

Converting Colors

$Y_{xy}(75.4411, 0.3214, 0.2975)$

Have a look what the booklet for
Yxy(75.4411, 0.3214, 0.2975)
contains.

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Color

Yxy(75.4411, 0.3214, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5F5
RGB	255, 213, 245
RGB Percent	100%, 84%, 96%
CMY	0.0002, 0.1646, 0.0393
CMYK	0.00, 0.16, 0.04, 0.00
HSL	314°, 100%, 92%
HSV	314°, 16%, 100%
XYZ	81.5017, 75.4411, 96.6407
YIQ	229.2060, 14.7600, 18.8560

Conversions

Conversions Part 2

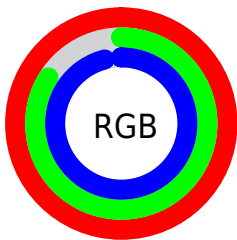
Format	Color
R _Y B	255, 213, 245
Decimal	16766453
CIE Lab	89.60, 19.85, -10.14
CIE LCh	90, 22.290, 332.950
Yxy	75.4411, 0.3214, 0.2975
Android (android.graphics.Color)	4294956533 (0xFFFFD5F5)
YUV	229.2060, 7.7864, 22.6213
Hunter-Lab	86.8568, 15.4953, -5.1688

Details

The Yxy color **75.4411, 0.3214, 0.2975** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.9696, 0.3051, 0.3627**, and the grayscale version is **78.4467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1336, 0.3231, 0.2900** is the 20% darker color. If you saturate the color by 10%, you get **63.2448, 0.3278, 0.2776**, and if you desaturate by 10%, it is **89.6723, 0.3159, 0.3169**.

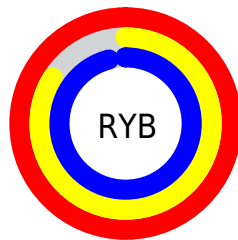
Distribution



Red (100%)

Green (84%)

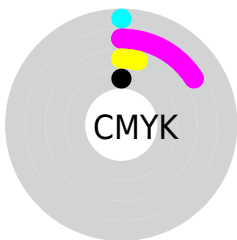
Blue (96%)



Red (100%)

Yellow (84%)

Blue (96%)

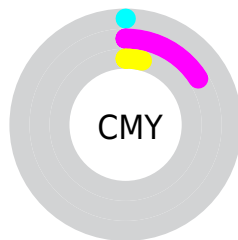


Cyan (0%)

Magenta (16%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4411, 0.3214, 0.2975 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 75.4411, 0.3214, 0.2975 by changing the saturation by 10% instead.


 75.4411, 0.3214,
0.2975

 75.4411, 0.3214,
0.2975


479.4323, 0.3176,
0.3116

 55.9743, 0.3222,
0.2944


126.9366, 0.3201,
0.3023

 40.1823, 0.3232,
0.2906


159.7340, 0.3196,
0.3042

 27.6807, 0.3245,
0.2859

197.7439, 0.3192,
0.3058

 18.0851, 0.3260,
0.2798

241.3505, 0.3188,
0.3073

 11.0111, 0.3280,
0.2718

290.9382, 0.3184,
0.3085

 6.0743, 0.3308,
0.2607


346.8915, 0.3181,


 2.8903, 0.3346,

0.3097

0.2444


409.5948, 0.3178,
0.3107

 1.0747, 0.3405,
0.2181


 0.0000, 0.4012,
0.0000

 75.4411, 0.3214,
0.2975

 75.4411, 0.3214,
0.2975


 63.2448, 0.3278,
0.2776

 89.6723, 0.3159,
0.3169

 52.9795, 0.3351,
0.2579

99.9918, 0.3127,
0.3290

 44.5470, 0.3433,
0.2392

 37.8364, 0.3522,
0.2224

■ 32.7249, 0.3617,
0.2086

■ 29.0733, 0.3714,
0.1989

■ 26.7184, 0.3811,
0.1938

■ 25.4564, 0.3904,
0.1935

■ 25.1621, 0.3936,
0.1942

Harmonies

Analogous

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



75.4411, 0.2948, 0.2867



75.4411, 0.3214, 0.2975



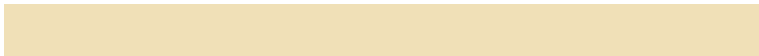
75.4411, 0.3465, 0.3159

Triad

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



75.4411, 0.3214, 0.2975



75.4411, 0.3520, 0.3732



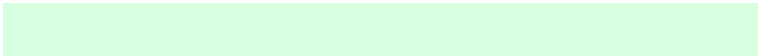
75.4411, 0.2653, 0.3165

Complementary

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



75.4411, 0.3214, 0.2975



90.9696, 0.3051, 0.3627

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.



