

Converting Colors

$Y_{xy}(75.0951, 0.3154, 0.2871)$

Have a look what the booklet for
Yxy(75.0951, 0.3154, 0.2871)
contains.

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Color

Yxy(75.0043, 0.3154, 0.2870)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3FE
RGB	255, 211, 254
RGB Percent	100%, 83%, 100%
CMY	0.0000, 0.1725, 0.0039
CMYK	0.00, 0.17, 0.00, 0.00
HSL	301°, 100%, 91%
HSV	301°, 17%, 100%
XYZ	82.4263, 75.0043, 103.9084
YIQ	229.0580, 12.4210, 22.7010

Conversions

Conversions Part 2

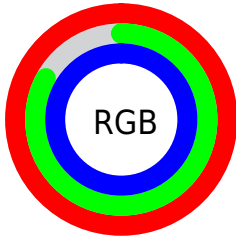
Format	Color
R _Y B	255, 211, 254
Decimal	16765950
CIE _{Lab}	89.40, 22.52, -15.19
CIE _{LCh}	89, 27.166, 326.000
Y _{xy}	75.0043, 0.3154, 0.2870
Android (android.graphics.Color)	4294956030 (0xFFFFD3FE)
Y _{UV}	229.0580, 12.2964, 22.7511
Hunter-Lab	86.6050, 18.3286, -10.5124

Details

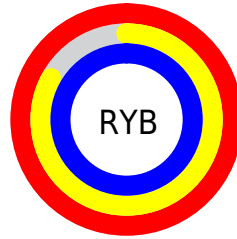
The Yxy color **75.0043, 0.3154, 0.2870** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.1222, 0.3100, 0.3749**, and the grayscale version is **78.3019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8139, 0.3160, 0.2780** is the 20% darker color. If you saturate the color by 10%, you get **63.2886, 0.3171, 0.2623**, and if you desaturate by 10%, it is **88.7341, 0.3138, 0.3116**.

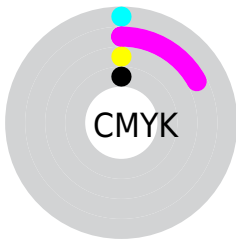
Distribution



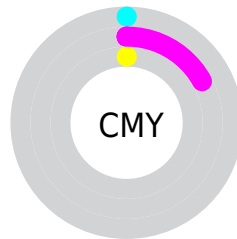
- Red (100%)
- Green (83%)
- Blue (100%)



- Red (100%)
- Yellow (83%)
- Blue (100%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0043, 0.3154, 0.2870 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 75.0043, 0.3154, 0.2870 by changing the saturation by 10% instead.

 75.0043, 0.3154,
0.2870

 75.0043, 0.3154,
0.2870

477.9324, 0.3145,
0.3057

 55.6164, 0.3156,
0.2829


126.3184, 0.3151,
0.2933

 39.8955, 0.3157,
0.2780


159.0135, 0.3150,
0.2958

 27.4570, 0.3159,
0.2718


196.9131, 0.3149,
0.2980

 17.9168, 0.3160,
0.2640

240.4015, 0.3148,
0.2999

 10.8903, 0.3161,
0.2537

289.8633, 0.3147,
0.3016

 5.9931, 0.3159,
0.2397

345.6828, 0.3146,

 2.8409, 0.3152,

0.3031

0.2194

408.2443, 0.3145,
0.3044

1.0492, 0.3128,
0.1877

0.0000, 0.3295,
0.0000

75.0043, 0.3154,
0.2870

75.0043, 0.3154,
0.2870

63.2886, 0.3171,
0.2623

88.7341, 0.3138,
0.3116

53.4860, 0.3187,
0.2384

100.0000, 0.3127,
0.3290

45.4965, 0.3204,
0.2161

39.2086, 0.3220,
0.1965

■ 34.4983, 0.3234,
0.1805

■ 31.2249, 0.3247,
0.1687

■ 29.2229, 0.3257,
0.1612

■ 28.2787, 0.3265,
0.1579

■ 28.1169, 0.3267,
0.1573

Harmonies

Analogous

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



75.0043, 0.2840, 0.2765



75.0043, 0.3154, 0.2870



75.0043, 0.3475, 0.3073

Triad

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



75.0043, 0.3154, 0.2870



75.0043, 0.3655, 0.3798



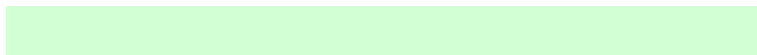
75.0043, 0.2579, 0.3203

Complementary

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



75.0043, 0.3154, 0.2870



90.1222, 0.3100, 0.3749

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.



