

Converting Colors

Yxy(72.4668, 0.3109, 0.2918)

Have a look what the booklet for
Yxy(72.4668, 0.3109, 0.2918)
contains.

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Color

Yxy(72.4205, 0.3109, 0.2916)

Conversions

Conversions Part 1

Format	Color
Hex	F3D3F8
RGB	243, 211, 248
RGB Percent	95%, 83%, 97%
CMY	0.0468, 0.1726, 0.0274
CMYK	0.02, 0.15, 0.00, 0.03
HSL	292°, 73%, 90%
HSV	292°, 15%, 97%
XYZ	77.2138, 72.4205, 98.7214
YIQ	224.7860, 7.1950, 18.2910

Conversions

Conversions Part 2

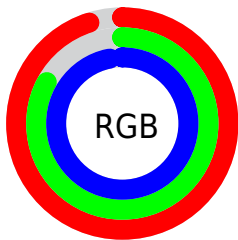
Format	Color
R _Y B	243, 211, 248
Decimal	15979512
CIE Lab	88.17, 17.53, -13.97
CIE LCh	88, 22.414, 321.447
Yxy	72.4205, 0.3109, 0.2916
Android (android.graphics.Color)	4294169592 (0xFFFF3D3F8)
YUV	224.7860, 11.4445, 15.9737
Hunter-Lab	85.1002, 13.0325, -9.2098

Details

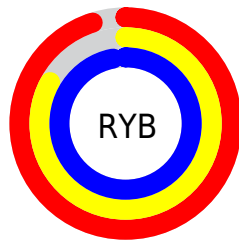
The Yxy color $72.4205, 0.3109, 0.2916$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.4321, 0.3140, 0.3686$, and the grayscale version is $75.0515, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.1475, 0.3102, 0.2824$ is the 20% darker color. If you saturate the color by 10%, you get $60.4525, 0.3092, 0.2656$, and if you desaturate by 10%, it is $86.3063, 0.3122, 0.3169$.

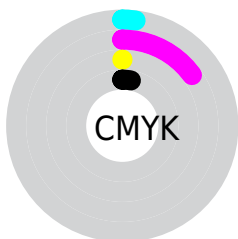
Distribution



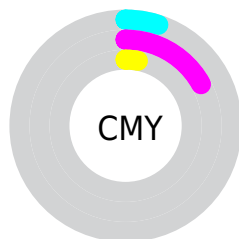
- Red (95%)
- Green (83%)
- Blue (97%)



- Red (95%)
- Yellow (83%)
- Blue (97%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)





- Cyan (5%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4205, 0.3109, 0.2916 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 72.4205, 0.3109, 0.2916 by changing the saturation by 10% instead.


 72.4205, 0.3109,
0.2916

 72.4205, 0.3109,
0.2916


469.0039, 0.3119,
0.3084

 53.5022, 0.3106,
0.2879


122.6542, 0.3113,
0.2973

 38.2039, 0.3102,
0.2833


154.7384, 0.3114,
0.2996

 26.1410, 0.3097,
0.2777


191.9801, 0.3116,
0.3016

 16.9291, 0.3090,
0.2704

234.7636, 0.3117,
0.3033

 10.1840, 0.3079,
0.2607

283.4733, 0.3118,
0.3048

 5.5211, 0.3062,
0.2474


338.4937, 0.3118,


 2.5561, 0.3031,


0.3061


0.2276


400.2091, 0.3119,
0.3073

 0.9047, 0.2967,
0.1958


 0.0000, 0.2374,
0.0000


 72.4205, 0.3109,
0.2916


 72.4205, 0.3109,
0.2916


 60.4525, 0.3092,
0.2656

 86.3063, 0.3122,
0.3169


 50.3062, 0.3072,
0.2396

 98.5649, 0.3134,
0.3357

 41.8908, 0.3048,
0.2147

 99.1825, 0.3155,
0.3357

 35.1044, 0.3020,
0.1918

 99.5578, 0.3168,
0.3357

■ 29.8342, 0.2988,
0.1719

■ 25.9529, 0.2955,
0.1560

■ 23.3123, 0.2920,
0.1446

■ 21.7304, 0.2885,
0.1376

■ 21.1972, 0.2867,
0.1353

Harmonies

Analogous

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



72.4205, 0.2853, 0.2843



72.4205, 0.3109, 0.2916



72.4205, 0.3381, 0.3078

Triad

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



72.4205, 0.3109, 0.2916



72.4205, 0.3592, 0.3697



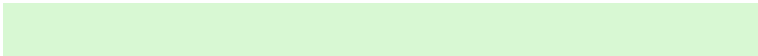
72.4205, 0.2685, 0.3259

Complementary

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



72.4205, 0.3109, 0.2916



86.4321, 0.3140, 0.3686

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.



