

Converting Colors

$Y_{xy}(74.0630, 0.2740, 0.2255)$

Have a look what the booklet for
Yxy(74.0630, 0.2740, 0.2255)
contains.

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Color

Yxy(69.3173, 0.3115, 0.2756)

Conversions

Conversions Part 1

Format	Color
Hex	FAC9FF
RGB	250, 201, 255
RGB Percent	98%, 79%, 100%
CMY	0.0198, 0.2117, 0.0000
CMYK	0.02, 0.21, 0.00, 0.00
HSL	294°, 100%, 89%
HSV	294°, 21%, 100%
XYZ	78.3467, 69.3173, 103.8502
YIQ	221.8070, 11.8700, 27.1820

Conversions

Conversions Part 2

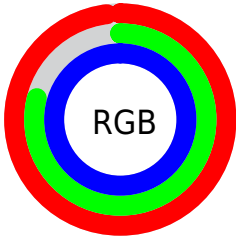
Format	Color
R_{YB}	250, 201, 255
Decimal	16435711
CIE _{Lab}	86.66, 26.31, -19.87
CIE _{LCh}	87, 32.966, 322.938
Yxy	69.3173, 0.3115, 0.2756
Android (android.graphics.Color)	4294625791 (0xFFFA _{C9FF})
YUV	221.8070, 16.3641, 24.7253
Hunter-Lab	83.2570, 22.2726, -15.6752

Details

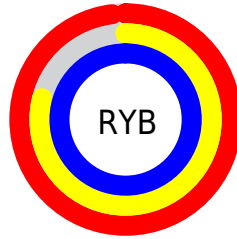
The Yxy color **69.3173, 0.3115, 0.2756** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.8644, 0.3130, 0.3876**, and the grayscale version is **72.7793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2821, 0.3109, 0.2647** is the 20% darker color. If you saturate the color by 10%, you get **57.9632, 0.3105, 0.2498**, and if you desaturate by 10%, it is **82.6563, 0.3122, 0.3013**.

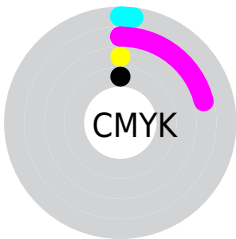
Distribution



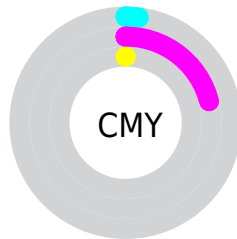
- Red (98%)
- Green (79%)
- Blue (100%)



- Red (98%)
- Yellow (79%)
- Blue (100%)



- Cyan (2%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3173, 0.3115, 0.2756 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 69.3173, 0.3115, 0.2756 by changing the saturation by 10% instead.


 69.3173, 0.3115,
0.2756

 69.3173, 0.3115,
0.2756


458.1493, 0.3125,
0.2994

 50.9702, 0.3112,
0.2704

118.2347, 0.3119,
0.2837

 36.1849, 0.3107,
0.2640


149.5737, 0.3121,
0.2869

 24.5770, 0.3101,
0.2561


186.0121, 0.3122,
0.2897

 15.7622, 0.3092,
0.2461

227.9343, 0.3123,
0.2921

 9.3560, 0.3077,
0.2330

275.7248, 0.3123,
0.2942

 4.9741, 0.3052,
0.2150


329.7678, 0.3124,


 2.2321, 0.3007,


0.2962


0.1892


390.4479, 0.3125,
0.2979

 0.7374, 0.2914,
0.1483


 0.0000, 0.2277,
0.0000


 69.3173, 0.3115,
0.2756

 69.3173, 0.3115,
0.2756


 57.9632, 0.3105,
0.2498

 82.6563, 0.3122,
0.3013

 48.4878, 0.3093,
0.2249

 98.0619, 0.3127,
0.3262

 40.7883, 0.3077,
0.2017

 99.9995, 0.3127,
0.3290

 34.7489, 0.3059,
0.1814

■ 30.2397, 0.3038,
0.1648

■ 27.1115, 0.3015,
0.1526

■ 25.1852, 0.2992,
0.1448

■ 24.2382, 0.2971,
0.1410

Harmonies

Analogous

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



69.3173, 0.2735, 0.2641



69.3173, 0.3115, 0.2756



69.3173, 0.3522, 0.2992

Triad

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



69.3173, 0.3115, 0.2756



69.3173, 0.3806, 0.3896



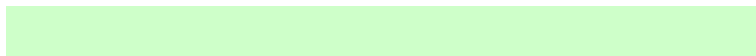
69.3173, 0.2468, 0.3214

Complementary

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



69.3173, 0.3115, 0.2756



88.8644, 0.3130, 0.3876

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.



