

Converting Colors

$Y_{xy}(76.6922, 0.3315, 0.2980)$

Have a look what the booklet for
Yxy(76.6922, 0.3315, 0.2980)
contains.

Yxy(74.3196, 0.3230, 0.2974)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.3196, 0.3230, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3F3
RGB	255, 211, 243
RGB Percent	100%, 83%, 95%
CMY	0.0000, 0.1726, 0.0472
CMYK	0.00, 0.17, 0.05, 0.00
HSL	316°, 100%, 91%
HSV	316°, 17%, 100%
XYZ	80.7170, 74.3196, 94.8612
YIQ	227.8040, 15.9520, 19.2800

Conversions

Conversions Part 2

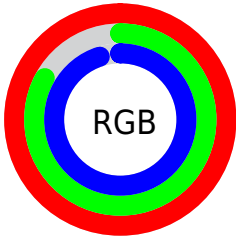
Format	Color
R_{YB}	255, 211, 243
Decimal	16765939
CIE _{Lab}	89.07, 20.59, -9.86
CIE _{LCh}	89, 22.827, 334.419
Yxy	74.3196, 0.3230, 0.2974
Android (android.graphics.Color)	4294956019 (0xFFFFD3F3)
YUV	227.8040, 7.4916, 23.8509
Hunter-Lab	86.2088, 16.2634, -4.8945

Details

The Yxy color **74.3196, 0.3230, 0.2974** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.6976, 0.3038, 0.3628**, and the grayscale version is **77.3634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3706, 0.3251, 0.2899** is the 20% darker color. If you saturate the color by 10%, you get **62.2226, 0.3303, 0.2784**, and if you desaturate by 10%, it is **88.4362, 0.3167, 0.3160**.

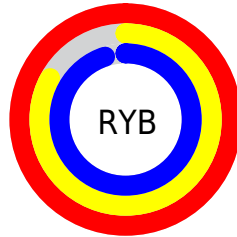
Distribution



Red (100%)

Green (83%)

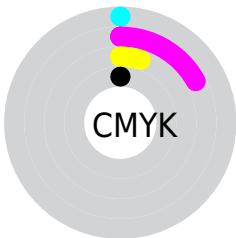
Blue (95%)



Red (100%)

Yellow (83%)

Blue (95%)

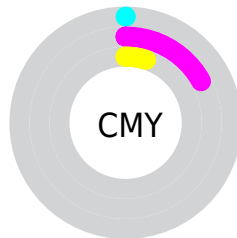


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3196, 0.3230, 0.2974 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 74.3196, 0.3230, 0.2974 by changing the saturation by 10% instead.


