

Converting Colors

$Y_{xy}(80.0426, 0.3405, 0.2977)$

Have a look what the booklet for
Yxy(80.0426, 0.3405, 0.2977)
contains.

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Color

Yxy(74.4411, 0.3216, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3F5
RGB	255, 211, 245
RGB Percent	100%, 83%, 96%
CMY	0.0000, 0.1725, 0.0393
CMYK	0.00, 0.17, 0.04, 0.00
HSL	314°, 100%, 91%
HSV	314°, 17%, 100%
XYZ	81.0161, 74.4411, 96.4585
YIQ	228.0320, 15.3100, 19.9020

Conversions

Conversions Part 2

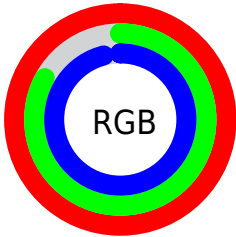
Format	Color
R _Y B	255, 211, 245
Decimal	16765941
CIE Lab	89.13, 20.93, -10.82
CIE LCh	89, 23.560, 332.651
Yxy	74.4411, 0.3216, 0.2955
Android (android.graphics.Color)	4294956021 (0xFFFFD3F5)
YUV	228.0320, 8.3652, 23.6509
Hunter-Lab	86.2793, 16.6226, -5.8896

Details

The Yxy color **74.4411, 0.3216, 0.2955** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.5918, 0.3049, 0.3650**, and the grayscale version is **77.5351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4568, 0.3232, 0.2875** is the 20% darker color. If you saturate the color by 10%, you get **62.4102, 0.3279, 0.2754**, and if you desaturate by 10%, it is **88.4927, 0.3162, 0.3152**.

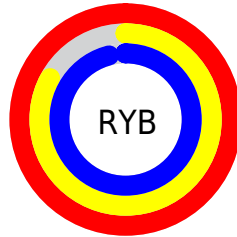
Distribution



Red (100%)

Green (83%)

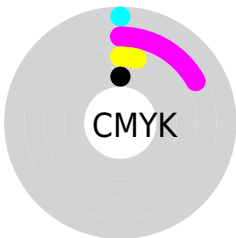
Blue (96%)



Red (100%)

Yellow (83%)

Blue (96%)

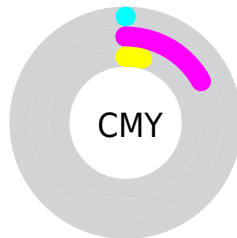


Cyan (0%)

Magenta (17%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4411, 0.3216, 0.2955 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 74.4411, 0.3216, 0.2955 by changing the saturation by 10% instead.


 74.4411, 0.3216,
0.2955

 74.4411, 0.3216,
0.2955


475.9944, 0.3177,
0.3105

 55.1551, 0.3224,
0.2922


125.5209, 0.3203,
0.3006

 39.5259, 0.3235,
0.2881


158.0835, 0.3198,
0.3026

 27.1691, 0.3247,
0.2831


195.8405, 0.3193,
0.3044

 17.7003, 0.3263,
0.2767

239.1762, 0.3189,
0.3059

 10.7350, 0.3283,
0.2682

288.4751, 0.3186,
0.3073

 5.8889, 0.3311,
0.2564

344.1214, 0.3182,

 2.7777, 0.3349,

0.3085

0.2390

406.4997, 0.3180,
0.3095

1.0168, 0.3406,
0.2110

0.0000, 0.3915,
0.0000

74.4411, 0.3216,
0.2955

74.4411, 0.3216,
0.2955

62.4102, 0.3279,
0.2754

88.4927, 0.3162,
0.3152

52.3056, 0.3350,
0.2555

100.0000, 0.3127,
0.3290

44.0249, 0.3429,
0.2367

37.4566, 0.3515,
0.2200

■ 32.4765, 0.3606,
0.2063

■ 28.9438, 0.3698,
0.1968

■ 26.6929, 0.3790,
0.1919

■ 25.5103, 0.3877,
0.1918

■ 25.2847, 0.3901,
0.1923

Harmonies

Analogous

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



74.4411, 0.2934, 0.2841



74.4411, 0.3216, 0.2955



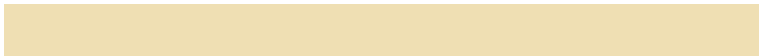
74.4411, 0.3484, 0.3149

Triad

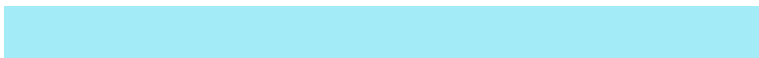
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4411, 0.3216, 0.2955



74.4411, 0.3546, 0.3758



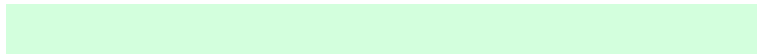
74.4411, 0.2625, 0.3159

Complementary

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



74.4411, 0.3216, 0.2955



90.5918, 0.3049, 0.3650

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.



