

Converting Colors

$Y_{xy}(77.3920, 0.3109, 0.2921)$

Have a look what the booklet for
Yxy(77.3920, 0.3109, 0.2921)
contains.

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Color

Yxy(77.1697, 0.3110, 0.2916)

Conversions

Conversions Part 1

Format	Color
Hex	FAD9FF
RGB	250, 217, 255
RGB Percent	98%, 85%, 100%
CMY	0.0194, 0.1491, 0.0000
CMYK	0.02, 0.15, 0.00, 0.00
HSL	292°, 100%, 93%
HSV	292°, 15%, 100%
XYZ	82.3038, 77.1697, 105.1689
YIQ	231.1990, 7.4700, 18.8140

Conversions

Conversions Part 2

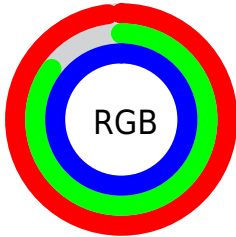
Format	Color
R _Y B	250, 217, 255
Decimal	16439807
CIE Lab	90.40, 17.95, -14.25
CIE LCh	90, 22.924, 321.559
Yxy	77.1697, 0.3110, 0.2916
Android (android.graphics.Color)	4294629887 (0xFFFAD9FF)
YUV	231.1990, 11.7339, 16.4885
Hunter-Lab	87.8463, 13.5068, -9.4891

Details

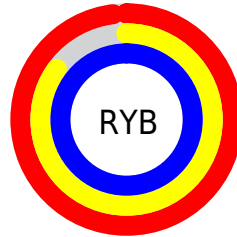
The Yxy color $77.1697, 0.3110, 0.2916$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $92.0461, 0.3139, 0.3686$, and the grayscale version is $79.9798, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.2553, 0.3103, 0.2838$ is the 20% darker color. If you saturate the color by 10%, you get $64.4215, 0.3094, 0.2656$, and if you desaturate by 10%, it is $91.9654, 0.3122, 0.3170$.

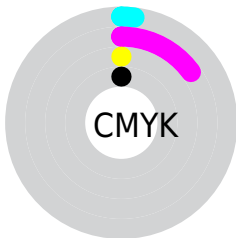
Distribution



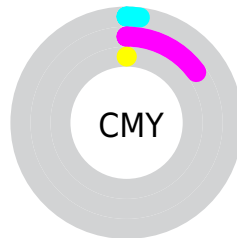
- Red (98%)
- Green (85%)
- Blue (100%)



- 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 77.1697, 0.3110, 0.2916 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 77.1697, 0.3110, 0.2916 by changing the saturation by 10% instead.


 77.1697, 0.3110,
0.2916

 77.1697, 0.3110,
0.2916


485.3424, 0.3120,
0.3082

 57.3922, 0.3107,
0.2880


129.3790, 0.3114,
0.2972

 41.3202, 0.3104,
0.2835


162.5796, 0.3115,
0.2995

 28.5694, 0.3099,
0.2781


201.0232, 0.3116,
0.3014

 18.7553, 0.3092,
0.2711

245.0945, 0.3117,
0.3031

 11.4936, 0.3083,
0.2619

295.1776, 0.3118,
0.3046

 6.3999, 0.3067,
0.2493

351.6570, 0.3119,

 3.0897, 0.3040,

0.3059

0.2311

414.9172, 0.3119,
0.3071

■ 1.1787, 0.2986,
0.2024

■ 0.0442, 0.3057,
0.0282

■ 77.1697, 0.3110,
0.2916

■ 77.1697, 0.3110,
0.2916

■ 64.4215, 0.3094,
0.2656

■ 91.9654, 0.3122,
0.3170

■ 53.6190, 0.3075,
0.2396

100.0000, 0.3127,
0.3290

■ 44.6649, 0.3051,
0.2147

■ 37.4500, 0.3024,
0.1918

■ 31.8535, 0.2994,
0.1721

■ 27.7391, 0.2962,
0.1563

■ 24.9480, 0.2928,
0.1450

■ 23.2850, 0.2894,
0.1381

■ 22.7302, 0.2877,
0.1358

Harmonies

Analogous

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



77.1697, 0.2853, 0.2842



77.1697, 0.3110, 0.2916



77.1697, 0.3382, 0.3078

Triad

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



77.1697, 0.3110, 0.2916



77.1697, 0.3592, 0.3698



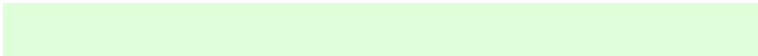
77.1697, 0.2684, 0.3258

Complementary

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



77.1697, 0.3110, 0.2916



92.0461, 0.3139, 0.3686

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.



