

Converting Colors

Yxy(57.4390, 0.3473, 0.2947)

Have a look what the booklet for
Yxy(57.4390, 0.3473, 0.2947)
contains.

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Color

Yxy(57.5029, 0.3474, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	FBB3D4
RGB	251, 179, 212
RGB Percent	98%, 70%, 83%
CMY	0.0158, 0.2980, 0.1685
CMYK	0.00, 0.29, 0.16, 0.02
HSL	332°, 90%, 84%
HSV	332°, 29%, 98%
XYZ	67.7859, 57.5029, 69.8347
YIQ	204.2900, 32.3190, 25.5270

Conversions

Conversions Part 2

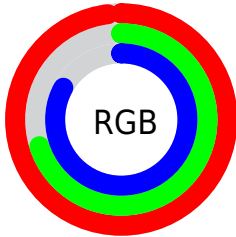
Format	Color
R _Y B	251, 179, 212
Decimal	16495572
CIE Lab	80.46, 30.94, -6.16
CIE LCh	80, 31.547, 348.731
Yxy	57.5029, 0.3474, 0.2947
Android (android.graphics.Color)	4294685652 (0xFFFBB3D4)
YUV	204.2900, 3.8010, 40.9647
Hunter-Lab	75.8307, 26.8595, -1.5204

Details

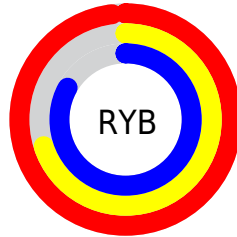
The Yxy color $57.5029, 0.3474, 0.2947$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $83.6287, 0.2879, 0.3662$, and the grayscale version is $60.5388, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $28.4390, 0.3564, 0.2862$ is the 20% darker color. If you saturate the color by 10%, you get $47.6863, 0.3645, 0.2823$, and if you desaturate by 10%, it is $69.2134, 0.3331, 0.3071$.

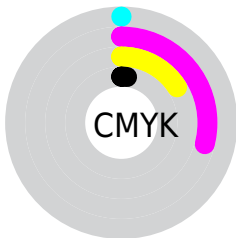
Distribution



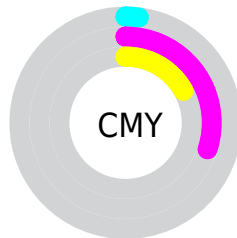
- Red (98%)
- Green (70%)
- Blue (83%)



- Red (98%)
- Yellow (70%)
- Blue (83%)



- Cyan (0%)
- Magenta (29%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5029, 0.3474, 0.2947 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 57.5029, 0.3474, 0.2947 by changing the saturation by 10% instead.


