

Converting Colors

Yxy(69.6841, 0.3151, 0.2780)

Have a look what the booklet for
Yxy(69.6841, 0.3151, 0.2780)
contains.

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Color

Yxy(69.7478, 0.3151, 0.2778)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FDC9FD |
| RGB | 253, 201, 253 |
| RGB Percent | 99%, 79%, 99% |
| CMY | 0.0080, 0.2117, 0.0079 |
| CMYK | 0.00, 0.21, 0.00, 0.01 |
| HSL | 300°, 93%, 89% |
| HSV | 300°, 21%, 99% |
| XYZ | 79.1128, 69.7478, 102.2114 |
| YIQ | 222.4760, 14.3000, 27.1960 |

Conversions

Conversions Part 2

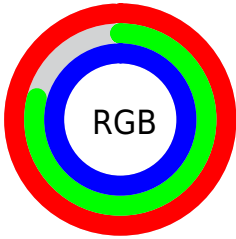
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 253, 201, 253 |
| Decimal | 16632317 |
| CIE Lab | 86.87, 26.92, -18.46 |
| CIE LCh | 87, 32.638, 325.554 |
| Yxy | 69.7478, 0.3151, 0.2778 |
| Android (android.graphics.Color) | 4294822397 (0xFFFD C9FD) |
| YUV | 222.4760, 15.0483, 26.7695 |
| Hunter-Lab | 83.5151, 22.9392, -14.1025 |

Details

The Yxy color **69.7478, 0.3151, 0.2778** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.8858, 0.3101, 0.3861**, and the grayscale version is **73.2850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5887, 0.3156, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **58.9072, 0.3163, 0.2528**, and if you desaturate by 10%, it is **82.5369, 0.3139, 0.3030**.

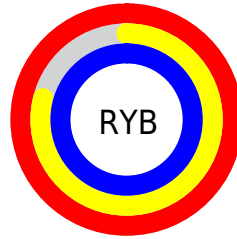
Distribution



Red (99%)

Green (79%)

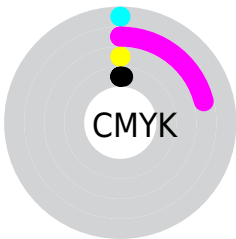
Blue (99%)



Red (99%)

Yellow (79%)

Blue (99%)

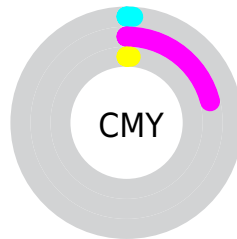


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (1%)



Cyan (1%)

Magenta (21%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7478, 0.3151, 0.2778 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 69.7478, 0.3151, 0.2778 by changing the saturation by 10% instead.


