

Converting Colors

$Y_{xy}(113.3165, 0.4122, 0.3055)$

Have a look what the booklet for
Yxy(113.3165, 0.4122, 0.3055)
contains.

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Color

Yxy(77.3368, 0.3172, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8FB
RGB	255, 216, 251
RGB Percent	100%, 85%, 98%
CMY	0.0000, 0.1529, 0.0158
CMYK	0.00, 0.15, 0.02, 0.00
HSL	306°, 100%, 92%
HSV	306°, 15%, 100%
XYZ	83.2131, 77.3368, 101.7866
YIQ	231.6510, 12.0090, 19.1530

Conversions

Conversions Part 2

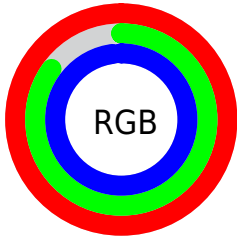
Format	Color
R _Y B	255, 216, 251
Decimal	16767227
CIE Lab	90.48, 19.37, -11.98
CIE LCh	90, 22.776, 328.274
Yxy	77.3368, 0.3172, 0.2948
Android (android.graphics.Color)	4294957307 (0xFFFFD8FB)
YUV	231.6510, 9.5391, 20.4771
Hunter-Lab	87.9413, 15.0055, -7.0655

Details

The Yxy color $77.3368, 0.3172, 0.2948$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.2872, 0.3085, 0.3658$, and the grayscale version is $80.3385, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.3905, 0.3183, 0.2879$ is the 20% darker color. If you saturate the color by 10%, you get $65.1018, 0.3205, 0.2719$, and if you desaturate by 10%, it is $91.5966, 0.3142, 0.3174$.

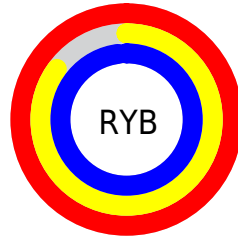
Distribution



Red (100%)

Green (85%)

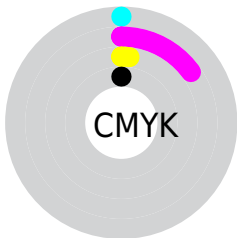
Blue (98%)



Red (100%)

Yellow (85%)

Blue (98%)

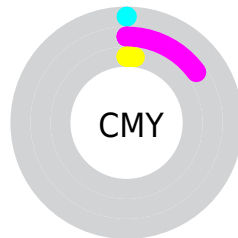


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3368, 0.3172, 0.2948 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 77.3368, 0.3172, 0.2948 by changing the saturation by 10% instead.


 77.3368, 0.3172,
0.2948

 77.3368, 0.3172,
0.2948


485.9116, 0.3153,
0.3100

 57.5293, 0.3176,
0.2915


129.6148, 0.3166,
0.3000

 41.4304, 0.3180,
0.2874


162.8541, 0.3164,
0.3020

 28.6555, 0.3185,
0.2824


201.3395, 0.3161,
0.3038

 18.8204, 0.3192,
0.2760

245.4554, 0.3159,
0.3053

 11.5406, 0.3199,
0.2675

295.5862, 0.3158,
0.3067

 6.4317, 0.3209,
0.2559

352.1162, 0.3156,

 3.1093, 0.3219,

0.3079

0.2390

415.4299, 0.3155,
0.3090

■ 1.1891, 0.3229,
0.2122

■ 0.0527, 0.3557,
0.0359

■ 77.3368, 0.3172,
0.2948

■ 77.3368, 0.3172,
0.2948

■ 65.1018, 0.3205,
0.2719

■ 91.5966, 0.3142,
0.3174

■ 54.8058, 0.3242,
0.2493

100.0000, 0.3127,
0.3290

■ 46.3458, 0.3282,
0.2279

■ 39.6122, 0.3322,
0.2087

■ 34.4838, 0.3364,
0.1928

■ 30.8237, 0.3404,
0.1808

■ 28.4720, 0.3442,
0.1733

■ 27.2316, 0.3478,
0.1702

■ 26.8994, 0.3493,
0.1698

Harmonies

Analogous

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



77.3368, 0.2907, 0.2853



77.3368, 0.3172, 0.2948



77.3368, 0.3434, 0.3125

Triad

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



77.3368, 0.3172, 0.2948



77.3368, 0.3554, 0.3722



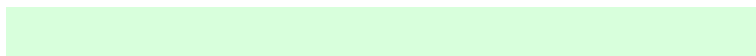
77.3368, 0.2661, 0.3202

Complementary

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



77.3368, 0.3172, 0.2948



91.2872, 0.3085, 0.3658

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.



