

Converting Colors

$Y_{xy}(90.8724, 0.3615, 0.3004)$

Have a look what the booklet for
Yxy(90.8724, 0.3615, 0.3004)
contains.

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Color

Yxy(77.2739, 0.3178, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8FA
RGB	255, 216, 250
RGB Percent	100%, 85%, 98%
CMY	0.0001, 0.1529, 0.0195
CMYK	0.00, 0.15, 0.02, 0.00
HSL	308°, 100%, 92%
HSV	308°, 15%, 100%
XYZ	83.0492, 77.2739, 101.0022
YIQ	231.5370, 12.3300, 18.8420

Conversions

Conversions Part 2

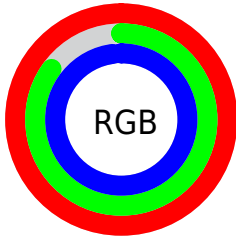
Format	Color
R _Y B	255, 216, 250
Decimal	16767226
CIE Lab	90.45, 19.18, -11.52
CIE LCh	90, 22.378, 329.007
Yxy	77.2739, 0.3178, 0.2957
Android (android.graphics.Color)	4294957306 (0xFFFFD8FA)
YUV	231.5370, 9.1023, 20.5771
Hunter-Lab	87.9056, 14.8039, -6.5895

Details

The Yxy color $77.2739, 0.3178, 0.2957$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.3276, 0.3080, 0.3647$, and the grayscale version is $80.2579, 0.3127, 0.3290$.

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 $65.0078, 0.3217, 0.2733$, and if you desaturate by 10%, it is $91.5775, 0.3144, 0.3177$.

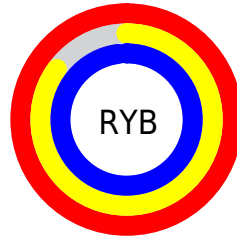
Distribution



Red (100%)

Green (85%)

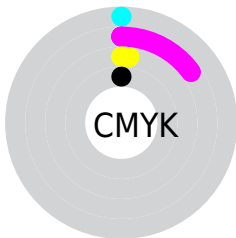
Blue (98%)



Red (100%)

Yellow (85%)

Blue (98%)

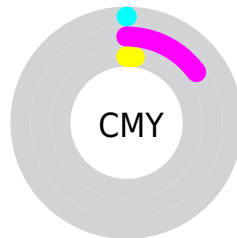


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2739, 0.3178, 0.2957 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 77.2739, 0.3178, 0.2957 by changing the saturation by 10% instead.


 77.2739, 0.3178,
0.2957

 77.2739, 0.3178,
0.2957


485.6974, 0.3157,
0.3105

 57.4777, 0.3182,
0.2924


129.5260, 0.3171,
0.3007

 41.3889, 0.3188,
0.2885


162.7508, 0.3168,
0.3027

 28.6231, 0.3194,
0.2836


201.2205, 0.3166,
0.3045

 18.7959, 0.3202,
0.2773

245.3196, 0.3163,
0.3060

 11.5229, 0.3211,
0.2691

295.4324, 0.3161,
0.3073

 6.4197, 0.3223,
0.2577

351.9434, 0.3160,

 3.1019, 0.3238,

0.3085

0.2411

415.2369, 0.3158,
0.3096

■ 1.1852, 0.3255,
0.2148

■ 0.0495, 0.3618,
0.0348

■ 77.2739, 0.3178,
0.2957

■ 77.2739, 0.3178,
0.2957

■ 65.0078, 0.3217,
0.2733

■ 91.5775, 0.3144,
0.3177

■ 54.6757, 0.3260,
0.2512

99.9966, 0.3127,
0.3290

■ 46.1807, 0.3306,
0.2302

■ 39.4131, 0.3355,
0.2114

■ 34.2517, 0.3405,
0.1957

■ 30.5596, 0.3454,
0.1840

■ 28.1772, 0.3502,
0.1768

■ 26.9071, 0.3546,
0.1740

■ 26.5610, 0.3566,
0.1738

Harmonies

Analogous

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



77.2739, 0.2917, 0.2861



77.2739, 0.3178, 0.2957



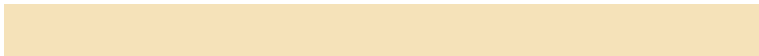
77.2739, 0.3435, 0.3133

Triad

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



77.2739, 0.3178, 0.2957



77.2739, 0.3542, 0.3717



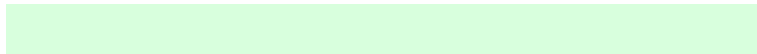
77.2739, 0.2666, 0.3197

Complementary

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



77.2739, 0.3178, 0.2957



91.3276, 0.3080, 0.3647

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.



