

Converting Colors

$Y_{xy}(75.9947, 0.3070, 0.2909)$

Have a look what the booklet for
Yxy(75.9947, 0.3070, 0.2909)
contains.

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Color

Yxy(76.0788, 0.3068, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	F4D9FF
RGB	244, 217, 255
RGB Percent	96%, 85%, 100%
CMY	0.0430, 0.1491, 0.0000
CMYK	0.04, 0.15, 0.00, 0.00
HSL	283°, 100%, 93%
HSV	283°, 15%, 100%
XYZ	80.1820, 76.0788, 105.0886
YIQ	229.4050, 3.8940, 17.5420

Conversions

Conversions Part 2

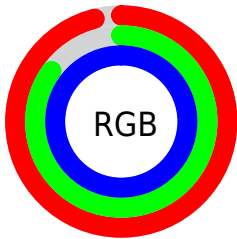
Format	Color
R_{YB}	244, 217, 255
Decimal	16046591
CIE _{Lab}	89.90, 16.00, -15.07
CIE _{LCh}	90, 21.976, 316.706
Yxy	76.0788, 0.3068, 0.2911
Android (android.graphics.Color)	4294236671 (0xFFFF4D9FF)
YUV	229.4050, 12.6183, 12.7998
Hunter-Lab	87.2232, 11.4499, -10.3778

Details

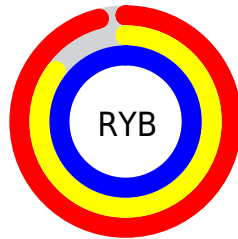
The Yxy color **76.0788, 0.3068, 0.2911** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93.0169, 0.3177, 0.3682**, and the grayscale version is **78.5742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6092, 0.3058, 0.2832** is the 20% darker color. If you saturate the color by 10%, you get **62.6447, 0.3019, 0.2641**, and if you desaturate by 10%, it is **91.5994, 0.3110, 0.3169**.

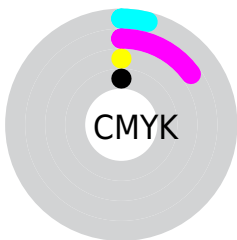
Distribution



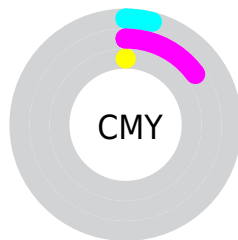
- Red (96%)
- Green (85%)
- Blue (100%)



- 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 76.0788, 0.3068, 0.2911 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 76.0788, 0.3068, 0.2911 by changing the saturation by 10% instead.


 76.0788, 0.3068,
0.2911

 76.0788, 0.3068,
0.2911


481.6174, 0.3097,
0.3080

 56.4971, 0.3061,
0.2874


127.8383, 0.3078,
0.2968

 40.6016, 0.3052,
0.2829


160.7849, 0.3082,
0.2991

 28.0079, 0.3041,
0.2773


198.9553, 0.3086,
0.3011

 18.3316, 0.3026,
0.2701

242.7338, 0.3089,
0.3028

 11.1884, 0.3005,
0.2607

292.5049, 0.3091,
0.3043

 6.1937, 0.2973,
0.2477

348.6529, 0.3093,

 2.9632, 0.2921,

0.3057

0.2288

411.5623, 0.3095,
0.3069

■ 1.1126, 0.2826,
0.1990

■ 0.0000, 0.2668,
0.0000

■ 76.0788, 0.3068,
0.2911

■ 76.0788, 0.3068,
0.2911

■ 62.6447, 0.3019,
0.2641

■ 91.5994, 0.3110,
0.3169

■ 51.1990, 0.2962,
0.2366

100.0000, 0.3127,
0.3290

■ 41.6425, 0.2897,
0.2094

■ 33.8654, 0.2825,
0.1837

■ 27.7462, 0.2749,
0.1607

■ 23.1482, 0.2669,
0.1415

■ 19.9119, 0.2590,
0.1269

■ 17.8415, 0.2514,
0.1173

■ 17.0931, 0.2476,
0.1138

Harmonies

Analogous

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



76.0788, 0.2829, 0.2856



76.0788, 0.3068, 0.2911



76.0788, 0.3332, 0.3056

Triad

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



76.0788, 0.3068, 0.2911



76.0788, 0.3596, 0.3661



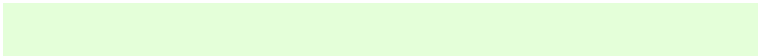
76.0788, 0.2722, 0.3300

Complementary

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



76.0788, 0.3068, 0.2911



93.0169, 0.3177, 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.



