

Converting Colors

Yxy(72.4811, 0.3187, 0.2942)

Have a look what the booklet for
Yxy(72.4811, 0.3187, 0.2942)
contains.

Yxy(72.4566, 0.3187, 0.2940)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.4566, 0.3187, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	FAD1F4
RGB	250, 209, 244
RGB Percent	98%, 82%, 96%
CMY	0.0198, 0.1803, 0.0430
CMYK	0.00, 0.16, 0.02, 0.02
HSL	309°, 80%, 90%
HSV	309°, 16%, 98%
XYZ	78.5439, 72.4566, 95.4505
YIQ	225.2490, 13.2010, 19.5770

Conversions

Conversions Part 2

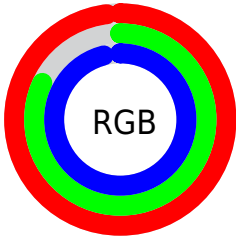
Format	Color
R _Y B	250, 209, 244
Decimal	16437748
CIE Lab	88.19, 20.12, -11.78
CIE LCh	88, 23.312, 329.654
Yxy	72.4566, 0.3187, 0.2940
Android (android.graphics.Color)	4294627828 (0xFFFAD1F4)
YUV	225.2490, 9.2442, 21.7066
Hunter-Lab	85.1214, 15.7444, -6.8995

Details

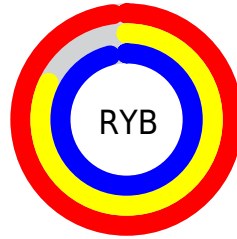
The Yxy color $72.4566, 0.3187, 0.2940$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.8050, 0.3073, 0.3667$, and the grayscale version is $75.4085, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.0795, 0.3196, 0.2855$ is the 20% darker color. If you saturate the color by 10%, you get $60.9222, 0.3230, 0.2720$, and if you desaturate by 10%, it is $85.9258, 0.3149, 0.3156$.

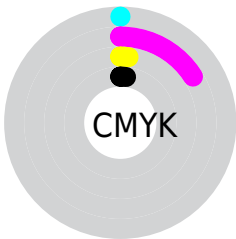
Distribution



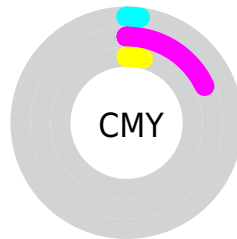
- Red (98%)
- Green (82%)
- Blue (96%)



- Red (98%)
- Yellow (82%)
- Blue (96%)



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




- Cyan (2%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4566, 0.3187, 0.2940 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 72.4566, 0.3187, 0.2940 by changing the saturation by 10% instead.

 72.4566, 0.3187,
0.2940

 72.4566, 0.3187,
0.2940


469.1293, 0.3161,
0.3097

 53.5318, 0.3192,
0.2905

122.7055, 0.3179,
0.2994

 38.2274, 0.3199,
0.2863


154.7983, 0.3175,
0.3015

 26.1593, 0.3207,
0.2809


192.0492, 0.3172,
0.3033

 16.9428, 0.3216,
0.2741

234.8426, 0.3169,
0.3049

 10.1937, 0.3228,
0.2651

283.5630, 0.3167,
0.3063

 5.5276, 0.3244,
0.2525

338.5946, 0.3165,

 2.5600, 0.3263,

0.3076

0.2339

400.3219, 0.3163,
0.3087

0.9066, 0.3286,
0.2037

0.0000, 0.3318,
0.0000

72.4566, 0.3187,
0.2940

72.4566, 0.3187,
0.2940

60.9222, 0.3230,
0.2720

85.9258, 0.3149,
0.3156

51.2236, 0.3278,
0.2504

98.8174, 0.3117,
0.3326

43.2674, 0.3330,
0.2299

99.0484, 0.3097,
0.3291

36.9482, 0.3385,
0.2116

99.0555, 0.3096,
0.3290

■ 32.1491, 0.3442,
0.1965

■ 28.7379, 0.3498,
0.1855

■ 26.5596, 0.3552,
0.1789

■ 25.4207, 0.3603,
0.1769

■ 25.1569, 0.3621,
0.1769

Harmonies

Analogous

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



72.4566, 0.2909, 0.2836



72.4566, 0.3187, 0.2940



72.4566, 0.3460, 0.3127

Triad

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



72.4566, 0.3187, 0.2940



72.4566, 0.3565, 0.3747



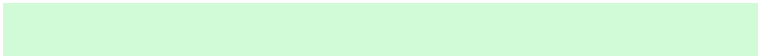
72.4566, 0.2636, 0.3185

Complementary

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



72.4566, 0.3187, 0.2940



86.8050, 0.3073, 0.3667

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.



