

Converting Colors

$Y_{xy}(72.7022, 0.3160, 0.2902)$

Have a look what the booklet for
Yxy(72.7022, 0.3160, 0.2902)
contains.

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Color

Yxy(72.7022, 0.3160, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	FAD1F8
RGB	250, 209, 248
RGB Percent	98%, 82%, 97%
CMY	0.0196, 0.1804, 0.0275
CMYK	0.00, 0.16, 0.01, 0.02
HSL	303°, 80%, 90%
HSV	303°, 16%, 98%
XYZ	79.1657, 72.7022, 98.6565
YIQ	225.7050, 11.9170, 20.8210

Conversions

Conversions Part 2

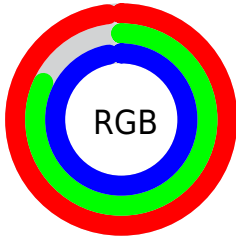
Format	Color
R _Y B	250, 209, 248
Decimal	16437752
CIE Lab	88.31, 20.85, -13.69
CIE LCh	88, 24.942, 326.697
Yxy	72.7022, 0.3160, 0.2902
Android (android.graphics.Color)	4294627832 (0xFFFAD1F8)
YUV	225.7050, 10.9914, 21.3067
Hunter-Lab	85.2656, 16.5154, -8.9156

Details

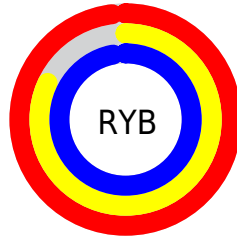
The Yxy color $72.7022, 0.3160, 0.2902$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.6312, 0.3095, 0.3711$, and the grayscale version is $75.7435, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.2544, 0.3159, 0.2807$ is the 20% darker color. If you saturate the color by 10%, you get $61.3089, 0.3182, 0.2661$, and if you desaturate by 10%, it is $86.0271, 0.3139, 0.3141$.

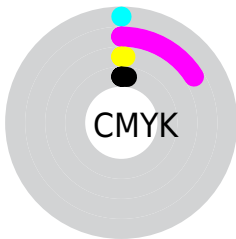
Distribution



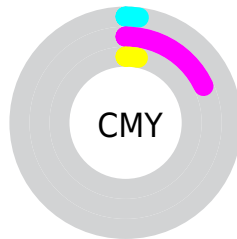
- Red (98%)
- Green (82%)
- Blue (97%)



- Red (98%)
- Yellow (82%)
- Blue (97%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7022, 0.3160, 0.2902 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 72.7022, 0.3160, 0.2902 by changing the saturation by 10% instead.

 72.7022, 0.3160,
0.2902

 72.7022, 0.3160,
0.2902


469.9820, 0.3147,
0.3076

 53.7325, 0.3162,
0.2864


123.0544, 0.3156,
0.2961

 38.3878, 0.3165,
0.2817


155.2056, 0.3154,
0.2985

 26.2838, 0.3168,
0.2759

192.5194, 0.3153,
0.3005

 17.0361, 0.3171,
0.2684

235.3803, 0.3152,
0.3023

 10.2602, 0.3174,
0.2586

284.1726, 0.3150,
0.3038

 5.5718, 0.3177,
0.2449

339.2808, 0.3149,

 2.5865, 0.3176,

0.3052

0.2249

401.0891, 0.3148,
0.3065

0.9199, 0.3162,
0.1930

0.0000, 0.3050,
0.0000

72.7022, 0.3160,
0.2902

72.7022, 0.3160,
0.2902

61.3089, 0.3182,
0.2661

86.0271, 0.3139,
0.3141

51.7483, 0.3206,
0.2426

98.7736, 0.3122,
0.3334

43.9268, 0.3230,
0.2205

98.8510, 0.3115,
0.3322

37.7390, 0.3254,
0.2010

98.9289, 0.3108,
0.3310

■ 33.0679, 0.3276,
0.1849

■ 99.0073, 0.3101,
0.3298

■ 29.7814, 0.3298,
0.1729

■ 99.0638, 0.3096,
0.3290

■ 27.7242, 0.3317,
0.1653

■ 26.7028, 0.3333,
0.1619

■ 26.4812, 0.3338,
0.1613

Harmonies

Analogous

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



72.7022, 0.2867, 0.2802



72.7022, 0.3160, 0.2902



72.7022, 0.3457, 0.3094

Triad

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



72.7022, 0.3160, 0.2902



72.7022, 0.3613, 0.3765



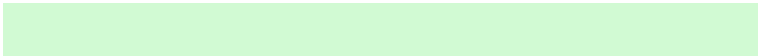
72.7022, 0.2614, 0.3204

Complementary

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



72.7022, 0.3160, 0.2902



86.6312, 0.3095, 0.3711

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.