 57.5029, 0.3474,
0.2947

 57.5029, 0.3474,
0.2947


415.3311, 0.3309,
0.3108

 41.4091, 0.3513,
0.2910


 101.1986, 0.3416,
0.3003

 28.6389, 0.3562,
0.2863


129.5694, 0.3393,
0.3025

 18.8078, 0.3624,
0.2803


162.8012, 0.3374,
0.3044

 11.5315, 0.3708,
0.2725

201.2786, 0.3358,
0.3060

 6.4255, 0.3826,
0.2616

245.3859, 0.3343,
0.3074

 3.1055, 0.4003,
0.2456


295.5074, 0.3330,

 1.1871, 0.4296,


0.3087


0.2200

352.0277, 0.3319,
0.3098


 0.0511, 0.5992,
0.0381

 0.0000, 0.0000,
0.0000


 57.5029, 0.3474,
0.2947


 57.5029, 0.3474,
0.2947


 47.6863, 0.3645,
0.2823


 69.2134, 0.3331,
0.3071


 39.6547, 0.3846,
0.2707

 82.9030, 0.3213,
0.3191

 33.3007, 0.4077,
0.2607

 98.6615, 0.3115,
0.3305

 28.5013, 0.4334,
0.2537

 99.2461, 0.3102,
0.3290

■ 25.1171, 0.4608,
0.2510

■ 22.9828, 0.4883,
0.2535

■ 21.8615, 0.5143,
0.2613

■ 21.7475, 0.5177,
0.2625

Harmonies

Analogous

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



57.5029, 0.3056, 0.2722



57.5029, 0.3474, 0.2947



57.5029, 0.3810, 0.3255

Triad

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



57.5029, 0.3474, 0.2947



57.5029, 0.3554, 0.4026



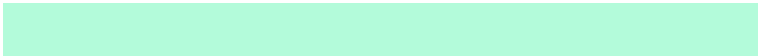
57.5029, 0.2369, 0.2908

Complementary

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



57.5029, 0.3474, 0.2947



83.6287, 0.2879, 0.3662

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.



57.5029, 0.2483, 0.3268



57.5029, 0.3474, 0.2947



57.5029, 0.3155, 0.3959

Square

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



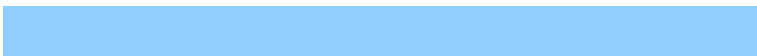
57.5029, 0.3474, 0.2947



57.5029, 0.3849, 0.3875



57.5029, 0.2765, 0.3669



57.5029, 0.2440, 0.2684

Rectangle

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



57.5029, 0.3474, 0.2947



57.5029, 0.3929, 0.3479



57.5029, 0.2765, 0.3669



57.5029, 0.2387, 0.3016

Sweetspot

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



57.5055, 0.3474, 0.2947



85.4471, 0.3216, 0.3187



54.0207, 0.2900, 0.2516



17.8209, 0.3232, 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.



57.5055, 0.3474, 0.2947



53.9341, 0.3562, 0.2880



56.9757, 0.3757, 0.3317



17.3577, 0.3222, 0.3182



11.4617, 0.5137, 0.2604



1.0827, 0.4848, 0.2444

Inverse Universe

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



57.5055, 0.3474, 0.2947



53.9341, 0.3562, 0.2880



84.0435, 0.2708, 0.3263



17.3577, 0.3222, 0.3182



11.4617, 0.5137, 0.2604



1.0827, 0.4848, 0.2444

Previews

White Background



This preview shows how the Yxy color 57.5029, 0.3474, 0.2947 looks on a white background.

Color Contrast Check

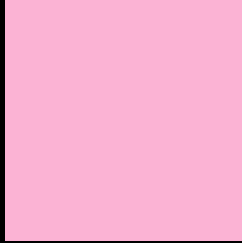
Large Text (above 18pt) WCAG AA × Fail

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 57.5029, 0.3474, 0.2947 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 57.5029, 0.3474, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 57.5029, 0.3474, 0.2947.



This preview shows how white text looks on a background with the Yxy color 57.5029, 0.3474, 0.2947.

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

57.5029, 0.3474, 0.2947

Protanopia

57.9644, 0.2930, 0.2998

Deuteranopia

57.6341, 0.3183, 0.3119



Tritanopia

57.5812, 0.3589, 0.3143

Trichromacy



Original Color

57.5029, 0.3474, 0.2947



Protanomaly

57.4655, 0.3110, 0.2975



Deuteranomaly

57.5423, 0.3285, 0.3058



Tritanomaly

57.6360, 0.3548, 0.3070

Monochromacy



Original Color

57.5029, 0.3474, 0.2947



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.9074, 0.3245, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5029, 0.3474, 0.2947 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(251, 179, 212)` looks like.

```
.text, #text, p{  
    color:rgb(251, 179, 212)  
}
```

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(251, 179, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 179, 212) }
```

Border

The CSS property to change the border of an element to Yxy 57.5029, 0.3474, 0.2947 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(251, 179, 212) }
```

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

```
.border{ border-color:rgb(251, 179, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 179, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 179, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 179, 212);  
box-shadow:4px 4px 4px 4px rgb(251, 179,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5029, 0.3474, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 179, 212) }
```

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

```
.background{ background-color: rgb(251,  
179, 212) }
```

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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