75.4411, 0.2793, 0.3416



75.4411, 0.3214, 0.2975



75.4411, 0.3291, 0.3755

Square

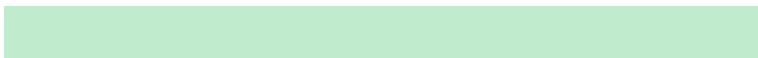
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



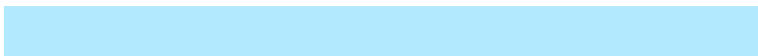
75.4411, 0.3214, 0.2975



75.4411, 0.3645, 0.3590



75.4411, 0.3025, 0.3639



75.4411, 0.2633, 0.2964

Rectangle

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



75.4411, 0.3214, 0.2975



75.4411, 0.3586, 0.3306



75.4411, 0.3025, 0.3639



75.4411, 0.2687, 0.3247

Sweetspot

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



75.4444, 0.3214, 0.2975



91.9395, 0.3151, 0.3197



70.4756, 0.2923, 0.2853



19.4455, 0.3155, 0.3183



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.



75.4444, 0.3214, 0.2975



70.9092, 0.3236, 0.2905



74.2457, 0.3361, 0.3178



18.2222, 0.3175, 0.3111



13.1772, 0.3922, 0.1934



1.3000, 0.3823, 0.1880

Inverse Universe

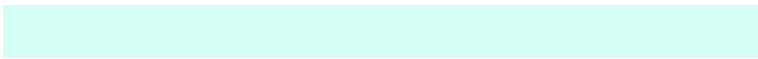
The Inverse Universe completely reimagines the original color for something new.



75.4444, 0.3214, 0.2975



70.9092, 0.3236, 0.2905



92.1602, 0.2937, 0.3405



18.2222, 0.3175, 0.3111



13.1772, 0.3922, 0.1934



1.3000, 0.3823, 0.1880

Previews

White Background



This preview shows how the Yxy color 75.4411, 0.3214, 0.2975 looks on a white background.

Color Contrast Check

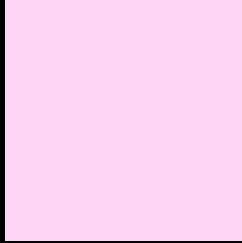
Large Text (above 18pt) WCAG AA × Fail

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 75.4411, 0.3214, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

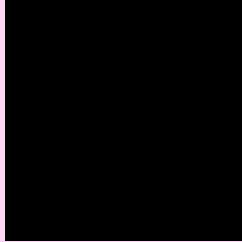
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4411, 0.3214, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 75.4411, 0.3214, 0.2975.

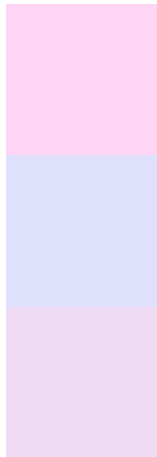


This preview shows how white text looks on a background with the Yxy color 75.4411, 0.3214, 0.2975.

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

75.4411, 0.3214, 0.2975

Protanopia

75.8692, 0.2938, 0.2998

Deuteranopia

75.5454, 0.3104, 0.3035



Tritanopia

75.3097, 0.3288, 0.3120

Trichromacy



Original Color

75.4411, 0.3214, 0.2975

Protanomaly

75.5184, 0.3037, 0.2993

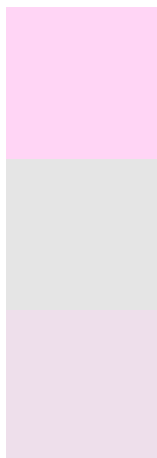
Deuteranomaly

75.5698, 0.3147, 0.3018

Tritanomaly

75.2784, 0.3262, 0.3061

Monochromacy



Original Color

75.4411, 0.3214, 0.2975

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

76.9507, 0.3154, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4411, 0.3214, 0.2975 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, 213, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 245) }
```

Border

The CSS property to change the border of an element to Yxy 75.4411, 0.3214, 0.2975 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, 213, 245) }
```

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

```
.border{ border-color:rgb(255, 213, 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, 213, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4411, 0.3214, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 245) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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