

Converting Colors

Yxy(73.9892, 0.3027, 0.2691)

Have a look what the booklet for
Yxy(73.9892, 0.3027, 0.2691)
contains.

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Color

Yxy(73.0272, 0.3127, 0.2828)

Conversions

Conversions Part 1

Format	Color
Hex	FCD0FF
RGB	252, 208, 255
RGB Percent	99%, 82%, 100%
CMY	0.0118, 0.1843, 0.0000
CMYK	0.01, 0.18, 0.00, 0.00
HSL	296°, 100%, 91%
HSV	296°, 18%, 100%
XYZ	80.7483, 73.0272, 104.4537
YIQ	226.5140, 11.1370, 23.9450

Conversions

Conversions Part 2

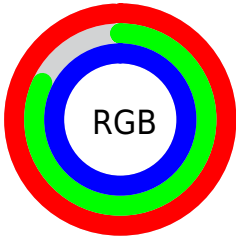
Format	Color
R _Y B	252, 208, 255
Decimal	16568575
CIE Lab	88.46, 23.29, -17.15
CIE LCh	88, 28.921, 323.641
Yxy	73.0272, 0.3127, 0.2828
Android (android.graphics.Color)	4294758655 (0xFFFC00FF)
YUV	226.5140, 14.0436, 22.3512
Hunter-Lab	85.4560, 19.1187, -12.6516

Details

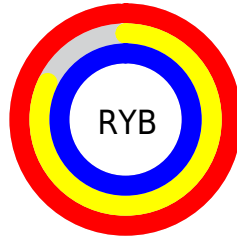
The Yxy color **73.0272, 0.3127, 0.2828** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.9265, 0.3122, 0.3793**, and the grayscale version is **76.3359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4618, 0.3125, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **61.2746, 0.3125, 0.2572**, and if you desaturate by 10%, it is **86.7865, 0.3128, 0.3082**.

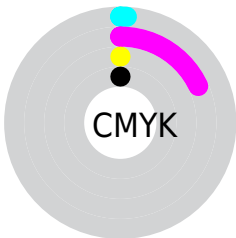
Distribution



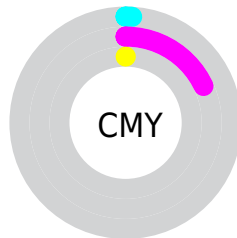
- Red (99%)
- Green (82%)
- Blue (100%)



- Red (99%)
- Yellow (82%)
- Blue (100%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0272, 0.3127, 0.2828 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 73.0272, 0.3127, 0.2828 by changing the saturation by 10% instead.

 73.0272, 0.3127,
0.2828

 73.0272, 0.3127,
0.2828


471.1091, 0.3130,
0.3034

 53.9982, 0.3126,
0.2783


123.5158, 0.3129,
0.2898

 38.6002, 0.3123,
0.2728


155.7442, 0.3129,
0.2925

 26.4489, 0.3120,
0.2660


193.1413, 0.3130,
0.2949

 17.1597, 0.3115,
0.2574

236.0913, 0.3130,
0.2970

 10.3485, 0.3107,
0.2461

284.9786, 0.3130,
0.2989

 5.6306, 0.3092,
0.2306

340.1878, 0.3130,

 2.6218, 0.3065,

0.3005

0.2083

402.1032, 0.3130,
0.3020

■ 0.9376, 0.3003,
0.1736

■ 0.0000, 0.2862,
0.0000

■ 73.0272, 0.3127,
0.2828

■ 73.0272, 0.3127,
0.2828

■ 61.2746, 0.3125,
0.2572

■ 86.7865, 0.3128,
0.3082

■ 51.4257, 0.3120,
0.2323

100.0000, 0.3127,
0.3290

■ 43.3798, 0.3113,
0.2090

■ 37.0241, 0.3104,
0.1883

■ 32.2329, 0.3093,
0.1713

■ 28.8632, 0.3079,
0.1584

■ 26.7457, 0.3064,
0.1500

■ 25.6433, 0.3048,
0.1457

■ 25.5115, 0.3046,
0.1452

Harmonies

Analogous

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



73.0272, 0.2796, 0.2725



73.0272, 0.3127, 0.2828



73.0272, 0.3476, 0.3037

Triad

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



73.0272, 0.3127, 0.2828



73.0272, 0.3710, 0.3821



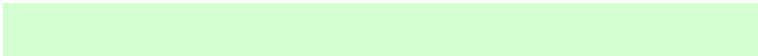
73.0272, 0.2552, 0.3220

Complementary

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



73.0272, 0.3127, 0.2828



89.9265, 0.3122, 0.3793

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.



