

Converting Colors

$Y_{xy}(74.0788, 0.3262, 0.3019)$

Have a look what the booklet for
Yxy(74.0788, 0.3262, 0.3019)
contains.

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Color

Yxy(74.0216, 0.3265, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3EE
RGB	255, 211, 238
RGB Percent	100%, 83%, 93%
CMY	0.0000, 0.1726, 0.0667
CMYK	0.00, 0.17, 0.07, 0.00
HSL	323°, 100%, 91%
HSV	323°, 17%, 100%
XYZ	79.9737, 74.0216, 90.9471
YIQ	227.2340, 17.5570, 17.7250

Conversions

Conversions Part 2

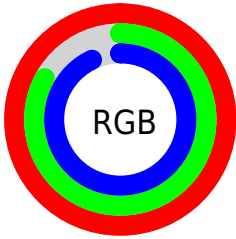
Format	Color
R _Y B	255, 211, 238
Decimal	16765934
CIE Lab	88.93, 19.74, -7.43
CIE LCh	89, 21.091, 339.360
Yxy	74.0216, 0.3265, 0.3022
Android (android.graphics.Color)	4294956014 (0xFFFFD3EE)
YUV	227.2340, 5.3076, 24.3508
Hunter-Lab	86.0358, 15.3602, -2.4495

Details

The Yxy color **74.0216, 0.3265, 0.3022** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.9704, 0.3011, 0.3574**, and the grayscale version is **76.9418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1601, 0.3297, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **61.7738, 0.3365, 0.2859**, and if you desaturate by 10%, it is **88.3043, 0.3180, 0.3180**.

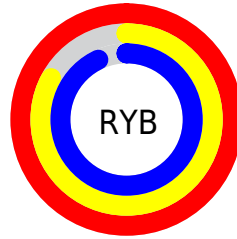
Distribution



Red (100%)

Green (83%)

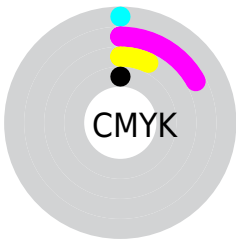
Blue (93%)



Red (100%)

Yellow (83%)

Blue (93%)

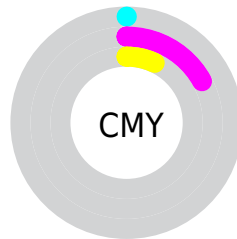


Cyan (0%)

Magenta (17%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0216, 0.3265, 0.3022 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 74.0216, 0.3265, 0.3022 by changing the saturation by 10% instead.


 74.0216, 0.3265,
0.3022

 74.0216, 0.3265,
0.3022


474.5479, 0.3203,
0.3143

 54.8117, 0.3279,
0.2995


124.9264, 0.3244,
0.3063

 39.2510, 0.3296,
0.2962


157.3902, 0.3235,
0.3080

 26.9550, 0.3317,
0.2921


195.0406, 0.3228,
0.3094

 17.5395, 0.3344,
0.2868

238.2622, 0.3222,
0.3106

 10.6199, 0.3381,
0.2798

287.4394, 0.3216,
0.3117

 5.8118, 0.3432,
0.2699

342.9564, 0.3211,

 2.7310, 0.3509,

0.3127

0.2552

405.1978, 0.3207,
0.3135

0.9930, 0.3637,
0.2308

0.0000, 0.4858,
0.0000

74.0216, 0.3265,
0.3022

74.0216, 0.3265,
0.3022

61.7738, 0.3365,
0.2859

88.3043, 0.3180,
0.3180

51.4757, 0.3483,
0.2696

100.0000, 0.3127,
0.3290

43.0213, 0.3619,
0.2541

36.2984, 0.3772,
0.2404

■ 31.1827, 0.3939,
0.2295

■ 27.5329, 0.4116,
0.2228

■ 25.1828, 0.4295,
0.2211

■ 23.9183, 0.4470,
0.2247

■ 23.6734, 0.4517,
0.2262

Harmonies

Analogous

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



74.0216, 0.3009, 0.2900



74.0216, 0.3265, 0.3022



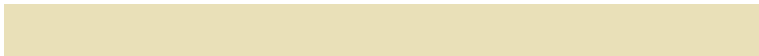
74.0216, 0.3491, 0.3209

Triad

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



74.0216, 0.3265, 0.3022



74.0216, 0.3462, 0.3726



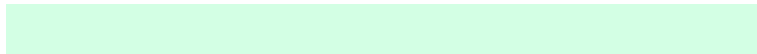
74.0216, 0.2660, 0.3125

Complementary

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



74.0216, 0.3265, 0.3022



90.9704, 0.3011, 0.3574

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.



