

Converting Colors

$Y_{xy}(77.0913, 0.3059, 0.2935)$

Have a look what the booklet for
Yxy(77.0913, 0.3059, 0.2935)
contains.

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Color

Yxy(76.9377, 0.3061, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	F3DBFF
RGB	243, 219, 255
RGB Percent	95%, 86%, 100%
CMY	0.0469, 0.1412, 0.0001
CMYK	0.05, 0.14, 0.00, 0.00
HSL	280°, 100%, 93%
HSV	280°, 14%, 100%
XYZ	80.3502, 76.9377, 105.2086
YIQ	230.2800, 2.7480, 16.2840

Conversions

Conversions Part 2

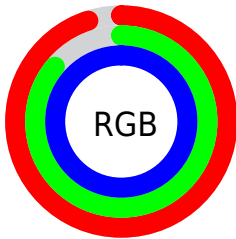
Format	Color
R _Y B	243, 219, 255
Decimal	15981567
CIE Lab	90.29, 14.61, -14.46
CIE LCh	90, 20.559, 315.302
Yxy	76.9377, 0.3061, 0.2931
Android (android.graphics.Color)	4294171647 (0xFFFF3DBFF)
YUV	230.2800, 12.1870, 11.1554
Hunter-Lab	87.7141, 10.0144, -9.7154

Details

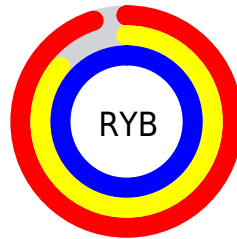
The Yxy color $76.9377, 0.3061, 0.2931$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $93.6036, 0.3184, 0.3658$, and the grayscale version is $79.2596, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.1929, 0.3048, 0.2856$ is the 20% darker color. If you saturate the color by 10%, you get $63.1684, 0.3004, 0.2659$, and if you desaturate by 10%, it is $92.8207, 0.3110, 0.3189$.

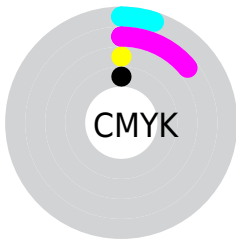
Distribution



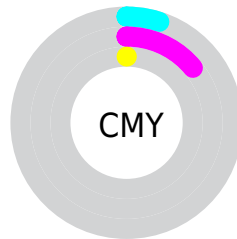
- Red (95%)
- Green (86%)
- Blue (100%)



- Red (95%)
- Yellow (86%)
- Blue (100%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.9377, 0.3061, 0.2931 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 76.9377, 0.3061, 0.2931 by changing the saturation by 10% instead.


 76.9377, 0.3061,
0.2931

 76.9377, 0.3061,
0.2931

484.5516, 0.3093,
0.3091

 57.2017, 0.3053,
0.2896

129.0515, 0.3072,
0.2985

 41.1672, 0.3044,
0.2853


162.1982, 0.3077,
0.3007

 28.4498, 0.3032,
0.2800


200.5839, 0.3080,
0.3026

 18.6650, 0.3016,
0.2732

244.5930, 0.3084,
0.3042

 11.4285, 0.2993,
0.2642

294.6099, 0.3086,
0.3056

 6.3558, 0.2960,
0.2519

351.0191, 0.3089,

 3.0626, 0.2907,

0.3069

0.2340

414.2048, 0.3091,
0.3081

■ 1.1645, 0.2810,
0.2055

■ 0.0324, 0.2639,
0.0221

■ 76.9377, 0.3061,
0.2931

■ 76.9377, 0.3061,
0.2931

■ 63.1684, 0.3004,
0.2659

■ 92.8207, 0.3110,
0.3189

■ 51.4097, 0.2937,
0.2380

99.9990, 0.3127,
0.3290

■ 41.5643, 0.2862,
0.2101

■ 33.5229, 0.2778,
0.1835

■ 27.1648, 0.2690,
0.1594

■ 22.3543, 0.2598,
0.1390

■ 18.9339, 0.2507,
0.1232

■ 16.7111, 0.2420,
0.1125

■ 15.8018, 0.2371,
0.1080

Harmonies

Analogous

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



76.9377, 0.2840, 0.2885



76.9377, 0.3061, 0.2931



76.9377, 0.3308, 0.3064

Triad

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



76.9377, 0.3061, 0.2931



76.9377, 0.3569, 0.3630



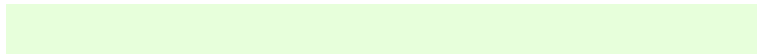
76.9377, 0.2755, 0.3310

Complementary

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



76.9377, 0.3061, 0.2931



93.6036, 0.3184, 0.3658

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.