 74.3196, 0.3230,
0.2974

 74.3196, 0.3230,
0.2974


475.5757, 0.3184,
0.3116

 55.0557, 0.3240,
0.2943

125.3488, 0.3215,
0.3022

 39.4463, 0.3252,
0.2904


157.8828, 0.3208,
0.3041

 27.1071, 0.3267,
0.2857


195.6089, 0.3203,
0.3058

 17.6537, 0.3286,
0.2795

238.9116, 0.3198,
0.3072

 10.7016, 0.3311,
0.2714

288.1752, 0.3194,
0.3085

 5.8666, 0.3345,
0.2602

343.7842, 0.3191,

 2.7641, 0.3395,

0.3097

0.2435

406.1229, 0.3187,
0.3107

1.0099, 0.3471,
0.2164

0.0000, 0.4123,
0.0000

74.3196, 0.3230,
0.2974

74.3196, 0.3230,
0.2974

62.2226, 0.3303,
0.2784

88.4362, 0.3167,
0.3160

52.0595, 0.3387,
0.2595

100.0000, 0.3127,
0.3290

43.7251, 0.3482,
0.2416

37.1076, 0.3586,
0.2256

■ 32.0828, 0.3697,
0.2127

■ 28.5098, 0.3812,
0.2038

■ 26.2230, 0.3926,
0.1998

■ 25.0086, 0.4037,
0.2007

■ 24.7752, 0.4067,
0.2014

Harmonies

Analogous

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



74.3196, 0.2955, 0.2858



74.3196, 0.3230, 0.2974



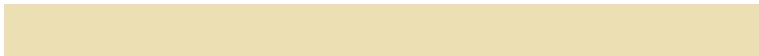
74.3196, 0.3486, 0.3166

Triad

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



74.3196, 0.3230, 0.2974



74.3196, 0.3522, 0.3749



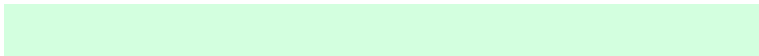
74.3196, 0.2635, 0.3149

Complementary

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



74.3196, 0.3230, 0.2974



90.6976, 0.3038, 0.3628

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.



74.3196, 0.2774, 0.3407



74.3196, 0.3230, 0.2974



74.3196, 0.3283, 0.3767

Square

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



74.3196, 0.3230, 0.2974



74.3196, 0.3658, 0.3607



74.3196, 0.3009, 0.3640



74.3196, 0.2622, 0.2947

Rectangle

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



74.3196, 0.3230, 0.2974



74.3196, 0.3607, 0.3317



74.3196, 0.3009, 0.3640



74.3196, 0.2669, 0.3233

Sweetspot

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



74.3166, 0.3230, 0.2974



91.9107, 0.3154, 0.3201



69.4526, 0.2922, 0.2830



19.4385, 0.3158, 0.3188



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.



74.3166, 0.3230, 0.2974



69.5562, 0.3256, 0.2903



73.0818, 0.3385, 0.3187



18.2106, 0.3180, 0.3119



12.9720, 0.4050, 0.2004



1.2814, 0.3931, 0.1939

Inverse Universe

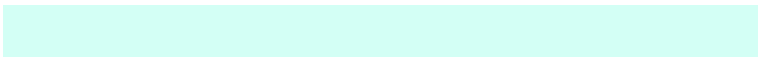
The Inverse Universe completely reimagines the original color for something new.



74.3166, 0.3230, 0.2974



69.5562, 0.3256, 0.2903



91.9448, 0.2920, 0.3396



18.2106, 0.3180, 0.3119



12.9720, 0.4050, 0.2004



1.2814, 0.3931, 0.1939

Previews

White Background



This preview shows how the Yxy color 74.3196, 0.3230, 0.2974 looks on a white background.

Color Contrast Check

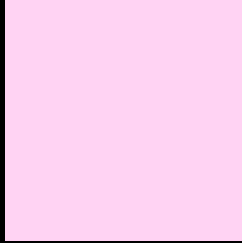
Large Text (above 18pt) WCAG AA × Fail

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 74.3196, 0.3230, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

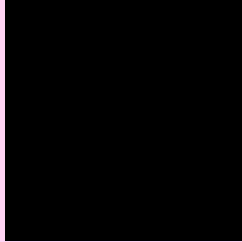
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3196, 0.3230, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 74.3196, 0.3230, 0.2974.



This preview shows how white text looks on a background with the Yxy color 74.3196, 0.3230, 0.2974.

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

74.3196, 0.3230, 0.2974

Protanopia

74.3603, 0.2937, 0.2996

Deuteranopia

74.7308, 0.3110, 0.3044



Tritanopia

74.1843, 0.3305, 0.3119

Trichromacy



Original Color

74.3196, 0.3230, 0.2974

Protanomaly

74.1818, 0.3043, 0.2991

Deuteranomaly

74.2448, 0.3154, 0.3017

Tritanomaly

74.1560, 0.3278, 0.3061

Monochromacy



Original Color

74.3196, 0.3230, 0.2974

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.3029, 0.3168, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3196, 0.3230, 0.2974 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 243) }
```

Border

The CSS property to change the border of an element to Yxy 74.3196, 0.3230, 0.2974 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, 243) }
```

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

```
.border{ border-color:rgb(255, 211, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3196, 0.3230, 0.2974 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
211, 243) }
```

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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