73.0272, 0.2774, 0.3557



73.0272, 0.3127, 0.2828



73.0272, 0.3441, 0.3915

Square

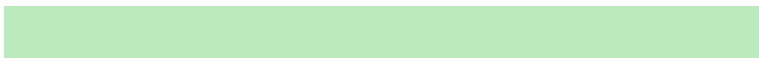
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0272, 0.3127, 0.2828



73.0272, 0.3822, 0.3595



73.0272, 0.3097, 0.3821



73.0272, 0.2478, 0.2929

Rectangle

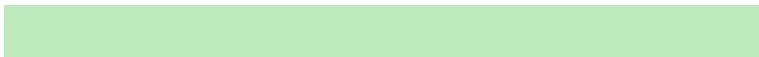
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0272, 0.3127, 0.2828



73.0272, 0.3665, 0.3216



73.0272, 0.3097, 0.3821



73.0272, 0.2611, 0.3333

Sweetspot

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



73.0298, 0.3127, 0.2828



90.4382, 0.3128, 0.3143



67.2906, 0.2823, 0.2819



19.1446, 0.3128, 0.3127



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.



73.0298, 0.3127, 0.2828



68.6054, 0.3126, 0.2737



72.3537, 0.3291, 0.3024



18.2376, 0.3128, 0.3055



13.3557, 0.3049, 0.1453



1.3176, 0.3068, 0.1464

Inverse Universe

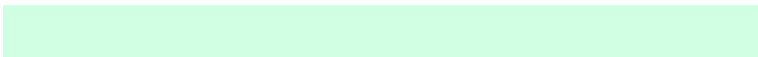
The Inverse Universe completely reimagines the original color for something new.



71.0806, 0.3466, 0.3260



66.3486, 0.3549, 0.3254



90.5534, 0.2991, 0.3572



18.0059, 0.3284, 0.3275



11.1360, 0.6336, 0.3264



1.0906, 0.6187, 0.3182

Previews

White Background



This preview shows how the Yxy color 73.0272, 0.3127, 0.2828 looks on a white background.

Color Contrast Check

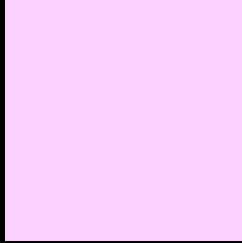
Large Text (above 18pt) WCAG AA × Fail

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 73.0272, 0.3127, 0.2828 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 73.0272, 0.3127, 0.2828

Background



This preview shows how black text looks on a background with the Yxy color 73.0272, 0.3127, 0.2828.



This preview shows how white text looks on a background with the Yxy color 73.0272, 0.3127, 0.2828.

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

73.0272, 0.3127, 0.2828

Protanopia

73.3800, 0.2874, 0.2932

Deuteranopia

73.3756, 0.2978, 0.2919



Tritanopia

73.2021, 0.3275, 0.3127

Trichromacy



Original Color

73.0272, 0.3127, 0.2828



Protanomaly

72.8257, 0.2958, 0.2888



Deuteranomaly

73.2534, 0.3026, 0.2884



Tritanomaly

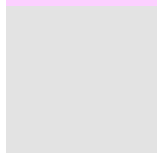
72.9013, 0.3221, 0.3018

Monochromacy



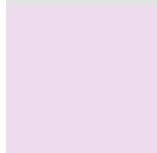
Original Color

73.0272, 0.3127, 0.2828



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

75.1337, 0.3128, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0272, 0.3127, 0.2828 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(252, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 208, 255)  
}
```

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(252, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.0272, 0.3127, 0.2828 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(252, 208, 255) }
```

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

```
.border{ border-color:rgb(252, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(252, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0272, 0.3127, 0.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 208, 255) }
```

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

```
.background{ background-color: rgb(252,  
208, 255) }
```

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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