

Converting Colors

$Y_{xy}(71.9723, 0.3220, 0.2967)$

Have a look what the booklet for
Yxy(71.9723, 0.3220, 0.2967)
contains.

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Color

Yxy(71.9123, 0.3223, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0F0
RGB	251, 208, 240
RGB Percent	98%, 82%, 94%
CMY	0.0158, 0.1843, 0.0587
CMYK	0.00, 0.17, 0.04, 0.02
HSL	315°, 84%, 90%
HSV	315°, 17%, 98%
XYZ	78.0644, 71.9123, 92.2338
YIQ	224.5050, 15.3560, 19.0680

Conversions

Conversions Part 2

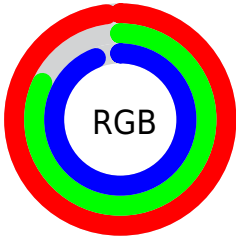
Format	Color
R _Y B	251, 208, 240
Decimal	16503024
CIE Lab	87.93, 20.29, -10.05
CIE LCh	88, 22.643, 333.640
Yxy	71.9123, 0.3223, 0.2969
Android (android.graphics.Color)	4294693104 (0xFFFBD0F0)
YUV	224.5050, 7.6390, 23.2361
Hunter-Lab	84.8011, 15.9178, -5.1259

Details

The Yxy color $71.9123, 0.3223, 0.2969$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.5002, 0.3043, 0.3634$, and the grayscale version is $74.8590, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.7125, 0.3243, 0.2892$ is the 20% darker color. If you saturate the color by 10%, you get $60.2566, 0.3292, 0.2774$, and if you desaturate by 10%, it is $85.5240, 0.3164, 0.3159$.

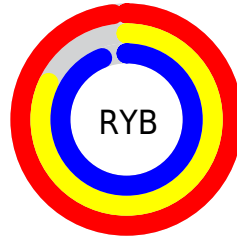
Distribution



Red (98%)

Green (82%)

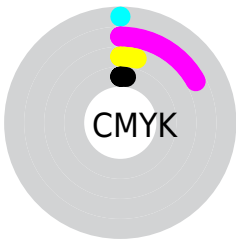
Blue (94%)



Red (98%)

Yellow (82%)

Blue (94%)

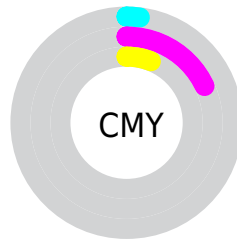


Cyan (0%)

Magenta (17%)

Yellow (4%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9123, 0.3223, 0.2969 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 71.9123, 0.3223, 0.2969 by changing the saturation by 10% instead.

 71.9123, 0.3223,
0.2969

 71.9123, 0.3223,
0.2969


467.2363, 0.3180,
0.3114

 53.0870, 0.3232,
0.2937

121.9318, 0.3209,
0.3019

 37.8723, 0.3244,
0.2897


153.8949, 0.3203,
0.3038

 25.8836, 0.3258,
0.2848


191.0060, 0.3198,
0.3055

 16.7366, 0.3276,
0.2785

233.6496, 0.3194,
0.3070

 10.0468, 0.3299,
0.2700

282.2100, 0.3190,
0.3083

 5.4300, 0.3331,
0.2582

337.0717, 0.3186,

 2.5017, 0.3377,

0.3094

0.2406

398.6190, 0.3183,
0.3105

0.8775, 0.3449,
0.2117

0.0000, 0.3796,
0.0000

71.9123, 0.3223,
0.2969

71.9123, 0.3223,
0.2969

60.2566, 0.3292,
0.2774

85.5240, 0.3164,
0.3159

50.4564, 0.3370,
0.2581

99.1040, 0.3115,
0.3311

42.4167, 0.3458,
0.2398

99.2441, 0.3102,
0.3290

36.0301, 0.3554,
0.2235

■ 31.1776, 0.3656,
0.2102

■ 27.7238, 0.3762,
0.2010

■ 25.5102, 0.3866,
0.1965

■ 24.3328, 0.3967,
0.1969

■ 24.0963, 0.3996,
0.1975

Harmonies

Analogous

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



71.9123, 0.2948, 0.2855



71.9123, 0.3223, 0.2969



71.9123, 0.3481, 0.3160

Triad

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



71.9123, 0.3223, 0.2969



71.9123, 0.3528, 0.3748



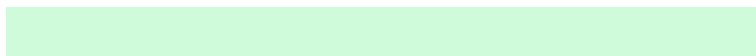
71.9123, 0.2636, 0.3155

Complementary

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



71.9123, 0.3223, 0.2969



87.5002, 0.3043, 0.3634

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.