 69.7478, 0.3151,
0.2778

 69.7478, 0.3151,
0.2778

459.6640, 0.3144,
0.3006

 51.3210, 0.3152,
0.2728

118.8490, 0.3149,
0.2856

 36.4641, 0.3152,
0.2667

150.2922, 0.3149,
0.2886

 24.7928, 0.3152,
0.2591


186.8430, 0.3148,
0.2913

 15.9228, 0.3151,
0.2495

228.8857, 0.3147,
0.2936

 9.4695, 0.3147,
0.2369

276.8047, 0.3146,
0.2957

 5.0487, 0.3138,
0.2196


330.9845, 0.3145,


 2.2759, 0.3117,


0.2975

0.1946

391.8095, 0.3145,
0.2992


 0.7609, 0.3064,
0.1551


 0.0000, 0.2642,
0.0000

 69.7478, 0.3151,
0.2778


 69.7478, 0.3151,
0.2778


 58.9072, 0.3163,
0.2528


 82.5369, 0.3139,
0.3030


 49.9111, 0.3174,
0.2289

 97.3540, 0.3128,
0.3277

 42.6595, 0.3184,
0.2072

 99.4939, 0.3126,
0.3309

 37.0394, 0.3192,
0.1885

 99.4961, 0.3126,
0.3309

■ 32.9244, 0.3199,
0.1736

99.4983, 0.3126,
0.3309

■ 30.1696, 0.3204,
0.1630

99.5006, 0.3127,
0.3309

■ 28.6020, 0.3207,
0.1567

99.5028, 0.3127,
0.3309

■ 27.9495, 0.3208,
0.1541

99.5050, 0.3127,
0.3309

99.5072, 0.3127,
0.3309

Harmonies

Analogous

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



69.7478, 0.2769, 0.2652



69.7478, 0.3151, 0.2778



69.7478, 0.3550, 0.3020

Triad

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



69.7478, 0.3151, 0.2778



69.7478, 0.3777, 0.3907



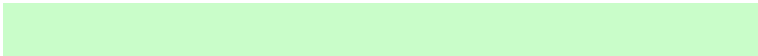
69.7478, 0.2461, 0.3182

Complementary

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



69.7478, 0.3151, 0.2778



86.8858, 0.3101, 0.3861

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.



69.7478, 0.2702, 0.3573



69.7478, 0.3151, 0.2778



69.7478, 0.3459, 0.4009

Square

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



69.7478, 0.3151, 0.2778



69.7478, 0.3922, 0.3651



69.7478, 0.3064, 0.3890



69.7478, 0.2390, 0.2857

Rectangle

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



69.7478, 0.3151, 0.2778



69.7478, 0.3762, 0.3223



69.7478, 0.3064, 0.3890



69.7478, 0.2524, 0.3311

Sweetspot

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



69.7508, 0.3151, 0.2778



90.6223, 0.3134, 0.3143



61.7004, 0.2782, 0.2729



19.1883, 0.3135, 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.



69.7508, 0.3151, 0.2778



65.8451, 0.3156, 0.2666



68.2586, 0.3333, 0.3018



18.3000, 0.3138, 0.3056



14.8698, 0.3208, 0.1541



1.4480, 0.3208, 0.1541

Inverse Universe

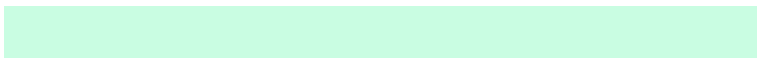
The Inverse Universe completely reimagines the original color for something new.



66.8835, 0.3540, 0.3291



62.4047, 0.3658, 0.3291



88.1630, 0.2962, 0.3579



17.9872, 0.3295, 0.3290



11.1090, 0.6400, 0.3299



1.0817, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 69.7478, 0.3151, 0.2778 looks on a white background.

Color Contrast Check

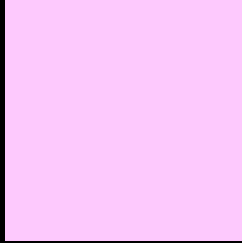
Large Text (above 18pt) WCAG AA × Fail

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 69.7478, 0.3151, 0.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

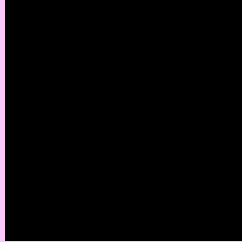
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7478, 0.3151, 0.2778

Background



This preview shows how black text looks on a background with the Yxy color 69.7478, 0.3151, 0.2778.



This preview shows how white text looks on a background with the Yxy color 69.7478, 0.3151, 0.2778.

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

69.7478, 0.3151, 0.2778

Protanopia

70.0334, 0.2839, 0.2874

Deuteranopia

69.7400, 0.2949, 0.2881



Tritanopia

69.6101, 0.3333, 0.3116

Trichromacy



Original Color

69.7478, 0.3151, 0.2778



Protanomaly

69.9130, 0.2950, 0.2843



Deuteranomaly

69.6325, 0.3019, 0.2838



Tritanomaly

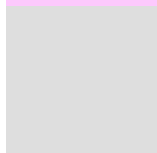
69.4502, 0.3262, 0.2986

Monochromacy



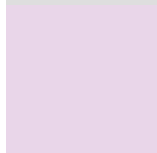
Original Color

69.7478, 0.3151, 0.2778



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

71.3000, 0.3137, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7478, 0.3151, 0.2778 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(253, 201, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 201, 253)  
}
```

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(253, 201, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 201, 253) }
```

Border

The CSS property to change the border of an element to Yxy 69.7478, 0.3151, 0.2778 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(253, 201, 253) }
```

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

```
.border{ border-color:rgb(253, 201, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 201, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 201, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 201, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 201,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7478, 0.3151, 0.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 201, 253) }
```

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

```
.background{ background-color: rgb(253,  
201, 253) }
```

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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