

Converting Colors

$Y_{xy}(72.7897, 0.3191, 0.2919)$

Have a look what the booklet for
Yxy(72.7897, 0.3191, 0.2919)
contains.

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Color

Yxy(72.9502, 0.3188, 0.2923)

Conversions

Conversions Part 1

Format	Color
Hex	FCD1F6
RGB	252, 209, 246
RGB Percent	99%, 82%, 96%
CMY	0.0120, 0.1803, 0.0354
CMYK	0.00, 0.17, 0.02, 0.01
HSL	308°, 88%, 90%
HSV	308°, 17%, 99%
XYZ	79.5639, 72.9502, 97.0590
YIQ	226.0750, 13.7510, 20.6230

Conversions

Conversions Part 2

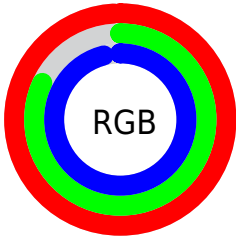
Format	Color
R _Y B	252, 209, 246
Decimal	16568822
CIE _{Lab}	88.42, 21.12, -12.44
CIE _{LCh}	88, 24.514, 329.504
Yxy	72.9502, 0.3188, 0.2923
Android (android.graphics.Color)	4294758902 (0xFFFCD1F6)
YUV	226.0750, 9.8230, 22.7362
Hunter-Lab	85.4109, 16.8113, -7.5882

Details

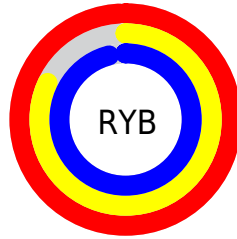
The Yxy color $72.9502, 0.3188, 0.2923$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.0560, 0.3072, 0.3687$, and the grayscale version is $76.0292, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.4310, 0.3196, 0.2833$ is the 20% darker color. If you saturate the color by 10%, you get $61.3371, 0.3230, 0.2702$, and if you desaturate by 10%, it is $86.5287, 0.3151, 0.3141$.

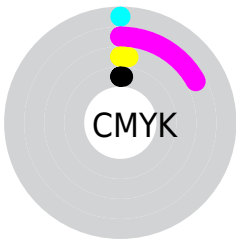
Distribution



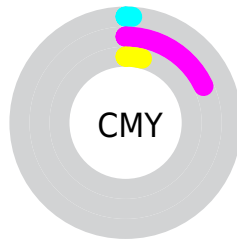
- Red (99%)
- Green (82%)
- Blue (96%)



- Red (99%)
- Yellow (82%)
- Blue (96%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9502, 0.3188, 0.2923 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 72.9502, 0.3188, 0.2923 by changing the saturation by 10% instead.

 72.9502, 0.3188,
0.2923

 72.9502, 0.3188,
0.2923


470.8422, 0.3162,
0.3088

 53.9352, 0.3193,
0.2887


123.4065, 0.3179,
0.2979

 38.5499, 0.3200,
0.2842


155.6167, 0.3176,
0.3001

 26.4098, 0.3207,
0.2787


192.9940, 0.3173,
0.3020

 17.1304, 0.3217,
0.2716

235.9229, 0.3170,
0.3037

 10.3275, 0.3229,
0.2623

284.7878, 0.3168,
0.3052

 5.6167, 0.3243,
0.2493

339.9730, 0.3166,

 2.6134, 0.3262,

0.3065

0.2302

401.8630, 0.3164,
0.3077

0.9334, 0.3282,
0.1995

0.0000, 0.3398,
0.0000

72.9502, 0.3188,
0.2923

72.9502, 0.3188,
0.2923

61.3371, 0.3230,
0.2702

86.5287, 0.3151,
0.3141

51.5883, 0.3277,
0.2485

99.2977, 0.3120,
0.3309

43.6078, 0.3327,
0.2280

99.4264, 0.3108,
0.3290

37.2876, 0.3381,
0.2098

■ 32.5075, 0.3435,
0.1949

■ 29.1315, 0.3489,
0.1841

■ 26.9996, 0.3541,
0.1778

■ 25.9072, 0.3589,
0.1759

■ 25.6910, 0.3603,
0.1759

Harmonies

Analogous

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



72.9502, 0.2897, 0.2815



72.9502, 0.3188, 0.2923



72.9502, 0.3475, 0.3118

Triad

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



72.9502, 0.3188, 0.2923



72.9502, 0.3587, 0.3768



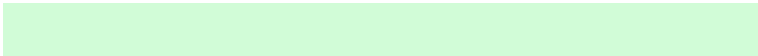
72.9502, 0.2613, 0.3180

Complementary

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



72.9502, 0.3188, 0.2923



88.0560, 0.3072, 0.3687

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.



