

Converting Colors

$Y_{xy}(76.2900, 0.3084, 0.2909)$

Have a look what the booklet for
Yxy(76.2900, 0.3084, 0.2909)
contains.

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Color

Yxy(76.4385, 0.3082, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	F6D9FF
RGB	246, 217, 255
RGB Percent	96%, 85%, 100%
CMY	0.0352, 0.1490, 0.0000
CMYK	0.04, 0.15, 0.00, 0.00
HSL	286°, 100%, 93%
HSV	286°, 15%, 100%
XYZ	80.8731, 76.4385, 105.0931
YIQ	230.0030, 5.0860, 17.9660

Conversions

Conversions Part 2

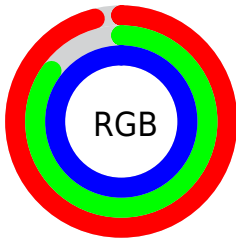
Format	Color
R_{YB}	246, 217, 255
Decimal	16177663
CIE _{Lab}	90.06, 16.63, -14.79
CIE _{LCh}	90, 22.253, 318.361
Yxy	76.4385, 0.3082, 0.2913
Android (android.graphics.Color)	4294367743 (0xFFFF6D9FF)
YUV	230.0030, 12.3235, 14.0294
Hunter-Lab	87.4291, 12.1140, -10.0684

Details

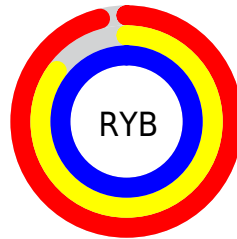
The Yxy color $76.4385, 0.3082, 0.2913$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $92.6900, 0.3164, 0.3683$, and the grayscale version is $79.0407, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.8650, 0.3076, 0.2834$ is the 20% darker color. If you saturate the color by 10%, you get $63.2250, 0.3044, 0.2646$, and if you desaturate by 10%, it is $91.7247, 0.3114, 0.3170$.

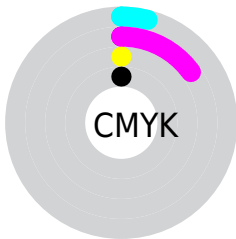
Distribution



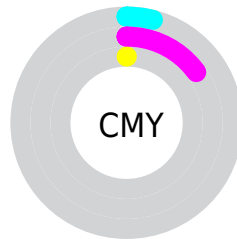
- Red (96%)
- Green (85%)
- Blue (100%)



- 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 76.4385, 0.3082, 0.2913 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 76.4385, 0.3082, 0.2913 by changing the saturation by 10% instead.

 76.4385, 0.3082,
0.2913

 76.4385, 0.3082,
0.2913

482.8474, 0.3105,
0.3081

 56.7921, 0.3076,
0.2876


128.3466, 0.3090,
0.2970

 40.8384, 0.3069,
0.2831


161.3771, 0.3093,
0.2993

 28.1928, 0.3060,
0.2776


199.6377, 0.3096,
0.3012

 18.4711, 0.3048,
0.2705

243.5130, 0.3098,
0.3029

 11.2887, 0.3031,
0.2611

293.3872, 0.3100,
0.3044

 6.2614, 0.3004,
0.2483

349.6447, 0.3102,

 3.0047, 0.2961,

0.3058

0.2297

412.6700, 0.3103,
0.3070

■ 1.1342, 0.2880,
0.2002

■ 0.0069, 0.2820,
0.0047

■ 76.4385, 0.3082,
0.2913

■ 76.4385, 0.3082,
0.2913

■ 63.2250, 0.3044,
0.2646

■ 91.7247, 0.3114,
0.3170

■ 51.9811, 0.2999,
0.2376

99.9996, 0.3127,
0.3290

■ 42.6096, 0.2948,
0.2112

■ 35.0010, 0.2891,
0.1864

■ 29.0342, 0.2829,
0.1644

■ 24.5727, 0.2765,
0.1464

■ 21.4575, 0.2701,
0.1328

■ 19.4930, 0.2638,
0.1241

■ 18.7924, 0.2606,
0.1209

Harmonies

Analogous

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



76.4385, 0.2837, 0.2852



76.4385, 0.3082, 0.2913



76.4385, 0.3349, 0.3064

Triad

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



76.4385, 0.3082, 0.2913



76.4385, 0.3595, 0.3673



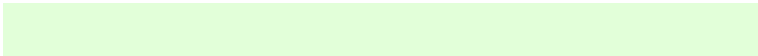
76.4385, 0.2710, 0.3286

Complementary

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



76.4385, 0.3082, 0.2913



92.6900, 0.3164, 0.3683

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.