72.4566, 0.2797, 0.3453



72.4566, 0.3187, 0.2940



72.4566, 0.3331, 0.3789

Square

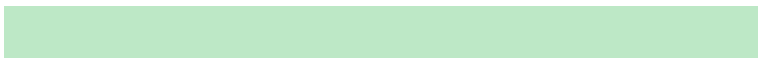
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



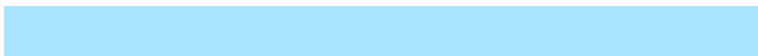
72.4566, 0.3187, 0.2940



72.4566, 0.3682, 0.3585



72.4566, 0.3049, 0.3681



72.4566, 0.2601, 0.2963

Rectangle

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



72.4566, 0.3187, 0.2940



72.4566, 0.3597, 0.3280



72.4566, 0.3049, 0.3681



72.4566, 0.2676, 0.3273

Sweetspot

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



72.4598, 0.3187, 0.2940



92.0147, 0.3144, 0.3185



66.8787, 0.2896, 0.2852



19.4639, 0.3147, 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.



72.4598, 0.3187, 0.2940



71.1988, 0.3202, 0.2860



71.3102, 0.3329, 0.3137



17.4788, 0.3160, 0.3090



13.3662, 0.3613, 0.1764



1.2494, 0.3558, 0.1733

Inverse Universe

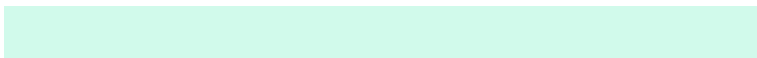
The Inverse Universe completely reimagines the original color for something new.



72.4598, 0.3187, 0.2940



71.1988, 0.3202, 0.2860



87.8962, 0.2960, 0.3448



17.4788, 0.3160, 0.3090



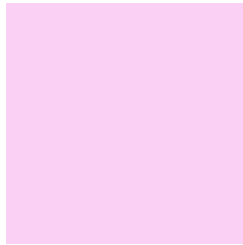
13.3662, 0.3613, 0.1764



1.2494, 0.3558, 0.1733

Previews

White Background



This preview shows how the Yxy color 72.4566, 0.3187, 0.2940 looks on a white background.

Color Contrast Check

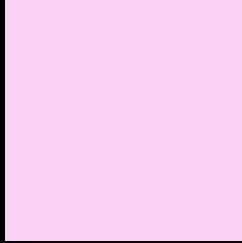
Large Text (above 18pt) WCAG AA × Fail

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 72.4566, 0.3187, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

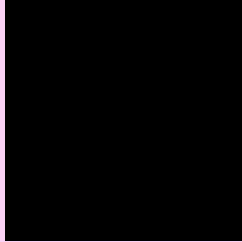
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.4566, 0.3187, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 72.4566, 0.3187, 0.2940.



This preview shows how white text looks on a background with the Yxy color 72.4566, 0.3187, 0.2940.

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

72.4566, 0.3187, 0.2940

Protanopia

72.9031, 0.2910, 0.2962

Deuteranopia

72.3956, 0.3070, 0.3000



Tritanopia

72.6449, 0.3283, 0.3127

Trichromacy



Original Color

72.4566, 0.3187, 0.2940

Protanomaly

72.5471, 0.3009, 0.2958

Deuteranomaly

72.4103, 0.3113, 0.2983

Tritanomaly

72.6688, 0.3249, 0.3057

Monochromacy



Original Color

72.4566, 0.3187, 0.2940

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

73.9817, 0.3148, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4566, 0.3187, 0.2940 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 244) }
```

Border

The CSS property to change the border of an element to Yxy 72.4566, 0.3187, 0.2940 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, 244) }
```

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

```
.border{ border-color:rgb(250, 209, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 244);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4566, 0.3187, 0.2940 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, 244) }
```

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

```
.background{ background-color: rgb(250,  
209, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor