

Converting Colors

$Y_{xy}(72.6987, 0.3171, 0.2845)$

Have a look what the booklet for
Yxy(72.6987, 0.3171, 0.2845)
contains.

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Color

Yxy(72.9139, 0.3170, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFFC
RGB	255, 207, 252
RGB Percent	100%, 81%, 99%
CMY	0.0000, 0.1882, 0.0118
CMYK	0.00, 0.19, 0.01, 0.00
HSL	304°, 100%, 91%
HSV	304°, 19%, 100%
XYZ	81.1292, 72.9139, 101.8850
YIQ	226.4820, 14.1630, 24.1710

Conversions

Conversions Part 2

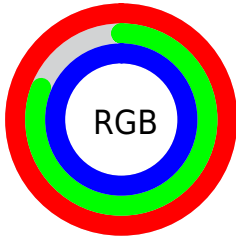
Format	Color
R _Y B	255, 207, 252
Decimal	16764924
CIE Lab	88.41, 24.27, -15.61
CIE LCh	88, 28.854, 327.251
Yxy	72.9139, 0.3170, 0.2849
Android (android.graphics.Color)	4294955004 (0xFFFFCFFC)
YUV	226.4820, 12.5804, 25.0103
Hunter-Lab	85.3896, 20.1620, -10.9707

Details

The Yxy color **72.9139, 0.3170, 0.2849** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.4384, 0.3086, 0.3775**, and the grayscale version is **76.3168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4024, 0.3181, 0.2753** is the 20% darker color. If you saturate the color by 10%, you get **61.4371, 0.3195, 0.2611**, and if you desaturate by 10%, it is **86.3830, 0.3146, 0.3086**.

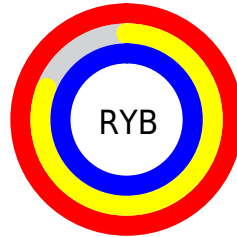
Distribution



Red (100%)

Green (81%)

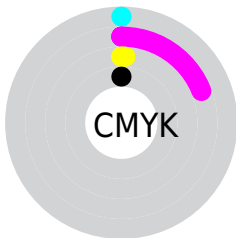
Blue (99%)



Red (100%)

Yellow (81%)

Blue (99%)

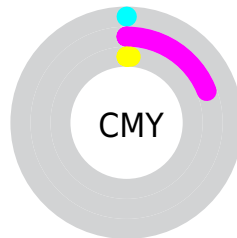


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9139, 0.3170, 0.2849 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 72.9139, 0.3170, 0.2849 by changing the saturation by 10% instead.

 72.9139, 0.3170,
0.2849

 72.9139, 0.3170,
0.2849


470.7163, 0.3153,
0.3045

 53.9056, 0.3173,
0.2806


123.3550, 0.3165,
0.2916

 38.5262, 0.3177,
0.2754


155.5565, 0.3163,
0.2942

 26.3913, 0.3180,
0.2689


192.9245, 0.3161,
0.2965

 17.1166, 0.3185,
0.2606

235.8435, 0.3159,
0.2985

 10.3177, 0.3189,
0.2497

284.6978, 0.3157,
0.3003

 5.6101, 0.3192,
0.2348

339.8717, 0.3156,

 2.6095, 0.3192,

0.3019

0.2131

401.7498, 0.3155,
0.3033

0.9314, 0.3177,
0.1793

0.0000, 0.3208,
0.0000

72.9139, 0.3170,
0.2849

72.9139, 0.3170,
0.2849

61.4371, 0.3195,
0.2611

86.3830, 0.3146,
0.3086

51.8627, 0.3223,
0.2381

100.0000, 0.3127,
0.3290

44.0854, 0.3251,
0.2168

37.9917, 0.3279,
0.1981

■ 33.4556, 0.3306,
0.1831

■ 30.3330, 0.3331,
0.1723

■ 28.4534, 0.3354,
0.1659

■ 27.5692, 0.3374,
0.1635

■ 27.4930, 0.3376,
0.1634

Harmonies

Analogous

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



72.9139, 0.2832, 0.2732



72.9139, 0.3170, 0.2849



72.9139, 0.3513, 0.3068

Triad

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



72.9139, 0.3170, 0.2849



72.9139, 0.3683, 0.3840



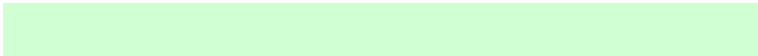
72.9139, 0.2535, 0.3181

Complementary

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



72.9139, 0.3170, 0.2849



89.4384, 0.3086, 0.3775

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.