77.3368, 0.2821, 0.3457



77.3368, 0.3172, 0.2948



77.3368, 0.3334, 0.3767

Square

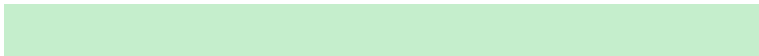
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3368, 0.3172, 0.2948



77.3368, 0.3659, 0.3564



77.3368, 0.3065, 0.3670



77.3368, 0.2621, 0.2986

Rectangle

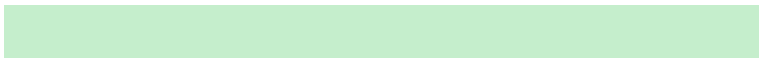
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3368, 0.3172, 0.2948



77.3368, 0.3569, 0.3270



77.3368, 0.3065, 0.3670



77.3368, 0.2702, 0.3286

Sweetspot

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



77.3343, 0.3172, 0.2948



92.0487, 0.3141, 0.3180



71.5307, 0.2904, 0.2882



19.4722, 0.3143, 0.3165



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.



77.3343, 0.3172, 0.2948



73.8287, 0.3181, 0.2886



76.1743, 0.3305, 0.3135



18.2662, 0.3154, 0.3080



14.0687, 0.3488, 0.1695



1.3787, 0.3452, 0.1675

Inverse Universe

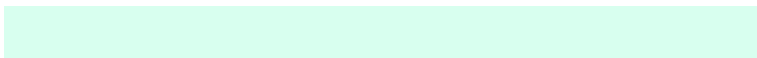
The Inverse Universe completely reimagines the original color for something new.



77.3343, 0.3172, 0.2948



73.8287, 0.3181, 0.2886



92.3743, 0.2978, 0.3451



18.2662, 0.3154, 0.3080



14.0687, 0.3488, 0.1695



1.3787, 0.3452, 0.1675

Previews

White Background



This preview shows how the Yxy color 77.3368, 0.3172, 0.2948 looks on a white background.

Color Contrast Check

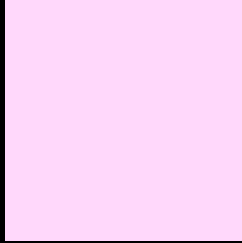
Large Text (above 18pt) WCAG AA × Fail

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 77.3368, 0.3172, 0.2948 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

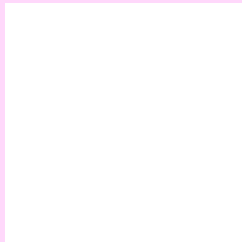
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3368, 0.3172, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 77.3368, 0.3172, 0.2948.

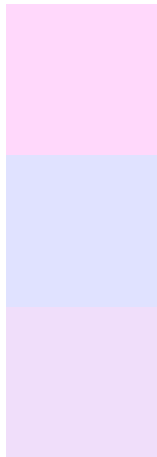


This preview shows how white text looks on a background with the Yxy color 77.3368, 0.3172, 0.2948.

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

77.3368, 0.3172, 0.2948

Protanopia

77.4600, 0.2934, 0.2991

Deuteranopia

77.6699, 0.3071, 0.3008



Tritanopia

77.6018, 0.3257, 0.3121

Trichromacy



Original Color

77.3368, 0.3172, 0.2948

Protanomaly

77.0605, 0.3012, 0.2966

Deuteranomaly

77.5010, 0.3106, 0.2990

Tritanomaly

77.5645, 0.3231, 0.3063

Monochromacy



Original Color

77.3368, 0.3172, 0.2948

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.1500, 0.3140, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3368, 0.3172, 0.2948 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(255, 216, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 251)  
}
```

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(255, 216, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 251) }
```

Border

The CSS property to change the border of an element to Yxy 77.3368, 0.3172, 0.2948 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(255, 216, 251) }
```

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

```
.border{ border-color:rgb(255, 216, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3368, 0.3172, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 251) }
```

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

```
.background{ background-color: rgb(255,  
216, 251) }
```

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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