

Converting Colors

$Y_{xy}(76.9182, 0.2754, 0.2404)$

Have a look what the booklet for
Yxy(76.9182, 0.2754, 0.2404)
contains.

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Color

Yxy(73.0416, 0.3069, 0.2850)

Conversions

Conversions Part 1

Format	Color
Hex	F4D3FF
RGB	244, 211, 255
RGB Percent	96%, 83%, 100%
CMY	0.0432, 0.1725, 0.0000
CMYK	0.04, 0.17, 0.00, 0.00
HSL	285°, 100%, 91%
HSV	285°, 17%, 100%
XYZ	78.6543, 73.0416, 104.5904
YIQ	225.8830, 5.5440, 20.6800

Conversions

Conversions Part 2

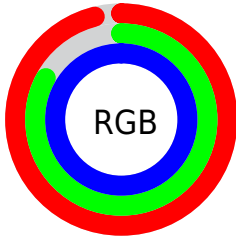
Format	Color
RYB	244, 211, 255
Decimal	16045055
CIELab	88.47, 19.13, -17.22
CIELCh	88, 25.740, 318.011
Yxy	73.0416, 0.3069, 0.2850
Android (android.graphics.Color)	4294235135 (0xFFFF4D3FF)
YUV	225.8830, 14.3547, 15.8886
Hunter-Lab	85.4644, 14.7138, -12.7334

Details

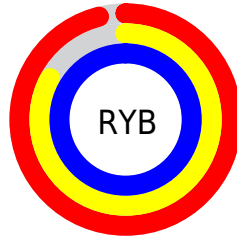
The Yxy color $73.0416, 0.3069, 0.2850$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.7551, 0.3174, 0.3750$, and the grayscale version is $75.8550, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.5455, 0.3059, 0.2754$ is the 20% darker color. If you saturate the color by 10%, you get $60.2392, 0.3026, 0.2581$, and if you desaturate by 10%, it is $87.8947, 0.3105, 0.3110$.

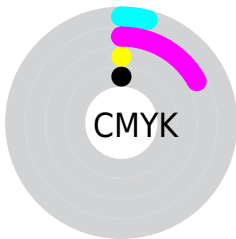
Distribution



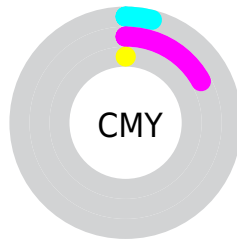
- Red (96%)
- Green (83%)
- Blue (100%)



- Red (96%)
- Yellow (83%)
- Blue (100%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0416, 0.3069, 0.2850 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 73.0416, 0.3069, 0.2850 by changing the saturation by 10% instead.

 73.0416, 0.3069,
0.2850

 73.0416, 0.3069,
0.2850


471.1590, 0.3098,
0.3047

 54.0100, 0.3062,
0.2807


123.5363, 0.3080,
0.2917

 38.6096, 0.3053,
0.2754

155.7681, 0.3084,
0.2943

 26.4562, 0.3040,
0.2689


193.1688, 0.3087,
0.2966

 17.1652, 0.3024,
0.2606

236.1227, 0.3090,
0.2986

 10.3524, 0.3001,
0.2496

285.0143, 0.3093,
0.3004

 5.6332, 0.2965,
0.2345

340.2280, 0.3095,

 2.6234, 0.2907,

0.3020

0.2126

402.1481, 0.3097,
0.3034

0.9384, 0.2795,
0.1783

0.0000, 0.2306,
0.0000

73.0416, 0.3069,
0.2850

73.0416, 0.3069,
0.2850

60.2392, 0.3026,
0.2581

87.8947, 0.3105,
0.3110

49.3904, 0.2977,
0.2310

100.0000, 0.3127,
0.3290

40.3933, 0.2920,
0.2046

33.1360, 0.2858,
0.1801

■ 27.4940, 0.2792,
0.1587

■ 23.3264, 0.2723,
0.1414

■ 20.4671, 0.2655,
0.1287

■ 18.7023, 0.2589,
0.1207

■ 18.3213, 0.2571,
0.1190

Harmonies

Analogous

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



73.0416, 0.2785, 0.2780



73.0416, 0.3069, 0.2850



73.0416, 0.3383, 0.3023

Triad

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



73.0416, 0.3069, 0.2850



73.0416, 0.3677, 0.3734



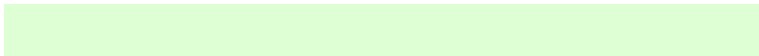
73.0416, 0.2641, 0.3286

Complementary

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



73.0416, 0.3069, 0.2850



91.7551, 0.3174, 0.3750

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.



