

Converting Colors

$Y_{xy}(77.3352, 0.3115, 0.2917)$

Have a look what the booklet for
Yxy(77.3352, 0.3115, 0.2917)
contains.

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Color

Yxy(77.3549, 0.3117, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	FBD9FF
RGB	251, 217, 255
RGB Percent	98%, 85%, 100%
CMY	0.0155, 0.1491, 0.0000
CMYK	0.02, 0.15, 0.00, 0.00
HSL	294°, 100%, 93%
HSV	294°, 15%, 100%
XYZ	82.6586, 77.3549, 105.1730
YIQ	231.4980, 8.0660, 19.0260

Conversions

Conversions Part 2

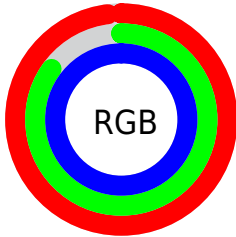
Format	Color
RYB	251, 217, 255
Decimal	16505343
CIELab	90.48, 18.27, -14.11
CIELCh	90, 23.085, 322.329
Yxy	77.3549, 0.3117, 0.2917
Android (android.graphics.Color)	4294695423 (0xFFFFBD9FF)
YUV	231.4980, 11.5865, 17.1033
Hunter-Lab	87.9516, 13.8424, -9.3331

Details

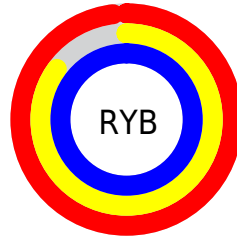
The Yxy color $77.3549, 0.3117, 0.2917$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.8838, 0.3133, 0.3687$, and the grayscale version is $80.2143, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.3872, 0.3112, 0.2839$ is the 20% darker color. If you saturate the color by 10%, you get $64.7264, 0.3107, 0.2658$, and if you desaturate by 10%, it is $92.0277, 0.3124, 0.3170$.

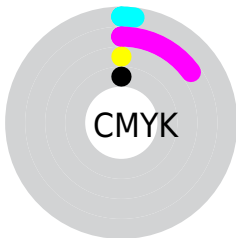
Distribution



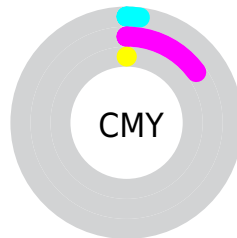
- Red (98%)
- Green (85%)
- Blue (100%)



- Red (98%)
- Yellow (85%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3549, 0.3117, 0.2917 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 77.3549, 0.3117, 0.2917 by changing the saturation by 10% instead.


 77.3549, 0.3117,
0.2917

 77.3549, 0.3117,
0.2917


485.9732, 0.3124,
0.3083

 57.5442, 0.3115,
0.2881

129.6403, 0.3120,
0.2973

 41.4423, 0.3112,
0.2837


162.8839, 0.3121,
0.2995

 28.6649, 0.3109,
0.2782

201.3738, 0.3121,
0.3015

 18.8274, 0.3104,
0.2713

245.4945, 0.3122,
0.3032

 11.5457, 0.3096,
0.2621

295.6304, 0.3123,
0.3047

 6.4351, 0.3083,
0.2496

352.1659, 0.3123,

 3.1114, 0.3060,

0.3060

0.2315

415.4854, 0.3123,
0.3072

■ 1.1902, 0.3012,
0.2030

■ 0.0537, 0.3111,
0.0336

■ 77.3549, 0.3117,
0.2917

■ 77.3549, 0.3117,
0.2917

■ 64.7264, 0.3107,
0.2658

■ 92.0277, 0.3124,
0.3170

■ 54.0392, 0.3094,
0.2402

99.9994, 0.3127,
0.3290

■ 45.1965, 0.3077,
0.2156

■ 38.0890, 0.3058,
0.1932

■ 32.5960, 0.3035,
0.1740

■ 28.5814, 0.3011,
0.1587

■ 25.8863, 0.2985,
0.1480

■ 24.3157, 0.2958,
0.1416

■ 23.8061, 0.2944,
0.1396

Harmonies

Analogous

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



77.3549, 0.2857, 0.2840



77.3549, 0.3117, 0.2917



77.3549, 0.3390, 0.3082

Triad

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



77.3549, 0.3117, 0.2917



77.3549, 0.3591, 0.3704



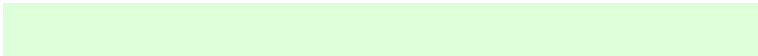
77.3549, 0.2678, 0.3251

Complementary

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



77.3549, 0.3117, 0.2917



91.8838, 0.3133, 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.