74.0216, 0.2772, 0.3359



74.0216, 0.3265, 0.3022



74.0216, 0.3231, 0.3719

Square

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



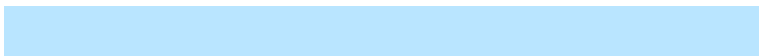
74.0216, 0.3265, 0.3022



74.0216, 0.3606, 0.3613



74.0216, 0.2978, 0.3582



74.0216, 0.2668, 0.2950

Rectangle

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



74.0216, 0.3265, 0.3022



74.0216, 0.3590, 0.3352



74.0216, 0.2978, 0.3582



74.0216, 0.2685, 0.3199

Sweetspot

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



74.0184, 0.3265, 0.3022



91.8197, 0.3163, 0.3215



70.2781, 0.2957, 0.2835



19.4164, 0.3168, 0.3204



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.



74.0184, 0.3265, 0.3022



69.2007, 0.3300, 0.2961



72.8109, 0.3423, 0.3239



18.1743, 0.3198, 0.3145



12.4000, 0.4490, 0.2247



1.2288, 0.4304, 0.2145

Inverse Universe

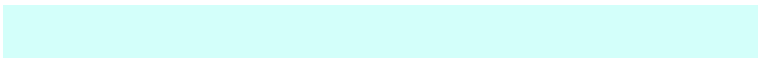
The Inverse Universe completely reimagines the original color for something new.



74.0184, 0.3265, 0.3022



69.2007, 0.3300, 0.2961



92.2620, 0.2893, 0.3342



18.1743, 0.3198, 0.3145



12.4000, 0.4490, 0.2247



1.2288, 0.4304, 0.2145

Previews

White Background



This preview shows how the Yxy color 74.0216, 0.3265, 0.3022 looks on a white background.

Color Contrast Check

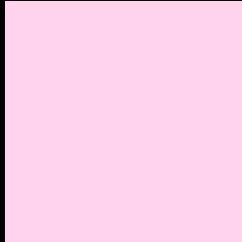
Large Text (above 18pt) WCAG AA × Fail

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 74.0216, 0.3265, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

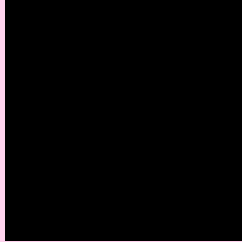
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0216, 0.3265, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 74.0216, 0.3265, 0.3022.



This preview shows how white text looks on a background with the Yxy color 74.0216, 0.3265, 0.3022.

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

74.0216, 0.3265, 0.3022

Protanopia

74.2073, 0.2974, 0.3047

Deuteranopia

74.0909, 0.3151, 0.3084



Tritanopia

73.8149, 0.3320, 0.3120

Trichromacy



Original Color

74.0216, 0.3265, 0.3022

Protanomaly

73.8773, 0.3075, 0.3041

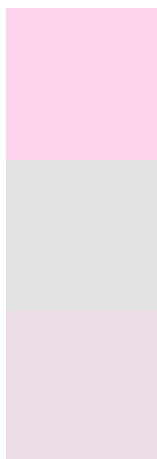
Deuteranomaly

74.1278, 0.3195, 0.3067

Tritanomaly

73.9840, 0.3299, 0.3090

Monochromacy



Original Color

74.0216, 0.3265, 0.3022

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.4869, 0.3175, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0216, 0.3265, 0.3022 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, 211, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 238)  
}
```

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, 211, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 238) }
```

Border

The CSS property to change the border of an element to Yxy 74.0216, 0.3265, 0.3022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

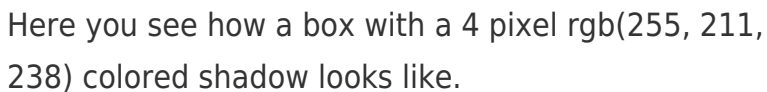
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 211, 238) }
```

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

```
.border{ border-color:rgb(255, 211, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 211, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 211, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 211, 238); box-shadow:4px 4px 4px 4px rgb(255, 211, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0216, 0.3265, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 238) }
```

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

```
.background{ background-color: rgb(255,  
211, 238) }
```

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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