72.9502, 0.2782, 0.3462



72.9502, 0.3188, 0.2923



72.9502, 0.3341, 0.3814

Square

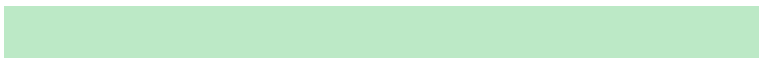
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



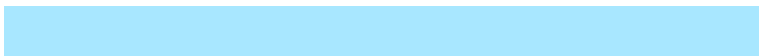
72.9502, 0.3188, 0.2923



72.9502, 0.3710, 0.3597



72.9502, 0.3046, 0.3702



72.9502, 0.2576, 0.2948

Rectangle

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



72.9502, 0.3188, 0.2923



72.9502, 0.3620, 0.3277



72.9502, 0.3046, 0.3702



72.9502, 0.2656, 0.3273

Sweetspot

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



72.9534, 0.3188, 0.2923



92.0195, 0.3144, 0.3185



67.0489, 0.2886, 0.2832



19.4650, 0.3146, 0.3170



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.



72.9534, 0.3188, 0.2923



71.2171, 0.3200, 0.2857



71.7243, 0.3339, 0.3131



17.4806, 0.3159, 0.3088



13.4051, 0.3596, 0.1754



1.2526, 0.3542, 0.1725

Inverse Universe

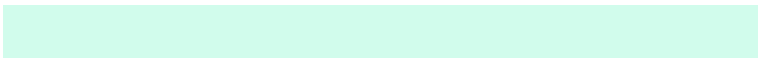
The Inverse Universe completely reimagines the original color for something new.



72.9534, 0.3188, 0.2923



71.2171, 0.3200, 0.2857



89.2183, 0.2954, 0.3455



17.4806, 0.3159, 0.3088



13.4051, 0.3596, 0.1754



1.2526, 0.3542, 0.1725

Previews

White Background



This preview shows how the Yxy color 72.9502, 0.3188, 0.2923 looks on a white background.

Color Contrast Check

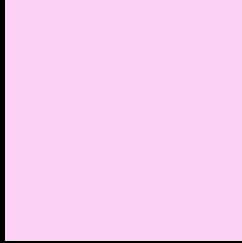
Large Text (above 18pt) WCAG AA × Fail

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 72.9502, 0.3188, 0.2923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

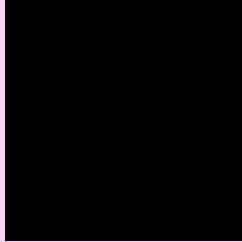
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9502, 0.3188, 0.2923

Background



This preview shows how black text looks on a background with the Yxy color 72.9502, 0.3188, 0.2923.

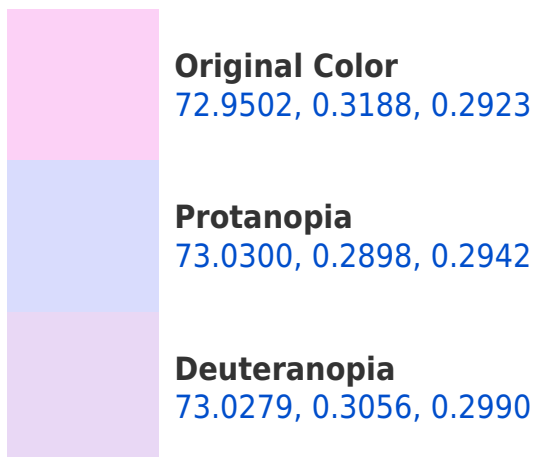


This preview shows how white text looks on a background with the Yxy color 72.9502, 0.3188, 0.2923.

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





Tritanopia

73.0681, 0.3290, 0.3118

Trichromacy



Original Color

72.9502, 0.3188, 0.2923

Protanomaly

72.8369, 0.3003, 0.2939

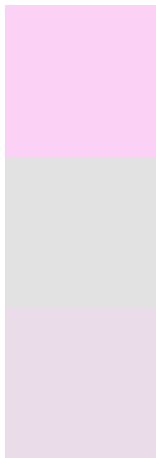
Deuteranomaly

72.7063, 0.3107, 0.2964

Tritanomaly

73.0959, 0.3256, 0.3049

Monochromacy



Original Color

72.9502, 0.3188, 0.2923

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.7318, 0.3148, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9502, 0.3188, 0.2923 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(252, 209, 246)` looks like.

```
.text, #text, p{  
    color:rgb(252, 209, 246)  
}
```

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(252, 209, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 209, 246) }
```

Border

The CSS property to change the border of an element to Yxy 72.9502, 0.3188, 0.2923 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(252, 209, 246) }
```

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

```
.border{ border-color:rgb(252, 209, 246) }
```

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

Here you see how a box with a 4 pixel rgb(252, 209, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 209, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 209, 246);  
box-shadow:4px 4px 4px 4px rgb(252, 209,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9502, 0.3188, 0.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 209, 246) }
```

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

```
.background{ background-color: rgb(252,  
209, 246) }
```

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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