77.2739, 0.2821, 0.3448



77.2739, 0.3178, 0.2957



77.2739, 0.3324, 0.3758

Square

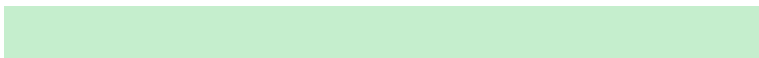
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



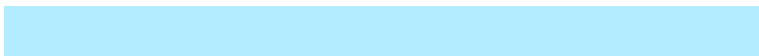
77.2739, 0.3178, 0.2957



77.2739, 0.3649, 0.3564



77.2739, 0.3060, 0.3660



77.2739, 0.2630, 0.2987

Rectangle

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



77.2739, 0.3178, 0.2957



77.2739, 0.3565, 0.3276



77.2739, 0.3060, 0.3660



77.2739, 0.2706, 0.3280

Sweetspot

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



77.2773, 0.3178, 0.2957



92.0292, 0.3143, 0.3183



71.6383, 0.2909, 0.2882



19.4674, 0.3145, 0.3168



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.



77.2773, 0.3178, 0.2957



73.7599, 0.3188, 0.2896



76.1401, 0.3309, 0.3141



18.2583, 0.3158, 0.3085



13.8965, 0.3559, 0.1734



1.3637, 0.3514, 0.1709

Inverse Universe

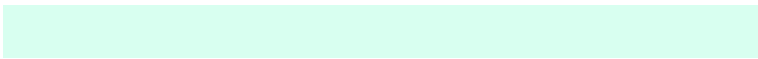
The Inverse Universe completely reimagines the original color for something new.



77.2773, 0.3178, 0.2957



73.7599, 0.3188, 0.2896



92.4028, 0.2975, 0.3444



18.2583, 0.3158, 0.3085



13.8965, 0.3559, 0.1734



1.3637, 0.3514, 0.1709

Previews

White Background



This preview shows how the Yxy color 77.2739, 0.3178, 0.2957 looks on a white background.

Color Contrast Check

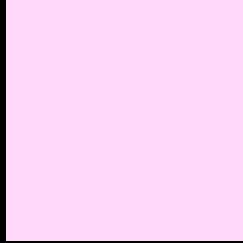
Large Text (above 18pt) WCAG AA × Fail

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 77.2739, 0.3178, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

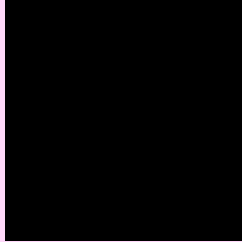
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.2739, 0.3178, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 77.2739, 0.3178, 0.2957.



This preview shows how white text looks on a background with the Yxy color 77.2739, 0.3178, 0.2957.

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

77.2739, 0.3178, 0.2957

Protanopia

77.4600, 0.2934, 0.2991

Deuteranopia

77.6074, 0.3078, 0.3017



Tritanopia

77.0816, 0.3258, 0.3111

Trichromacy



Original Color

77.2739, 0.3178, 0.2957

Protanomaly

76.9966, 0.3018, 0.2975

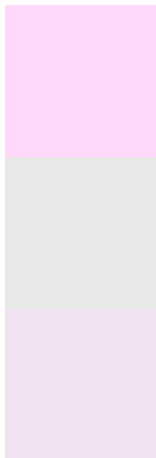
Deuteranomaly

77.4384, 0.3113, 0.3000

Tritanomaly

77.0474, 0.3231, 0.3053

Monochromacy



Original Color

77.2739, 0.3178, 0.2957

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 77.2739, 0.3178, 0.2957 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 250) }
```

Border

The CSS property to change the border of an element to Yxy 77.2739, 0.3178, 0.2957 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, 250) }
```

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

```
.border{ border-color:rgb(255, 216, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2739, 0.3178, 0.2957 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, 250) }
```

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

```
.background{ background-color: rgb(255,  
216, 250) }
```

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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