

Converting Colors

$Y_{xy}(77.1070, 0.3087, 0.2924)$

Have a look what the booklet for
Yxy(77.1070, 0.3087, 0.2924)
contains.

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Color

Yxy(77.1370, 0.3088, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	F7DAFF
RGB	247, 218, 255
RGB Percent	97%, 85%, 100%
CMY	0.0316, 0.1450, 0.0000
CMYK	0.03, 0.14, 0.00, 0.00
HSL	287°, 100%, 93%
HSV	287°, 14%, 100%
XYZ	81.4634, 77.1370, 105.2060
YIQ	230.8890, 5.4070, 17.6550

Conversions

Conversions Part 2

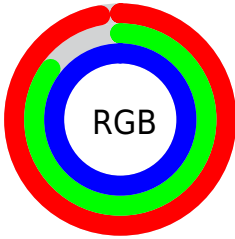
Format	Color
R _Y B	247, 218, 255
Decimal	16243455
CIE Lab	90.38, 16.39, -14.30
CIE LCh	90, 21.754, 318.897
Yxy	77.1370, 0.3088, 0.2924
Android (android.graphics.Color)	4294433535 (0xFFFF7DAFF)
YUV	230.8890, 11.8867, 14.1293
Hunter-Lab	87.8277, 11.8669, -9.5423

Details

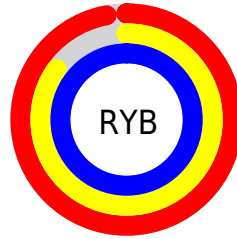
The Yxy color $77.1370, 0.3088, 0.2924$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $92.7662, 0.3159, 0.3672$, and the grayscale version is $79.7287, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.2188, 0.3075, 0.2847$ is the 20% darker color. If you saturate the color by 10%, you get $63.9190, 0.3054, 0.2659$, and if you desaturate by 10%, it is $92.4257, 0.3116, 0.3180$.

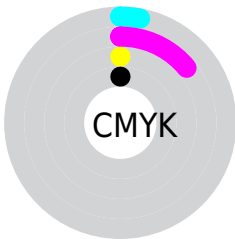
Distribution



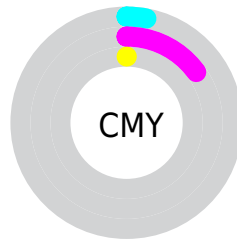
- Red (97%)
- Green (85%)
- Blue (100%)



- Red (97%)
- Yellow (85%)
- Blue (100%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.1370, 0.3088, 0.2924 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 77.1370, 0.3088, 0.2924 by changing the saturation by 10% instead.

 77.1370, 0.3088,
0.2924

 77.1370, 0.3088,
0.2924


485.2310, 0.3108,
0.3087

 57.3653, 0.3083,
0.2888


129.3329, 0.3095,
0.2979

 41.2986, 0.3077,
0.2845


162.5258, 0.3098,
0.3001

 28.5525, 0.3069,
0.2791


200.9613, 0.3100,
0.3020

 18.7426, 0.3058,
0.2722

245.0238, 0.3102,
0.3037

 11.4844, 0.3043,
0.2632

295.0976, 0.3104,
0.3052

 6.3936, 0.3019,
0.2508

351.5671, 0.3105,

 3.0859, 0.2981,

0.3065

0.2327

414.8168, 0.3107,
0.3076

■ 1.1767, 0.2908,
0.2043

■ 0.0426, 0.2877,
0.0278

■ 77.1370, 0.3088,
0.2924

■ 77.1370, 0.3088,
0.2924

■ 63.9190, 0.3054,
0.2659

■ 92.4257, 0.3116,
0.3180

■ 52.6697, 0.3014,
0.2390

100.0000, 0.3127,
0.3290

■ 43.2920, 0.2967,
0.2128

■ 35.6770, 0.2916,
0.1883

■ 29.7041, 0.2860,
0.1665

■ 25.2376, 0.2801,
0.1487

■ 22.1197, 0.2742,
0.1353

■ 20.1567, 0.2683,
0.1267

■ 19.4183, 0.2652,
0.1235

Harmonies

Analogous

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



77.1370, 0.2848, 0.2863



77.1370, 0.3088, 0.2924



77.1370, 0.3347, 0.3073

Triad

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



77.1370, 0.3088, 0.2924



77.1370, 0.3581, 0.3666



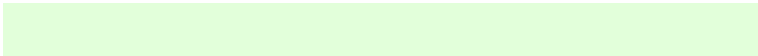
77.1370, 0.2718, 0.3282

Complementary

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



77.1370, 0.3088, 0.2924



92.7662, 0.3159, 0.3672

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.



