

Converting Colors

$Y_{xy}(76.1845, 0.3072, 0.2912)$

Have a look what the booklet for
Yxy(76.1845, 0.3072, 0.2912)
contains.

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Color

Yxy(76.2582, 0.3075, 0.2912)

Conversions

Conversions Part 1

Format	Color
Hex	F5D9FF
RGB	245, 217, 255
RGB Percent	96%, 85%, 100%
CMY	0.0391, 0.1490, 0.0000
CMYK	0.04, 0.15, 0.00, 0.00
HSL	284°, 100%, 93%
HSV	284°, 15%, 100%
XYZ	80.5268, 76.2582, 105.0907
YIQ	229.7040, 4.4900, 17.7540

Conversions

Conversions Part 2

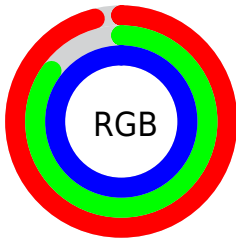
Format	Color
R _Y B	245, 217, 255
Decimal	16112127
CIE Lab	89.98, 16.31, -14.93
CIE LCh	90, 22.112, 317.538
Yxy	76.2582, 0.3075, 0.2912
Android (android.graphics.Color)	4294302207 (0xFFFF5D9FF)
YUV	229.7040, 12.4709, 13.4146
Hunter-Lab	87.3259, 11.7817, -10.2232

Details

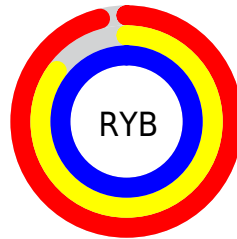
The Yxy color $76.2582, 0.3075, 0.2912$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $92.8553, 0.3171, 0.3682$, and the grayscale version is $78.8076, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.7367, 0.3067, 0.2833$ is the 20% darker color. If you saturate the color by 10%, you get $62.9334, 0.3031, 0.2644$, and if you desaturate by 10%, it is $91.6626, 0.3112, 0.3169$.

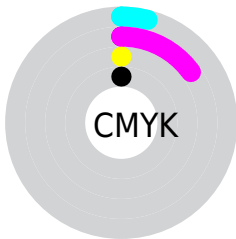
Distribution



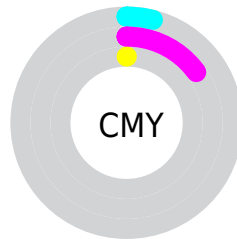
- Red (96%)
- Green (85%)
- Blue (100%)



- Red (96%)
- Yellow (85%)
- Blue (100%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2582, 0.3075, 0.2912 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 76.2582, 0.3075, 0.2912 by changing the saturation by 10% instead.


 76.2582, 0.3075,
0.2912

 76.2582, 0.3075,
0.2912


482.2311, 0.3101,
0.3081

 56.6443, 0.3069,
0.2875


128.0918, 0.3084,
0.2969

 40.7197, 0.3061,
0.2830


161.0803, 0.3088,
0.2992

 28.1001, 0.3051,
0.2774


199.2957, 0.3091,
0.3011

 18.4011, 0.3037,
0.2703

243.1225, 0.3093,
0.3029

 11.2384, 0.3018,
0.2609

292.9450, 0.3096,
0.3044

 6.2274, 0.2989,
0.2480

349.1477, 0.3098,

 2.9838, 0.2941,

0.3057

0.2292

412.1149, 0.3099,
0.3070

■ 1.1233, 0.2853,
0.1996

■ 0.0000, 0.2752,
0.0000

■ 76.2582, 0.3075,
0.2912

■ 76.2582, 0.3075,
0.2912

■ 62.9334, 0.3031,
0.2644

■ 91.6626, 0.3112,
0.3169

■ 51.5871, 0.2980,
0.2371

100.0000, 0.3127,
0.3290

■ 42.1212, 0.2922,
0.2103

■ 34.4261, 0.2858,
0.1850

■ 28.3806, 0.2789,
0.1626

■ 23.8480, 0.2717,
0.1439

■ 20.6691, 0.2645,
0.1299

■ 18.6483, 0.2575,
0.1207

■ 17.9220, 0.2541,
0.1173

Harmonies

Analogous

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



76.2582, 0.2833, 0.2854



76.2582, 0.3075, 0.2912



76.2582, 0.3341, 0.3060

Triad

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



76.2582, 0.3075, 0.2912



76.2582, 0.3595, 0.3667



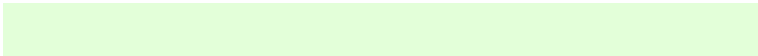
76.2582, 0.2716, 0.3293

Complementary

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



76.2582, 0.3075, 0.2912



92.8553, 0.3171, 0.3682

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.