69.3173, 0.2725, 0.3609



69.3173, 0.3115, 0.2756



69.3173, 0.3495, 0.4017

Square

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



69.3173, 0.3115, 0.2756



69.3173, 0.3934, 0.3628



69.3173, 0.3098, 0.3918



69.3173, 0.2381, 0.2875

Rectangle

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



69.3173, 0.3115, 0.2756



69.3173, 0.3746, 0.3194



69.3173, 0.3098, 0.3918



69.3173, 0.2536, 0.3346

Sweetspot

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



69.3203, 0.3115, 0.2756



90.3537, 0.3125, 0.3143



63.9872, 0.2774, 0.2760



19.1246, 0.3124, 0.3126



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.



69.3203, 0.3115, 0.2756



64.7390, 0.3112, 0.2657



68.9505, 0.3307, 0.2966



18.2091, 0.3123, 0.3055



12.7014, 0.2975, 0.1412



1.2608, 0.3003, 0.1428

Inverse Universe

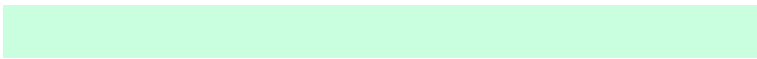
The Inverse Universe completely reimagines the original color for something new.



67.5036, 0.3517, 0.3239



62.6713, 0.3609, 0.3230



89.2429, 0.2981, 0.3639



18.0146, 0.3280, 0.3268



11.1520, 0.6298, 0.3243



1.0947, 0.6096, 0.3132

Previews

White Background



This preview shows how the Yxy color 69.3173, 0.3115, 0.2756 looks on a white background.

Color Contrast Check

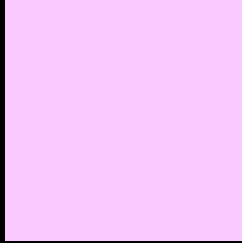
Large Text (above 18pt) WCAG AA × Fail

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 69.3173, 0.3115, 0.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

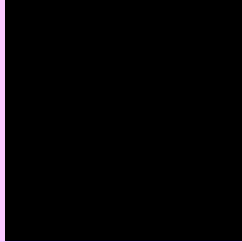
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3173, 0.3115, 0.2756

Background



This preview shows how black text looks on a background with the Yxy color 69.3173, 0.3115, 0.2756.



This preview shows how white text looks on a background with the Yxy color 69.3173, 0.3115, 0.2756.

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

69.3173, 0.3115, 0.2756

Protanopia

69.8870, 0.2832, 0.2873

Deuteranopia

69.5510, 0.2923, 0.2859



Tritanopia

69.3658, 0.3301, 0.3125

Trichromacy



Original Color

69.3173, 0.3115, 0.2756



Protanomaly

69.6558, 0.2930, 0.2832



Deuteranomaly

69.4233, 0.2992, 0.2817



Tritanomaly

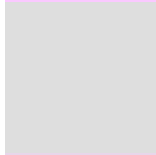
69.4350, 0.3232, 0.2984

Monochromacy



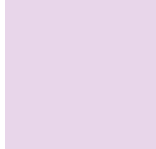
Original Color

69.3173, 0.3115, 0.2756



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

71.1895, 0.3123, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3173, 0.3115, 0.2756 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(250, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 201, 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(250, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.3173, 0.3115, 0.2756 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(250, 201, 255) }
```

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

```
.border{ border-color:rgb(250, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3173, 0.3115, 0.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 201, 255) }
```

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

```
.background{ background-color: rgb(250,  
201, 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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