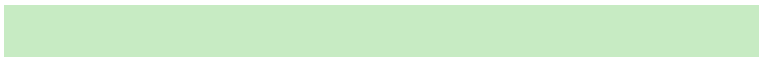
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2696, 0.3097, 0.2884



75.2696, 0.3556, 0.3204



75.2696, 0.3136, 0.3747



75.2696, 0.2711, 0.3358

Sweetspot

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



75.2715, 0.3097, 0.2884



91.7270, 0.3119, 0.3167



73.4895, 0.2868, 0.2936



19.3937, 0.3118, 0.3150



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.



75.2715, 0.3097, 0.2884



71.3687, 0.3090, 0.2808



75.7534, 0.3234, 0.3013



18.1360, 0.3111, 0.3054



11.1382, 0.2784, 0.1307



1.1237, 0.2835, 0.1336

Inverse Universe

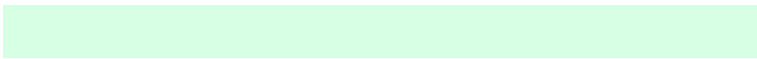
The Inverse Universe completely reimagines the original color for something new.



74.5575, 0.3383, 0.3221



70.5605, 0.3440, 0.3208



91.3571, 0.3034, 0.3584



18.0371, 0.3268, 0.3250



11.2147, 0.6157, 0.3165



1.1053, 0.5875, 0.3010

Previews

White Background



This preview shows how the Yxy color 75.2696, 0.3097, 0.2884 looks on a white background.

Color Contrast Check

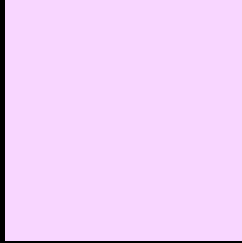
Large Text (above 18pt) WCAG AA × Fail

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 75.2696, 0.3097, 0.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

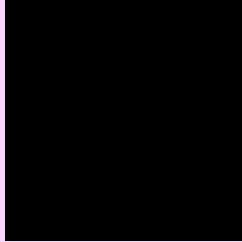
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

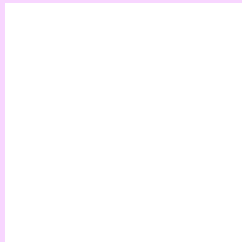
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2696, 0.3097, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 75.2696, 0.3097, 0.2884.

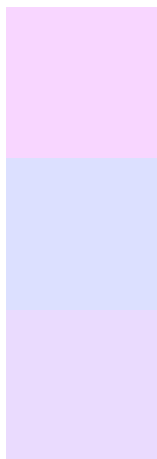


This preview shows how white text looks on a background with the Yxy color 75.2696, 0.3097, 0.2884.

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

75.2696, 0.3097, 0.2884

Protanopia

75.7470, 0.2907, 0.2967

Deuteranopia

75.3112, 0.3006, 0.2934



Tritanopia

75.5534, 0.3207, 0.3117

Trichromacy



Original Color

75.2696, 0.3097, 0.2884

Protanomaly

75.2294, 0.2972, 0.2932

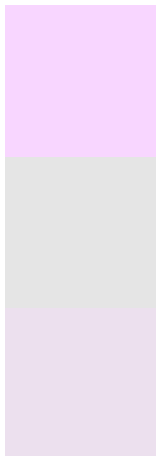
Deuteranomaly

75.1322, 0.3040, 0.2917

Tritanomaly

75.6293, 0.3167, 0.3038

Monochromacy



Original Color

75.2696, 0.3097, 0.2884

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.3172, 0.3120, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2696, 0.3097, 0.2884 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(248, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 214, 255)  
}
```

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(248, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.2696, 0.3097, 0.2884 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(248, 214, 255) }
```

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

```
.border{ border-color:rgb(248, 214, 255) }
```

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

Here you see how a box with a 4 pixel rgb(248, 214, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2696, 0.3097, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 214, 255) }
```

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

```
.background{ background-color: rgb(248,  
214, 255) }
```

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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