

Converting Colors

$Y_{xy}(100.0000, 0.3973, 0.3042)$

Have a look what the booklet for
Yxy(100.0000, 0.3973, 0.3042)
contains.

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Color

Yxy(74.3802, 0.3223, 0.2964)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD3F4 |
| RGB | 255, 211, 244 |
| RGB Percent | 100%, 83%, 96% |
| CMY | 0.0000, 0.1726, 0.0431 |
| CMYK | 0.00, 0.17, 0.04, 0.00 |
| HSL | 315°, 100%, 91% |
| HSV | 315°, 17%, 100% |
| XYZ | 80.8797, 74.3802, 95.6855 |
| YIQ | 227.9180, 15.6310, 19.5910 |

Conversions

Conversions Part 2

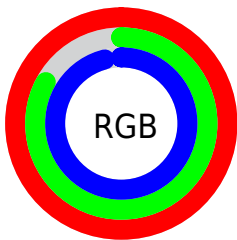
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 211, 244 |
| Decimal | 16765940 |
| CIE _{Lab} | 89.10, 20.78, -10.36 |
| CIE _{LCh} | 89, 23.223, 333.508 |
| Y _{xy} | 74.3802, 0.3223, 0.2964 |
| Android (android.graphics.Color) | 4294956020 (0xFFFFD3F4) |
| Y _{UV} | 227.9180, 7.9284, 23.7509 |
| Hunter-Lab | 86.2440, 16.4706, -5.4100 |

Details

The Yxy color $74.3802, 0.3223, 0.2964$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.6392, 0.3044, 0.3640$, and the grayscale version is $77.4444, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.4135, 0.3242, 0.2887$ is the 20% darker color. If you saturate the color by 10%, you get $62.3122, 0.3290, 0.2768$, and if you desaturate by 10%, it is $88.4553, 0.3164, 0.3156$.

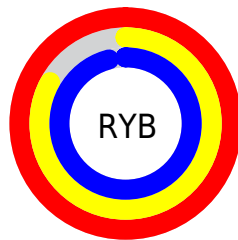
Distribution



Red (100%)

Green (83%)

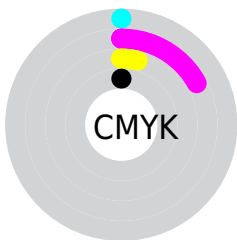
Blue (96%)



Red (100%)

Yellow (83%)

Blue (96%)

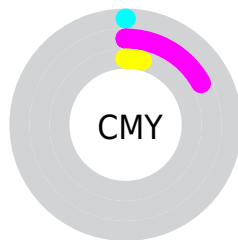


Cyan (0%)

Magenta (17%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3802, 0.3223, 0.2964 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 74.3802, 0.3223, 0.2964 by changing the saturation by 10% instead.


 74.3802, 0.3223,
0.2964

 74.3802, 0.3223,
0.2964


475.7845, 0.3181,
0.3110

 55.1053, 0.3232,
0.2932

125.4346, 0.3209,
0.3014

 39.4860, 0.3243,
0.2892


157.9829, 0.3203,
0.3033

 27.1380, 0.3257,
0.2843

195.7244, 0.3198,
0.3050

 17.6769, 0.3274,
0.2780

239.0436, 0.3194,
0.3065

 10.7183, 0.3297,
0.2697

288.3248, 0.3190,
0.3079

 5.8777, 0.3328,
0.2582

343.9524, 0.3187,

 2.7709, 0.3372,

0.3090

0.2411

406.3109, 0.3184,
0.3101

1.0133, 0.3438,
0.2135

0.0000, 0.4013,
0.0000

74.3802, 0.3223,
0.2964

74.3802, 0.3223,
0.2964

62.3122, 0.3290,
0.2768

88.4553, 0.3164,
0.3156

52.1805, 0.3368,
0.2574

100.0000, 0.3127,
0.3290

43.8748, 0.3454,
0.2390

37.2834, 0.3549,
0.2226

■ 32.2823, 0.3649,
0.2093

■ 28.7305, 0.3752,
0.2001

■ 26.4624, 0.3854,
0.1957

■ 25.2642, 0.3953,
0.1960

■ 25.0351, 0.3980,
0.1966

Harmonies

Analogous

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



74.3802, 0.2944, 0.2849



74.3802, 0.3223, 0.2964



74.3802, 0.3485, 0.3157

Triad

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



74.3802, 0.3223, 0.2964



74.3802, 0.3535, 0.3754



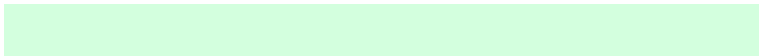
74.3802, 0.2630, 0.3154

Complementary

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



74.3802, 0.3223, 0.2964



90.6392, 0.3044, 0.3640

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.