76.2582, 0.2907, 0.3536



76.2582, 0.3075, 0.2912



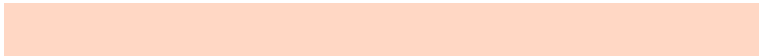
76.2582, 0.3415, 0.3755

Square

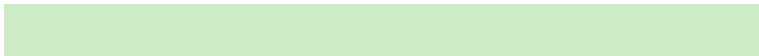
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2582, 0.3075, 0.2912



76.2582, 0.3648, 0.3485



76.2582, 0.3162, 0.3710



76.2582, 0.2633, 0.3060

Rectangle

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



76.2582, 0.3075, 0.2912



76.2582, 0.3493, 0.3193



76.2582, 0.3162, 0.3710



76.2582, 0.2769, 0.3377

Sweetspot

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



76.2608, 0.3075, 0.2912



93.1597, 0.3115, 0.3192



76.9804, 0.2889, 0.2999



19.6730, 0.3112, 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.



76.2608, 0.3075, 0.2912



71.9167, 0.3062, 0.2830



77.5454, 0.3204, 0.3004



18.0465, 0.3096, 0.3053



9.4408, 0.2552, 0.1179



0.9722, 0.2629, 0.1222

Inverse Universe

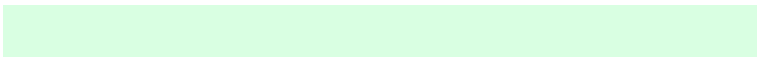
The Inverse Universe completely reimagines the original color for something new.



76.4278, 0.3336, 0.3191



72.1382, 0.3388, 0.3169



91.7545, 0.3059, 0.3594



18.0653, 0.3253, 0.3228



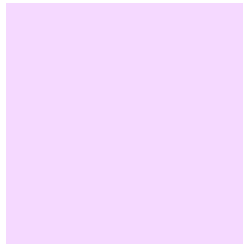
11.3407, 0.5896, 0.3022



1.1213, 0.5579, 0.2847

Previews

White Background



This preview shows how the Yxy color 76.2582, 0.3075, 0.2912 looks on a white background.

Color Contrast Check

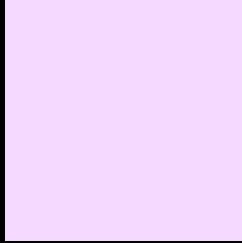
Large Text (above 18pt) WCAG AA × Fail

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 76.2582, 0.3075, 0.2912 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

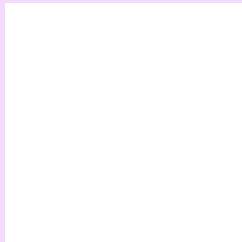
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2582, 0.3075, 0.2912

Background



This preview shows how black text looks on a background with the Yxy color 76.2582, 0.3075, 0.2912.

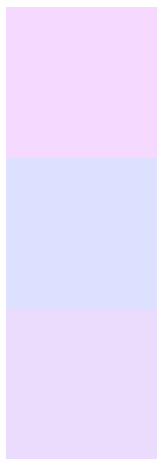


This preview shows how white text looks on a background with the Yxy color 76.2582, 0.3075, 0.2912.

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

76.2582, 0.3075, 0.2912

Protanopia

76.4426, 0.2914, 0.2978

Deuteranopia

76.0043, 0.3012, 0.2945



Tritanopia

76.1781, 0.3171, 0.3117

Trichromacy



Original Color

76.2582, 0.3075, 0.2912

Protanomaly

76.2855, 0.2973, 0.2953

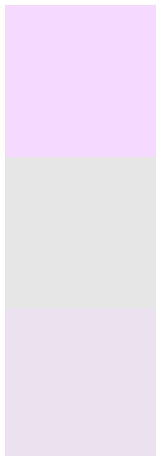
Deuteranomaly

76.1695, 0.3040, 0.2937

Tritanomaly

76.2494, 0.3132, 0.3037

Monochromacy



Original Color

76.2582, 0.3075, 0.2912

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.7446, 0.3106, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2582, 0.3075, 0.2912 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(245, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 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(245, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.2582, 0.3075, 0.2912 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(245, 217, 255) }
```

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

```
.border{ border-color:rgb(245, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(245, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2582, 0.3075, 0.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 255) }
```

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

```
.background{ background-color: rgb(245,  
217, 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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