76.9377, 0.2939, 0.3533



76.9377, 0.3061, 0.2931



76.9377, 0.3410, 0.3718

Square

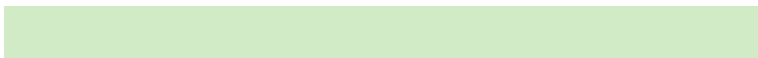
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9377, 0.3061, 0.2931



76.9377, 0.3608, 0.3458



76.9377, 0.3178, 0.3686



76.9377, 0.2669, 0.3092

Rectangle

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



76.9377, 0.3061, 0.2931



76.9377, 0.3452, 0.3186



76.9377, 0.3178, 0.3686



76.9377, 0.2807, 0.3388

Sweetspot

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



76.9410, 0.3061, 0.2931



93.0272, 0.3110, 0.3192



79.4257, 0.2903, 0.3041



19.6394, 0.3107, 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.



76.9410, 0.3061, 0.2931



72.7640, 0.3045, 0.2854



78.7566, 0.3183, 0.2997



17.9806, 0.3084, 0.3052



8.3429, 0.2385, 0.1087



0.8720, 0.2480, 0.1140

Inverse Universe

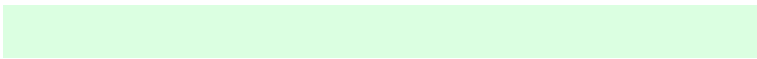
The Inverse Universe completely reimagines the original color for something new.



77.6842, 0.3306, 0.3171



73.6655, 0.3349, 0.3146



92.0051, 0.3076, 0.3602



18.0865, 0.3242, 0.3211



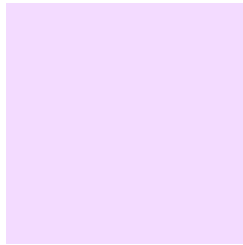
11.4732, 0.5652, 0.2887



1.1364, 0.5334, 0.2712

Previews

White Background



This preview shows how the Yxy color 76.9377, 0.3061, 0.2931 looks on a white background.

Color Contrast Check

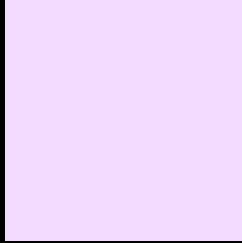
Large Text (above 18pt) WCAG AA × Fail

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 76.9377, 0.3061, 0.2931 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

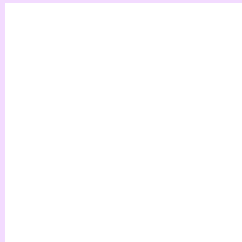
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9377, 0.3061, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 76.9377, 0.3061, 0.2931.

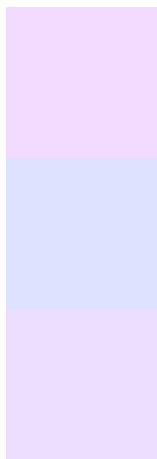


This preview shows how white text looks on a background with the Yxy color 76.9377, 0.3061, 0.2931.

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

76.9377, 0.3061, 0.2931

Protanopia

77.3007, 0.2927, 0.2990

Deuteranopia

76.9374, 0.3020, 0.2947



Tritanopia

77.1753, 0.3149, 0.3117

Trichromacy



Original Color

76.9377, 0.3061, 0.2931

Protanomaly

76.8183, 0.2973, 0.2963

Deuteranomaly

76.7571, 0.3033, 0.2938

Tritanomaly

77.1827, 0.3118, 0.3048

Monochromacy



Original Color

76.9377, 0.3061, 0.2931

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.2869, 0.3106, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9377, 0.3061, 0.2931 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(243, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 219, 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(243, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.9377, 0.3061, 0.2931 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(243, 219, 255) }
```

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

```
.border{ border-color:rgb(243, 219, 255) }
```

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

Here you see how a box with a 4 pixel rgb(243, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9377, 0.3061, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 219, 255) }
```

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

```
.background{ background-color: rgb(243,  
219, 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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