72.9139, 0.2741, 0.3517



72.9139, 0.3170, 0.2849



72.9139, 0.3401, 0.3913

Square

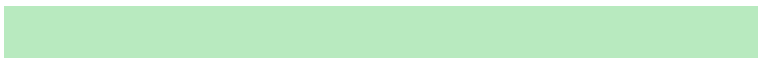
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



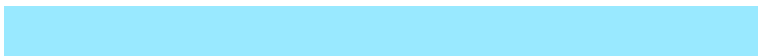
72.9139, 0.3170, 0.2849



72.9139, 0.3817, 0.3626



72.9139, 0.3055, 0.3796



72.9139, 0.2481, 0.2902

Rectangle

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



72.9139, 0.3170, 0.2849



72.9139, 0.3692, 0.3250



72.9139, 0.3055, 0.3796



72.9139, 0.2588, 0.3292

Sweetspot

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



72.9119, 0.3170, 0.2849



90.5621, 0.3140, 0.3152



65.4575, 0.2830, 0.2774



19.1740, 0.3141, 0.3137



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.



72.9119, 0.3170, 0.2849



67.8834, 0.3180, 0.2749



71.5190, 0.3336, 0.3073



18.2796, 0.3148, 0.3070



14.3741, 0.3373, 0.1632



1.4053, 0.3353, 0.1621

Inverse Universe

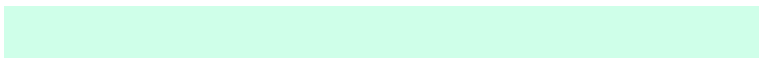
The Inverse Universe completely reimagines the original color for something new.



72.9119, 0.3170, 0.2849



67.8834, 0.3180, 0.2749



90.6910, 0.2958, 0.3518



18.2796, 0.3148, 0.3070



14.3741, 0.3373, 0.1632



1.4053, 0.3353, 0.1621

Previews

White Background



This preview shows how the Yxy color 72.9139, 0.3170, 0.2849 looks on a white background.

Color Contrast Check

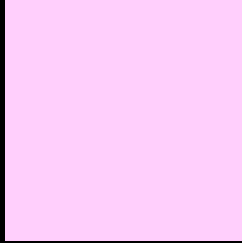
Large Text (above 18pt) WCAG AA × Fail

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 72.9139, 0.3170, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

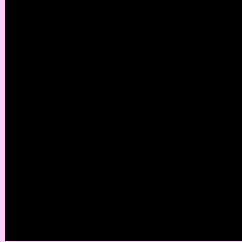
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9139, 0.3170, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 72.9139, 0.3170, 0.2849.



This preview shows how white text looks on a background with the Yxy color 72.9139, 0.3170, 0.2849.

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

72.9139, 0.3170, 0.2849

Protanopia

73.5318, 0.2880, 0.2932

Deuteranopia

73.0028, 0.3010, 0.2939



Tritanopia

72.8854, 0.3314, 0.3119

Trichromacy



Original Color

72.9139, 0.3170, 0.2849



Protanomaly

73.0905, 0.2978, 0.2899



Deuteranomaly

73.0788, 0.3067, 0.2905



Tritanomaly

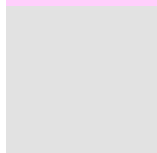
73.0903, 0.3258, 0.3020

Monochromacy



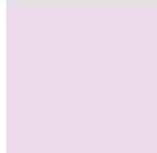
Original Color

72.9139, 0.3170, 0.2849



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

74.6657, 0.3149, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9139, 0.3170, 0.2849 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, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 252)  
}
```

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, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 252) }
```

Border

The CSS property to change the border of an element to Yxy 72.9139, 0.3170, 0.2849 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, 207, 252) }
```

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

```
.border{ border-color:rgb(255, 207, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9139, 0.3170, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 252) }
```

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

```
.background{ background-color: rgb(255,  
207, 252) }
```

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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