77.1370, 0.2901, 0.3521



77.1370, 0.3088, 0.2924



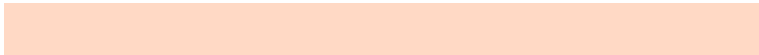
77.1370, 0.3399, 0.3746

Square

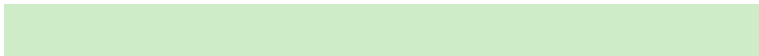
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1370, 0.3088, 0.2924



77.1370, 0.3638, 0.3491



77.1370, 0.3150, 0.3696



77.1370, 0.2642, 0.3056

Rectangle

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



77.1370, 0.3088, 0.2924



77.1370, 0.3495, 0.3205



77.1370, 0.3150, 0.3696



77.1370, 0.2768, 0.3364

Sweetspot

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



77.1400, 0.3088, 0.2924



93.2446, 0.3118, 0.3192



76.8787, 0.2896, 0.2994



19.6945, 0.3116, 0.3173



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.



77.1400, 0.3088, 0.2924



73.6437, 0.3080, 0.2858



78.0179, 0.3210, 0.3024



18.0889, 0.3103, 0.3053



10.2147, 0.2661, 0.1240



1.0417, 0.2727, 0.1276

Inverse Universe

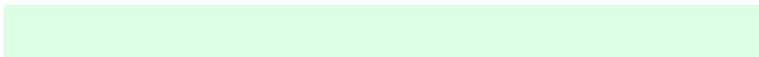
The Inverse Universe completely reimagines the original color for something new.



76.9125, 0.3341, 0.3210



73.3980, 0.3385, 0.3195



92.0247, 0.3054, 0.3572



18.0519, 0.3260, 0.3238



11.2738, 0.6031, 0.3096



1.1131, 0.5726, 0.2928

Previews

White Background



This preview shows how the Yxy color 77.1370, 0.3088, 0.2924 looks on a white background.

Color Contrast Check

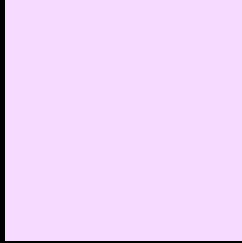
Large Text (above 18pt) WCAG AA × Fail

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 77.1370, 0.3088, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

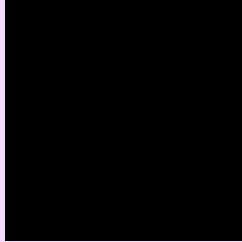
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.1370, 0.3088, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 77.1370, 0.3088, 0.2924.

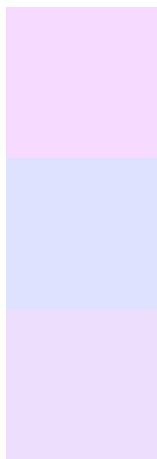


This preview shows how white text looks on a background with the Yxy color 77.1370, 0.3088, 0.2924.

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

77.1370, 0.3088, 0.2924

Protanopia

77.3007, 0.2927, 0.2990

Deuteranopia

77.4028, 0.3026, 0.2967



Tritanopia

77.1190, 0.3178, 0.3118

Trichromacy



Original Color

77.1370, 0.3088, 0.2924

Protanomaly

77.1512, 0.2986, 0.2964

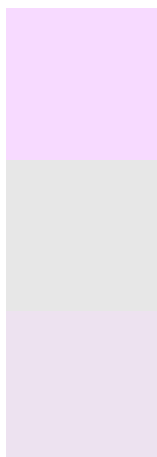
Deuteranomaly

77.5694, 0.3053, 0.2959

Tritanomaly

77.1305, 0.3146, 0.3049

Monochromacy



Original Color

77.1370, 0.3088, 0.2924

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.6885, 0.3113, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1370, 0.3088, 0.2924 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(247, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 218, 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(247, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 218, 255) }
```

Border

The CSS property to change the border of an element to Yxy 77.1370, 0.3088, 0.2924 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(247, 218, 255) }
```

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

```
.border{ border-color:rgb(247, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 218,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1370, 0.3088, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 218, 255) }
```

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

```
.background{ background-color: rgb(247,  
218, 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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