76.4385, 0.2899, 0.3532



76.4385, 0.3082, 0.2913



76.4385, 0.3410, 0.3758

Square

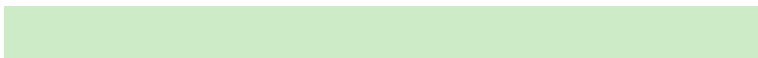
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4385, 0.3082, 0.2913



76.4385, 0.3652, 0.3492



76.4385, 0.3155, 0.3709



76.4385, 0.2630, 0.3053

Rectangle

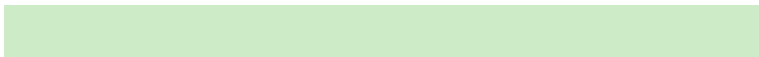
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4385, 0.3082, 0.2913



76.4385, 0.3501, 0.3198



76.4385, 0.3155, 0.3709



76.4385, 0.2762, 0.3370

Sweetspot

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



76.4418, 0.3082, 0.2913



93.2099, 0.3116, 0.3192



76.6352, 0.2889, 0.2992



19.6857, 0.3114, 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.



76.4418, 0.3082, 0.2913



72.1320, 0.3071, 0.2831



77.5071, 0.3208, 0.3010



18.0715, 0.3100, 0.3053



9.8917, 0.2616, 0.1215



1.0128, 0.2687, 0.1254

Inverse Universe

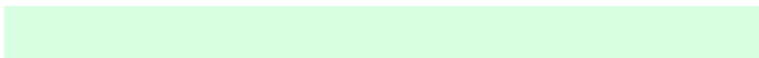
The Inverse Universe completely reimagines the original color for something new.



76.3736, 0.3343, 0.3201



72.0741, 0.3397, 0.3181



91.7861, 0.3055, 0.3587



18.0574, 0.3257, 0.3234



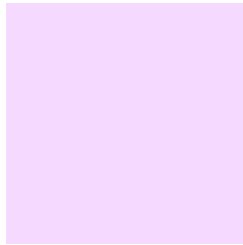
11.2995, 0.5978, 0.3067



1.1163, 0.5667, 0.2895

Previews

White Background



This preview shows how the Yxy color 76.4385, 0.3082, 0.2913 looks on a white background.

Color Contrast Check

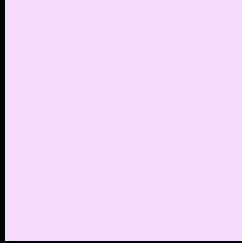
Large Text (above 18pt) WCAG AA × Fail

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 76.4385, 0.3082, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

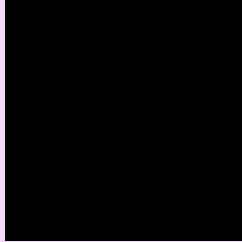
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

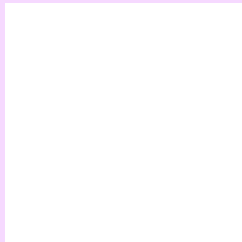
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4385, 0.3082, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 76.4385, 0.3082, 0.2913.

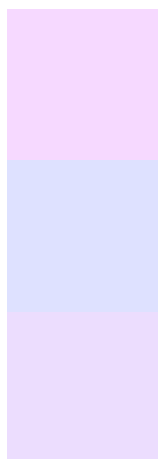


This preview shows how white text looks on a background with the Yxy color 76.4385, 0.3082, 0.2913.

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

76.4385, 0.3082, 0.2913

Protanopia

76.6000, 0.2921, 0.2979

Deuteranopia

76.7015, 0.3019, 0.2956



Tritanopia

76.3555, 0.3178, 0.3117

Trichromacy



Original Color

76.4385, 0.3082, 0.2913

Protanomaly

76.4515, 0.2979, 0.2953

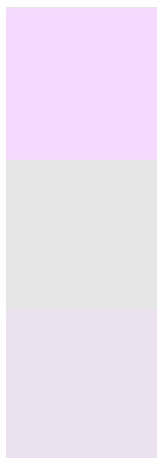
Deuteranomaly

76.8674, 0.3046, 0.2948

Tritanomaly

76.4278, 0.3139, 0.3038

Monochromacy



Original Color

76.4385, 0.3082, 0.2913

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.9153, 0.3113, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4385, 0.3082, 0.2913 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(246, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.4385, 0.3082, 0.2913 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(246, 217, 255) }
```

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

```
.border{ border-color:rgb(246, 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(246, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4385, 0.3082, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 217, 255) }
```

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

```
.background{ background-color: rgb(246,  
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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