72.7022, 0.2797, 0.3492



72.7022, 0.3160, 0.2902



72.7022, 0.3372, 0.3827

Square

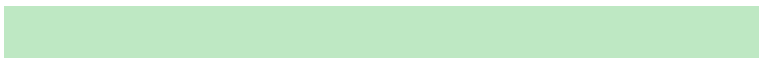
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



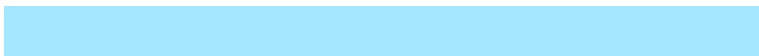
72.7022, 0.3160, 0.2902



72.7022, 0.3724, 0.3581



72.7022, 0.3072, 0.3727



72.7022, 0.2563, 0.2959

Rectangle

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



72.7022, 0.3160, 0.2902



72.7022, 0.3612, 0.3253



72.7022, 0.3072, 0.3727



72.7022, 0.2662, 0.3299

Sweetspot

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



72.7054, 0.3160, 0.2902



92.0930, 0.3137, 0.3174



66.2637, 0.2868, 0.2847



19.4830, 0.3138, 0.3157



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.



72.7054, 0.3160, 0.2902



71.5056, 0.3168, 0.2815



71.5379, 0.3300, 0.3096



17.5090, 0.3146, 0.3068



14.0531, 0.3336, 0.1611



1.3060, 0.3320, 0.1602

Inverse Universe

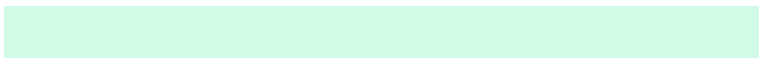
The Inverse Universe completely reimagines the original color for something new.



72.7054, 0.3160, 0.2902



71.5056, 0.3168, 0.2815



87.6893, 0.2983, 0.3493



17.5090, 0.3146, 0.3068



14.0531, 0.3336, 0.1611



1.3060, 0.3320, 0.1602

Previews

White Background



This preview shows how the Yxy color 72.7022, 0.3160, 0.2902 looks on a white background.

Color Contrast Check

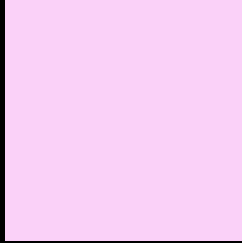
Large Text (above 18pt) WCAG AA × Fail

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 72.7022, 0.3160, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

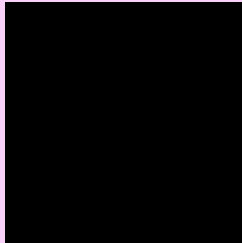
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7022, 0.3160, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 72.7022, 0.3160, 0.2902.



This preview shows how white text looks on a background with the Yxy color 72.7022, 0.3160, 0.2902.

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

72.7022, 0.3160, 0.2902

Protanopia

73.0053, 0.2880, 0.2922

Deuteranopia

72.9829, 0.3036, 0.2970



Tritanopia

72.5183, 0.3268, 0.3117

Trichromacy



Original Color

72.7022, 0.3160, 0.2902

Protanomaly

72.6340, 0.2977, 0.2917

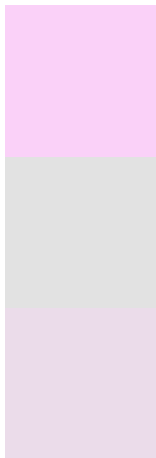
Deuteranomaly

72.6546, 0.3086, 0.2943

Tritanomaly

72.6011, 0.3227, 0.3037

Monochromacy



Original Color

72.7022, 0.3160, 0.2902

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.7891, 0.3141, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7022, 0.3160, 0.2902 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(250, 209, 248)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 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(250, 209, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 248) }
```

Border

The CSS property to change the border of an element to Yxy 72.7022, 0.3160, 0.2902 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(250, 209, 248) }
```

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

```
.border{ border-color:rgb(250, 209, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 248);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7022, 0.3160, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 248) }
```

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

```
.background{ background-color: rgb(250,  
209, 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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