77.1697, 0.2868, 0.3513



77.1697, 0.3110, 0.2916



77.1697, 0.3392, 0.3773

Square

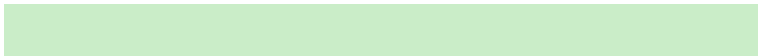
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1697, 0.3110, 0.2916



77.1697, 0.3667, 0.3520



77.1697, 0.3126, 0.3707



77.1697, 0.2616, 0.3025

Rectangle

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



77.1697, 0.3110, 0.2916



77.1697, 0.3532, 0.3219



77.1697, 0.3126, 0.3707



77.1697, 0.2734, 0.3344

Sweetspot

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



77.1727, 0.3110, 0.2916



93.4134, 0.3123, 0.3192



74.2396, 0.2887, 0.2944



19.7374, 0.3122, 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.



77.1727, 0.3110, 0.2916



73.0167, 0.3106, 0.2836



77.2317, 0.3238, 0.3052



18.1737, 0.3117, 0.3054



11.9237, 0.2883, 0.1362



1.1929, 0.2922, 0.1383

Inverse Universe

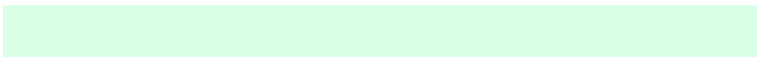
The Inverse Universe completely reimagines the original color for something new.



76.1470, 0.3372, 0.3241



71.8195, 0.3434, 0.3230



92.0344, 0.3030, 0.3540



18.0255, 0.3274, 0.3259



11.1783, 0.6238, 0.3210



1.0998, 0.5987, 0.3072

Previews

White Background



This preview shows how the Yxy color 77.1697, 0.3110, 0.2916 looks on a white background.

Color Contrast Check

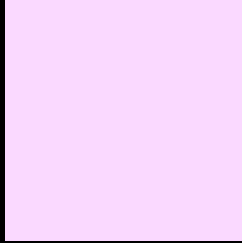
Large Text (above 18pt) WCAG AA × Fail

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 77.1697, 0.3110, 0.2916 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

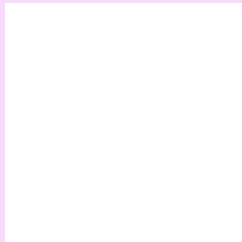
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.1697, 0.3110, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 77.1697, 0.3110, 0.2916.

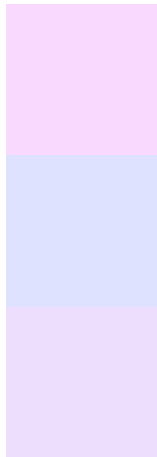


This preview shows how white text looks on a background with the Yxy color 77.1697, 0.3110, 0.2916.

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

77.1697, 0.3110, 0.2916

Protanopia

77.3007, 0.2927, 0.2990

Deuteranopia

77.4028, 0.3026, 0.2967



Tritanopia

77.0750, 0.3206, 0.3119

Trichromacy



Original Color

77.1697, 0.3110, 0.2916

Protanomaly

77.3190, 0.2993, 0.2965

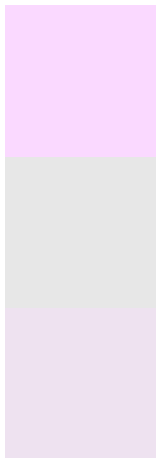
Deuteranomaly

77.2194, 0.3060, 0.2950

Tritanomaly

77.1511, 0.3167, 0.3040

Monochromacy



Original Color

77.1697, 0.3110, 0.2916

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.8611, 0.3120, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1697, 0.3110, 0.2916 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 77.1697, 0.3110, 0.2916 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, 217, 255) }
```

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

```
.border{ border-color:rgb(250, 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(250, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1697, 0.3110, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 255) }
```

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

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