74.3802, 0.2774, 0.3417



74.3802, 0.3223, 0.2964



74.3802, 0.3293, 0.3777

Square

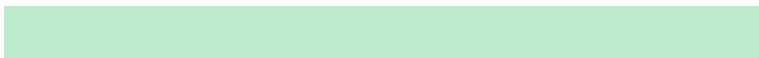
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



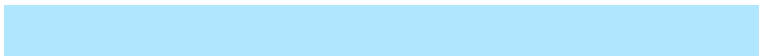
74.3802, 0.3223, 0.2964



74.3802, 0.3669, 0.3607



74.3802, 0.3015, 0.3652



74.3802, 0.2612, 0.2946

Rectangle

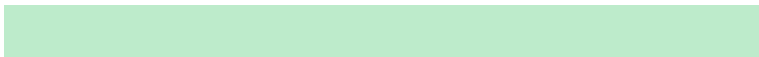
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3802, 0.3223, 0.2964



74.3802, 0.3611, 0.3310



74.3802, 0.3015, 0.3652



74.3802, 0.2665, 0.3239

Sweetspot

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



74.3723, 0.3223, 0.2964



91.9298, 0.3152, 0.3198



69.2123, 0.2912, 0.2829



19.4432, 0.3156, 0.3185



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.



74.3723, 0.3223, 0.2964



69.6317, 0.3247, 0.2891



73.1529, 0.3374, 0.3172



18.2183, 0.3176, 0.3113



13.1066, 0.3964, 0.1957



1.2936, 0.3859, 0.1899

Inverse Universe

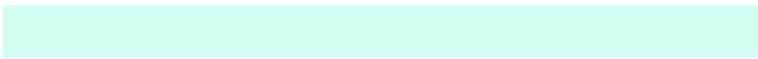
The Inverse Universe completely reimagines the original color for something new.



74.3723, 0.3223, 0.2964



69.6317, 0.3247, 0.2891



91.8533, 0.2928, 0.3411



18.2183, 0.3176, 0.3113



13.1066, 0.3964, 0.1957



1.2936, 0.3859, 0.1899

Previews

White Background



This preview shows how the Yxy color 74.3802, 0.3223, 0.2964 looks on a white background.

Color Contrast Check

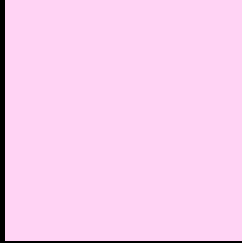
Large Text (above 18pt) WCAG AA × Fail

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 74.3802, 0.3223, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

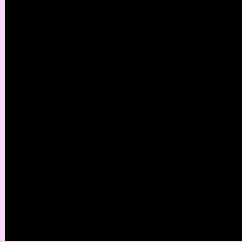
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3802, 0.3223, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 74.3802, 0.3223, 0.2964.



This preview shows how white text looks on a background with the Yxy color 74.3802, 0.3223, 0.2964.

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

74.3802, 0.3223, 0.2964

Protanopia

74.4232, 0.2931, 0.2986

Deuteranopia

74.6184, 0.3097, 0.3034



Tritanopia

74.1843, 0.3305, 0.3119

Trichromacy



Original Color

74.3802, 0.3223, 0.2964

Protanomaly

74.2438, 0.3037, 0.2982

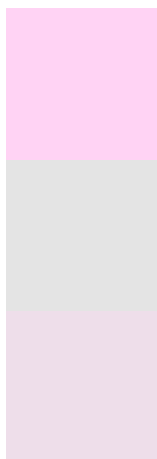
Deuteranomaly

74.3050, 0.3148, 0.3007

Tritanomaly

74.1560, 0.3278, 0.3061

Monochromacy



Original Color

74.3802, 0.3223, 0.2964

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 74.3802, 0.3223, 0.2964 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 244) }
```

Border

The CSS property to change the border of an element to Yxy 74.3802, 0.3223, 0.2964 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, 244) }
```

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

```
.border{ border-color:rgb(255, 211, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3802, 0.3223, 0.2964 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, 244) }
```

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

```
.background{ background-color: rgb(255,  
211, 244) }
```

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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