76.0788, 0.2914, 0.3541



76.0788, 0.3068, 0.2911



76.0788, 0.3420, 0.3752

Square

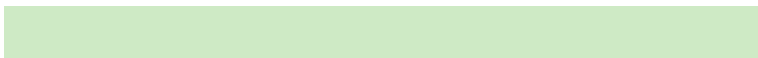
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



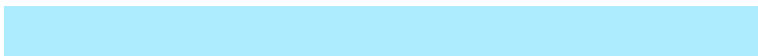
76.0788, 0.3068, 0.2911



76.0788, 0.3645, 0.3479



76.0788, 0.3169, 0.3711



76.0788, 0.2636, 0.3067

Rectangle

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



76.0788, 0.3068, 0.2911



76.0788, 0.3486, 0.3188



76.0788, 0.3169, 0.3711



76.0788, 0.2776, 0.3383

Sweetspot

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



76.0803, 0.3068, 0.2911



93.1098, 0.3113, 0.3192



77.6746, 0.2890, 0.3012



19.6604, 0.3110, 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.



76.0803, 0.3068, 0.2911



71.7037, 0.3054, 0.2829



77.6216, 0.3195, 0.2992



18.0216, 0.3091, 0.3052



9.0115, 0.2488, 0.1144



0.9332, 0.2573, 0.1191

Inverse Universe

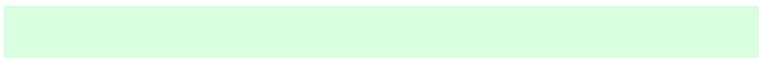
The Inverse Universe completely reimagines the original color for something new.



76.4809, 0.3329, 0.3181



72.2025, 0.3380, 0.3157



91.6846, 0.3066, 0.3608



18.0733, 0.3249, 0.3222



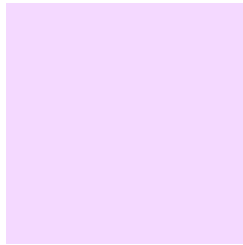
11.3865, 0.5809, 0.2973



1.1266, 0.5489, 0.2797

Previews

White Background



This preview shows how the Yxy color 76.0788, 0.3068, 0.2911 looks on a white background.

Color Contrast Check

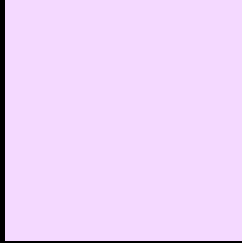
Large Text (above 18pt) WCAG AA × Fail

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 76.0788, 0.3068, 0.2911 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

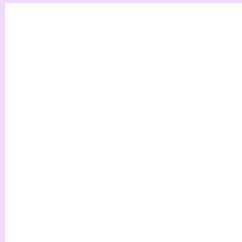
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0788, 0.3068, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 76.0788, 0.3068, 0.2911.

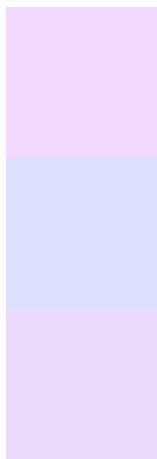


This preview shows how white text looks on a background with the Yxy color 76.0788, 0.3068, 0.2911.

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

76.0788, 0.3068, 0.2911

Protanopia

76.4426, 0.2914, 0.2978

Deuteranopia

76.0043, 0.3012, 0.2945



Tritanopia

76.0016, 0.3164, 0.3116

Trichromacy



Original Color

76.0788, 0.3068, 0.2911

Protanomaly

76.1206, 0.2966, 0.2952

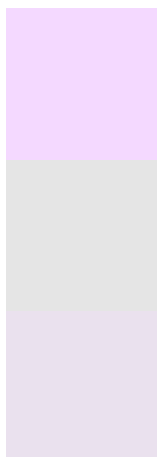
Deuteranomaly

75.9959, 0.3033, 0.2937

Tritanomaly

76.0719, 0.3125, 0.3037

Monochromacy



Original Color

76.0788, 0.3068, 0.2911

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.5159, 0.3106, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0788, 0.3068, 0.2911 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(244, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.0788, 0.3068, 0.2911 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(244, 217, 255) }
```

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

```
.border{ border-color:rgb(244, 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(244, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0788, 0.3068, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 217, 255) }
```

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

```
.background{ background-color: rgb(244,  
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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