75.0043, 0.2777, 0.3514



75.0043, 0.3154, 0.2870



75.0043, 0.3397, 0.3870

Square

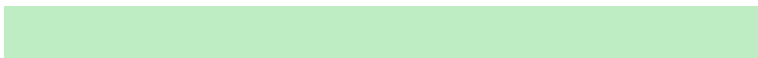
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



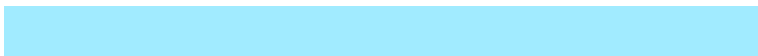
75.0043, 0.3154, 0.2870



75.0043, 0.3772, 0.3596



75.0043, 0.3075, 0.3768



75.0043, 0.2521, 0.2938

Rectangle

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



75.0043, 0.3154, 0.2870



75.0043, 0.3645, 0.3243



75.0043, 0.3075, 0.3768



75.0043, 0.2631, 0.3306

Sweetspot

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



75.0064, 0.3154, 0.2870



92.1148, 0.3135, 0.3171



67.7677, 0.2848, 0.2820



19.4883, 0.3136, 0.3154



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.



75.0064, 0.3154, 0.2870



70.3862, 0.3160, 0.2777



73.6913, 0.3305, 0.3078



18.2929, 0.3142, 0.3061



14.6949, 0.3266, 0.1573



1.4329, 0.3259, 0.1569

Inverse Universe

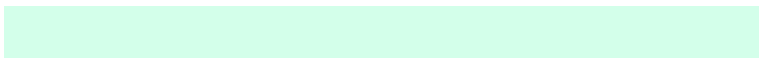
The Inverse Universe completely reimagines the original color for something new.



75.0064, 0.3154, 0.2870



70.3862, 0.3160, 0.2777



91.2945, 0.2979, 0.3512



18.2929, 0.3142, 0.3061



14.6949, 0.3266, 0.1573



1.4329, 0.3259, 0.1569

Previews

White Background



This preview shows how the Yxy color 75.0043, 0.3154, 0.2870 looks on a white background.

Color Contrast Check

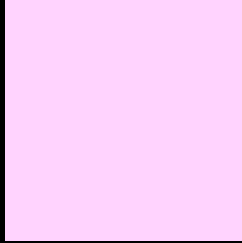
Large Text (above 18pt) WCAG AA × Fail

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 75.0043, 0.3154, 0.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

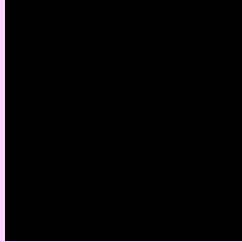
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0043, 0.3154, 0.2870

Background



This preview shows how black text looks on a background with the Yxy color 75.0043, 0.3154, 0.2870.

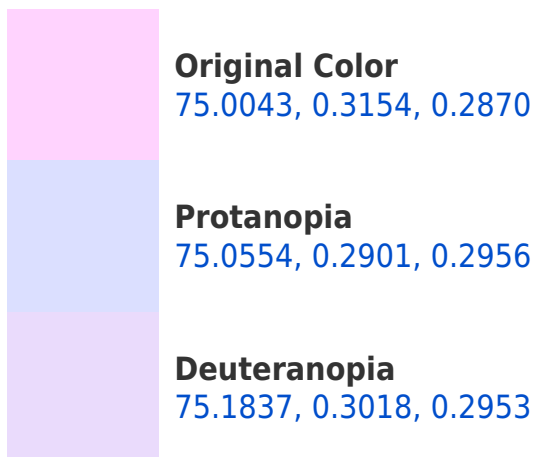


This preview shows how white text looks on a background with the Yxy color 75.0043, 0.3154, 0.2870.

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





Tritanopia

75.1225, 0.3281, 0.3120

Trichromacy



Original Color

75.0043, 0.3154, 0.2870

Protanomaly

75.0388, 0.2986, 0.2923

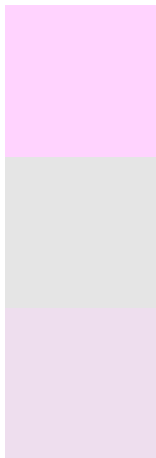
Deuteranomaly

75.0808, 0.3067, 0.2919

Tritanomaly

75.2671, 0.3233, 0.3031

Monochromacy



Original Color

75.0043, 0.3154, 0.2870

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

76.5927, 0.3135, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0043, 0.3154, 0.2870 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, 211, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 254)  
}
```

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, 211, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 254) }
```

Border

The CSS property to change the border of an element to Yxy 75.0043, 0.3154, 0.2870 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, 211, 254) }
```

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

```
.border{ border-color:rgb(255, 211, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0043, 0.3154, 0.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 254) }
```

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

```
.background{ background-color: rgb(255,  
211, 254) }
```

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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