74.4411, 0.2775, 0.3426



74.4411, 0.3216, 0.2955



74.4411, 0.3304, 0.3785

Square

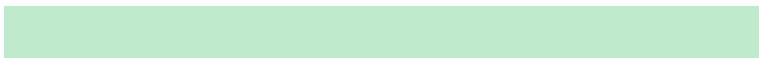
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4411, 0.3216, 0.2955



74.4411, 0.3678, 0.3605



74.4411, 0.3021, 0.3663



74.4411, 0.2604, 0.2945

Rectangle

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



74.4411, 0.3216, 0.2955



74.4411, 0.3614, 0.3303



74.4411, 0.3021, 0.3663



74.4411, 0.2662, 0.3246

Sweetspot

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



74.4410, 0.3216, 0.2955



91.9474, 0.3150, 0.3195



69.1098, 0.2907, 0.2828



19.4475, 0.3154, 0.3182



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.



74.4410, 0.3216, 0.2955



69.7018, 0.3238, 0.2880



73.2034, 0.3369, 0.3165



18.2253, 0.3173, 0.3108



13.2357, 0.3887, 0.1915



1.3052, 0.3794, 0.1864

Inverse Universe

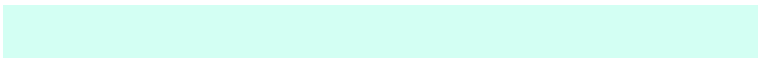
The Inverse Universe completely reimagines the original color for something new.



74.4410, 0.3216, 0.2955



69.7018, 0.3238, 0.2880



91.8124, 0.2932, 0.3419



18.2253, 0.3173, 0.3108



13.2357, 0.3887, 0.1915



1.3052, 0.3794, 0.1864

Previews

White Background



This preview shows how the Yxy color 74.4411, 0.3216, 0.2955 looks on a white background.

Color Contrast Check

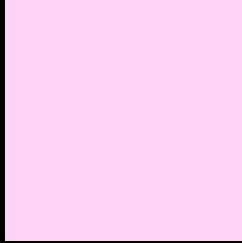
Large Text (above 18pt) WCAG AA × Fail

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 74.4411, 0.3216, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

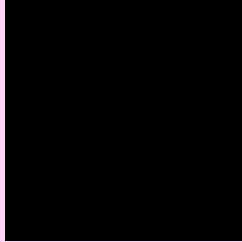
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4411, 0.3216, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 74.4411, 0.3216, 0.2955.



This preview shows how white text looks on a background with the Yxy color 74.4411, 0.3216, 0.2955.

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

74.4411, 0.3216, 0.2955

Protanopia

74.4865, 0.2925, 0.2976

Deuteranopia

74.6790, 0.3090, 0.3024



Tritanopia

74.6890, 0.3303, 0.3130

Trichromacy



Original Color

74.4411, 0.3216, 0.2955

Protanomaly

74.3060, 0.3030, 0.2972

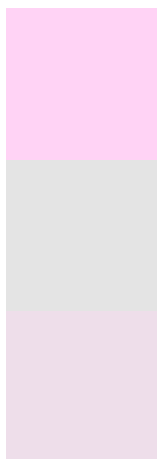
Deuteranomaly

74.3656, 0.3141, 0.2997

Tritanomaly

74.6575, 0.3277, 0.3071

Monochromacy



Original Color

74.4411, 0.3216, 0.2955

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.3602, 0.3161, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4411, 0.3216, 0.2955 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 245) }
```

Border

The CSS property to change the border of an element to Yxy 74.4411, 0.3216, 0.2955 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, 245) }
```

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

```
.border{ border-color:rgb(255, 211, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4411, 0.3216, 0.2955 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, 245) }
```

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

```
.background{ background-color: rgb(255,  
211, 245) }
```

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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