71.9123, 0.2778, 0.3414



71.9123, 0.3223, 0.2969



71.9123, 0.3290, 0.3769

Square

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



71.9123, 0.3223, 0.2969



71.9123, 0.3661, 0.3603



71.9123, 0.3016, 0.3646



71.9123, 0.2619, 0.2950

Rectangle

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



71.9123, 0.3223, 0.2969



71.9123, 0.3605, 0.3311



71.9123, 0.3016, 0.3646



71.9123, 0.2670, 0.3239

Sweetspot

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



71.9155, 0.3223, 0.2969



91.9260, 0.3153, 0.3199



67.1027, 0.2919, 0.2834



19.4423, 0.3156, 0.3186



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.



71.9155, 0.3223, 0.2969



69.6165, 0.3249, 0.2893



70.7233, 0.3377, 0.3181



17.4447, 0.3177, 0.3115



12.6940, 0.3980, 0.1966



1.1928, 0.3867, 0.1904

Inverse Universe

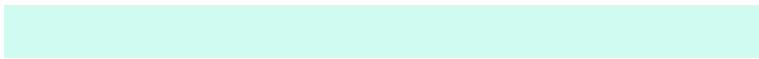
The Inverse Universe completely reimagines the original color for something new.



71.9155, 0.3223, 0.2969



69.6165, 0.3249, 0.2893



88.6937, 0.2926, 0.3402



17.4447, 0.3177, 0.3115



12.6940, 0.3980, 0.1966



1.1928, 0.3867, 0.1904

Previews

White Background



This preview shows how the Yxy color 71.9123, 0.3223, 0.2969 looks on a white background.

Color Contrast Check

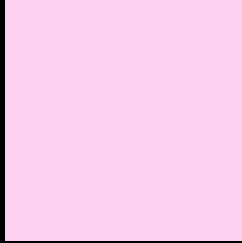
Large Text (above 18pt) WCAG AA × Fail

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 71.9123, 0.3223, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

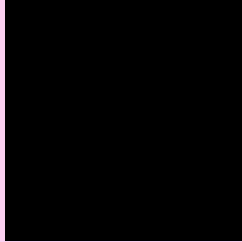
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9123, 0.3223, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 71.9123, 0.3223, 0.2969.



This preview shows how white text looks on a background with the Yxy color 71.9123, 0.3223, 0.2969.

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

71.9123, 0.3223, 0.2969

Protanopia

72.1301, 0.2934, 0.2992

Deuteranopia

71.8176, 0.3103, 0.3030



Tritanopia

71.7790, 0.3299, 0.3117

Trichromacy



Original Color

71.9123, 0.3223, 0.2969

Protanomaly

71.7905, 0.3035, 0.2987

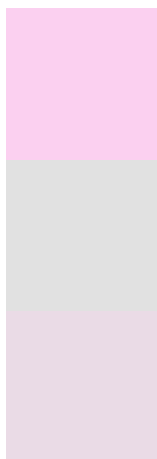
Deuteranomaly

71.8442, 0.3147, 0.3013

Tritanomaly

71.7511, 0.3272, 0.3057

Monochromacy



Original Color

71.9123, 0.3223, 0.2969

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

73.8686, 0.3161, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9123, 0.3223, 0.2969 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(251, 208, 240)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 240)  
}
```

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(251, 208, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 240) }
```

Border

The CSS property to change the border of an element to Yxy 71.9123, 0.3223, 0.2969 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(251, 208, 240) }
```

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

```
.border{ border-color:rgb(251, 208, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 240);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9123, 0.3223, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 240) }
```

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

```
.background{ background-color: rgb(251,  
208, 240) }
```

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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