72.4205, 0.2869, 0.3514



72.4205, 0.3109, 0.2916



72.4205, 0.3392, 0.3772

Square

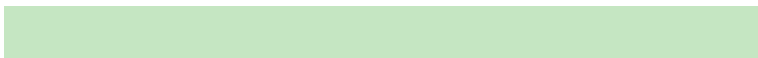
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



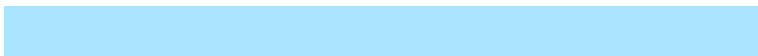
72.4205, 0.3109, 0.2916



72.4205, 0.3666, 0.3519



72.4205, 0.3127, 0.3707



72.4205, 0.2616, 0.3026

Rectangle

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



72.4205, 0.3109, 0.2916



72.4205, 0.3531, 0.3219



72.4205, 0.3127, 0.3707



72.4205, 0.2735, 0.3345

Sweetspot

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



72.4236, 0.3109, 0.2916



93.4059, 0.3123, 0.3192



70.0132, 0.2887, 0.2951



19.7355, 0.3122, 0.3174



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.



72.4236, 0.3109, 0.2916



72.9835, 0.3104, 0.2836



72.5406, 0.3234, 0.3046



17.3999, 0.3116, 0.3055



11.4948, 0.2873, 0.1356



1.0962, 0.2915, 0.1380

Inverse Universe

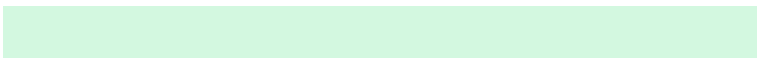
The Inverse Universe completely reimagines the original color for something new.



71.4943, 0.3371, 0.3240



71.8288, 0.3432, 0.3228



86.3654, 0.3034, 0.3547



17.2630, 0.3273, 0.3259



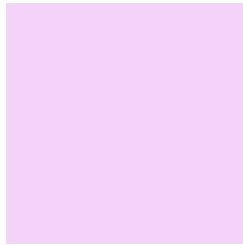
10.8518, 0.6229, 0.3205



1.0164, 0.5960, 0.3057

Previews

White Background



This preview shows how the Yxy color 72.4205, 0.3109, 0.2916 looks on a white background.

Color Contrast Check

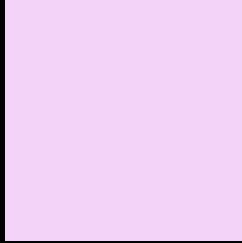
Large Text (above 18pt) WCAG AA × Fail

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 72.4205, 0.3109, 0.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

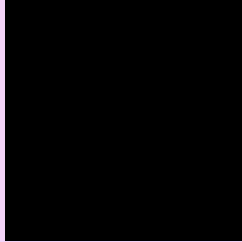
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.4205, 0.3109, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 72.4205, 0.3109, 0.2916.

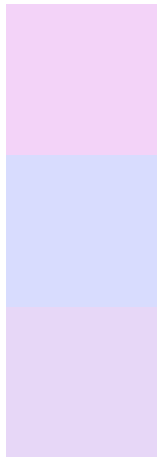


This preview shows how white text looks on a background with the Yxy color 72.4205, 0.3109, 0.2916.

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

72.4205, 0.3109, 0.2916

Protanopia

72.9411, 0.2886, 0.2932

Deuteranopia

72.3052, 0.3030, 0.2958



Tritanopia

72.3879, 0.3201, 0.3114

Trichromacy



Original Color

72.4205, 0.3109, 0.2916

Protanomaly

72.8227, 0.2964, 0.2927

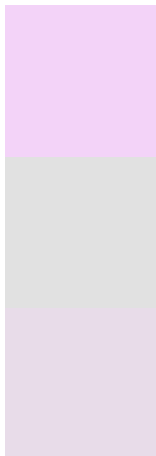
Deuteranomaly

72.4707, 0.3058, 0.2951

Tritanomaly

72.4037, 0.3168, 0.3044

Monochromacy



Original Color

72.4205, 0.3109, 0.2916

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.2254, 0.3126, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4205, 0.3109, 0.2916 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, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(243, 211, 248)  
}
```

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, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 211, 248) }
```

Border

The CSS property to change the border of an element to Yxy 72.4205, 0.3109, 0.2916 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, 211, 248) }
```

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

```
.border{ border-color:rgb(243, 211, 248) }
```

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

Here you see how a box with a 4 pixel rgb(243, 211, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(243, 211,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4205, 0.3109, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 211, 248) }
```

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

```
.background{ background-color: rgb(243,  
211, 248) }
```

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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