77.3549, 0.2861, 0.3508



77.3549, 0.3117, 0.2917



77.3549, 0.3387, 0.3776

Square

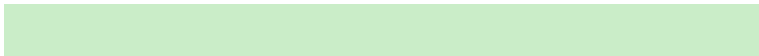
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3549, 0.3117, 0.2917



77.3549, 0.3670, 0.3526



77.3549, 0.3119, 0.3706



77.3549, 0.2613, 0.3019

Rectangle

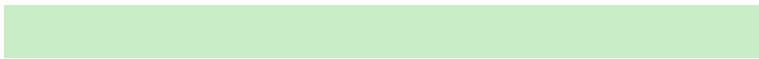
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3549, 0.3117, 0.2917



77.3549, 0.3539, 0.3225



77.3549, 0.3119, 0.3706



77.3549, 0.2727, 0.3338

Sweetspot

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



77.3582, 0.3117, 0.2917



93.4639, 0.3125, 0.3192



73.9055, 0.2887, 0.2938



19.7502, 0.3125, 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.



77.3582, 0.3117, 0.2917



73.2390, 0.3114, 0.2837



77.1945, 0.3243, 0.3059



18.1991, 0.3121, 0.3055



12.4790, 0.2949, 0.1398



1.2414, 0.2980, 0.1415

Inverse Universe

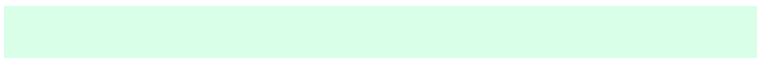
The Inverse Universe completely reimagines the original color for something new.



76.0947, 0.3379, 0.3251



71.7577, 0.3443, 0.3243



92.0649, 0.3027, 0.3533



18.0177, 0.3278, 0.3266



11.1587, 0.6283, 0.3235



1.0961, 0.6065, 0.3115

Previews

White Background



This preview shows how the Yxy color 77.3549, 0.3117, 0.2917 looks on a white background.

Color Contrast Check

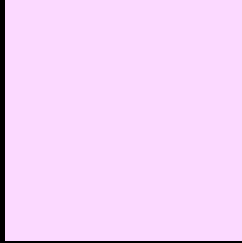
Large Text (above 18pt) WCAG AA × Fail

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 77.3549, 0.3117, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

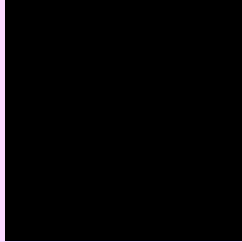
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

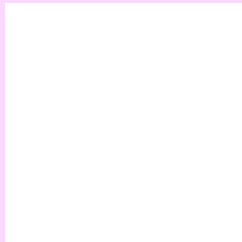
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3549, 0.3117, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 77.3549, 0.3117, 0.2917.

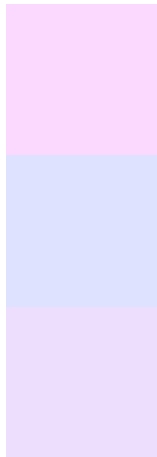


This preview shows how white text looks on a background with the Yxy color 77.3549, 0.3117, 0.2917.

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

77.3549, 0.3117, 0.2917

Protanopia

77.3007, 0.2927, 0.2990

Deuteranopia

77.5755, 0.3032, 0.2968



Tritanopia

77.2573, 0.3213, 0.3119

Trichromacy



Original Color

77.3549, 0.3117, 0.2917

Protanomaly

77.3190, 0.2993, 0.2965

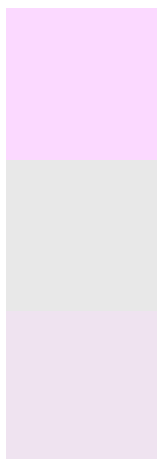
Deuteranomaly

77.3968, 0.3067, 0.2951

Tritanomaly

77.3344, 0.3174, 0.3041

Monochromacy



Original Color

77.3549, 0.3117, 0.2917

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.5802, 0.3126, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3549, 0.3117, 0.2917 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 217, 255)  
}
```

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, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 77.3549, 0.3117, 0.2917 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, 217, 255) }
```

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

```
.border{ border-color:rgb(251, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(251, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3549, 0.3117, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 217, 255) }
```

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

```
.background{ background-color: rgb(251,  
217, 255) }
```

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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