73.0416, 0.2862, 0.3578



73.0416, 0.3069, 0.2850



73.0416, 0.3461, 0.3841

Square

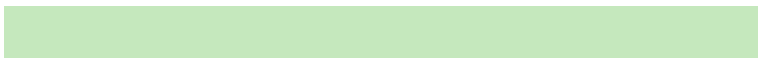
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



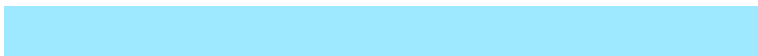
73.0416, 0.3069, 0.2850



73.0416, 0.3744, 0.3520



73.0416, 0.3161, 0.3788



73.0416, 0.2547, 0.3012

Rectangle

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



73.0416, 0.3069, 0.2850



73.0416, 0.3564, 0.3178



73.0416, 0.3161, 0.3788



73.0416, 0.2702, 0.3386

Sweetspot

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



73.0424, 0.3069, 0.2850



91.5331, 0.3112, 0.3167



73.7044, 0.2849, 0.2948



19.3465, 0.3110, 0.3149



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.



73.0424, 0.3069, 0.2850



68.0100, 0.3054, 0.2750



74.4272, 0.3217, 0.2957



18.0581, 0.3098, 0.3053



9.6475, 0.2582, 0.1196



0.9908, 0.2656, 0.1237

Inverse Universe

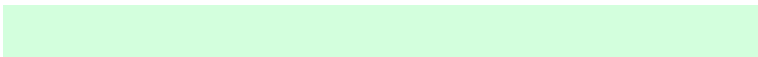
The Inverse Universe completely reimagines the original color for something new.



73.1255, 0.3379, 0.3180



68.1420, 0.3447, 0.3154



90.6045, 0.3048, 0.3647



18.0616, 0.3255, 0.3231



11.3210, 0.5935, 0.3043



1.1189, 0.5620, 0.2870

Previews

White Background



This preview shows how the Yxy color 73.0416, 0.3069, 0.2850 looks on a white background.

Color Contrast Check

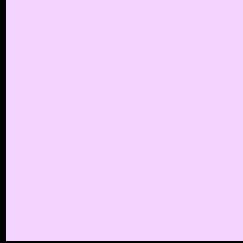
Large Text (above 18pt) WCAG AA × Fail

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 73.0416, 0.3069, 0.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

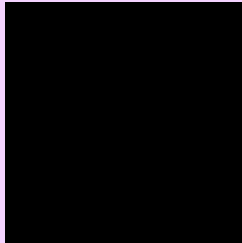
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

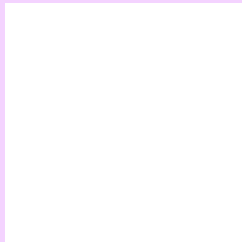
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0416, 0.3069, 0.2850

Background



This preview shows how black text looks on a background with the Yxy color 73.0416, 0.3069, 0.2850.



This preview shows how white text looks on a background with the Yxy color 73.0416, 0.3069, 0.2850.

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

73.0416, 0.3069, 0.2850

Protanopia

73.5318, 0.2880, 0.2932

Deuteranopia

73.4395, 0.2972, 0.2909



Tritanopia

73.1278, 0.3201, 0.3115

Trichromacy



Original Color

73.0416, 0.3069, 0.2850

Protanomaly

73.0145, 0.2945, 0.2897

Deuteranomaly

73.2491, 0.3006, 0.2892

Tritanomaly

73.2617, 0.3154, 0.3025

Monochromacy



Original Color

73.0416, 0.3069, 0.2850

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.1510, 0.3107, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0416, 0.3069, 0.2850 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.0416, 0.3069, 0.2850 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, 211, 255) }
```

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

```
.border{ border-color:rgb(244, 211, 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, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0416, 0.3069, 0.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 211, 255) }
```

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

```
.background{ background-color: rgb(244,  
211, 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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