

Converting Colors

$Y_{xy}(73.8890, 0.3065, 0.2793)$

Have a look what the booklet for
Yxy(73.8890, 0.3065, 0.2793)
contains.

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Color

Yxy(73.4529, 0.3105, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	F9D2FF
RGB	249, 210, 255
RGB Percent	98%, 82%, 100%
CMY	0.0235, 0.1765, 0.0000
CMYK	0.02, 0.18, 0.00, 0.00
HSL	292°, 100%, 91%
HSV	292°, 18%, 100%
XYZ	80.1656, 73.4529, 104.5639
YIQ	226.7910, 8.7990, 22.2630

Conversions

Conversions Part 2

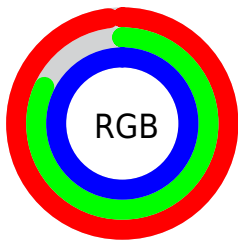
Format	Color
R_{YB}	249, 210, 255
Decimal	16372479
CIE _{Lab}	88.66, 21.28, -16.87
CIE _{LCh}	89, 27.150, 321.596
Yxy	73.4529, 0.3105, 0.2845
Android (android.graphics.Color)	4294562559 (0xFFFF9D2FF)
YUV	226.7910, 13.9070, 19.4773
Hunter-Lab	85.7047, 16.9805, -12.3434

Details

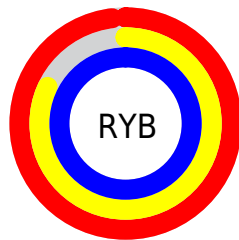
The Yxy color **73.4529, 0.3105, 0.2845** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.7714, 0.3142, 0.3767**, and the grayscale version is **76.5507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7264, 0.3096, 0.2747** is the 20% darker color. If you saturate the color by 10%, you get **61.2330, 0.3088, 0.2584**, and if you desaturate by 10%, it is **87.6958, 0.3119, 0.3101**.

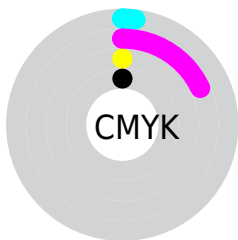
Distribution



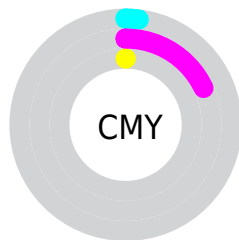
- Red (98%)
- Green (82%)
- Blue (100%)



- Red (98%)
- Yellow (82%)
- Blue (100%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4529, 0.3105, 0.2845 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 73.4529, 0.3105, 0.2845 by changing the saturation by 10% instead.

 73.4529, 0.3105,
0.2845

 73.4529, 0.3105,
0.2845


472.5830, 0.3118,
0.3043

 54.3464, 0.3101,
0.2802


124.1199, 0.3110,
0.2912

 38.8786, 0.3097,
0.2749


156.4493, 0.3112,
0.2939

 26.6653, 0.3090,
0.2683


193.9550, 0.3113,
0.2962

 17.3220, 0.3081,
0.2600

237.0214, 0.3115,
0.2982

 10.4644, 0.3067,
0.2490

286.0331, 0.3116,
0.3000

 5.7079, 0.3046,
0.2340

341.3743, 0.3117,

 2.6683, 0.3007,

0.3016

0.2122

403.4295, 0.3117,
0.3030

0.9611, 0.2929,
0.1783

0.0000, 0.2710,
0.0000

73.4529, 0.3105,
0.2845

73.4529, 0.3105,
0.2845

61.2330, 0.3088,
0.2584

87.6958, 0.3119,
0.3101

50.9328, 0.3066,
0.2326

100.0000, 0.3127,
0.3290

42.4526, 0.3041,
0.2081

35.6803, 0.3012,
0.1859

■ 30.4914, 0.2980,
0.1671

■ 26.7443, 0.2946,
0.1524

■ 24.2722, 0.2912,
0.1423

■ 22.8549, 0.2877,
0.1364

■ 22.5988, 0.2868,
0.1354

Harmonies

Analogous

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



73.4529, 0.2798, 0.2757



73.4529, 0.3105, 0.2845



73.4529, 0.3433, 0.3037

Triad

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



73.4529, 0.3105, 0.2845



73.4529, 0.3686, 0.3778



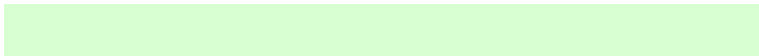
73.4529, 0.2597, 0.3247

Complementary

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



73.4529, 0.3105, 0.2845



90.7714, 0.3142, 0.3767

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.



73.4529, 0.2814, 0.3560



73.4529, 0.3105, 0.2845



73.4529, 0.3443, 0.3874

Square

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



73.4529, 0.3105, 0.2845



73.4529, 0.3778, 0.3561



73.4529, 0.3122, 0.3797



73.4529, 0.2517, 0.2968

Rectangle

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



73.4529, 0.3105, 0.2845



73.4529, 0.3616, 0.3203



73.4529, 0.3122, 0.3797



73.4529, 0.2656, 0.3353

Sweetspot

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



73.4557, 0.3105, 0.2845



91.8126, 0.3122, 0.3167



70.0350, 0.2839, 0.2874



19.4146, 0.3121, 0.3150



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.



73.4557, 0.3105, 0.2845



69.1359, 0.3100, 0.2758



73.5571, 0.3262, 0.3007



18.1705, 0.3117, 0.3054



11.8560, 0.2874, 0.1357



1.1869, 0.2915, 0.1379

Inverse Universe

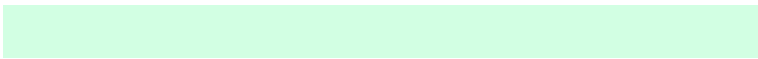
The Inverse Universe completely reimagines the original color for something new.



72.3121, 0.3425, 0.3230



67.8261, 0.3496, 0.3218



90.7406, 0.3013, 0.3591



18.0264, 0.3273, 0.3259



11.1810, 0.6232, 0.3207



1.1002, 0.5977, 0.3066

Previews

White Background



This preview shows how the Yxy color 73.4529, 0.3105, 0.2845 looks on a white background.

Color Contrast Check

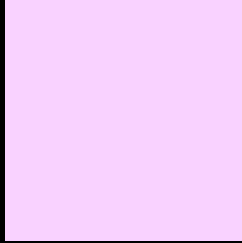
Large Text (above 18pt) WCAG AA × Fail

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 73.4529, 0.3105, 0.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

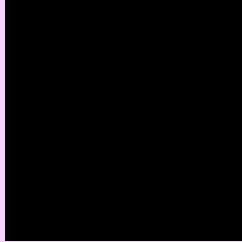
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4529, 0.3105, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 73.4529, 0.3105, 0.2845.



This preview shows how white text looks on a background with the Yxy color 73.4529, 0.3105, 0.2845.

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

73.4529, 0.3105, 0.2845

Protanopia

73.5318, 0.2880, 0.2932

Deuteranopia

73.6045, 0.2978, 0.2910



Tritanopia

73.2751, 0.3238, 0.3116

Trichromacy



Original Color

73.4529, 0.3105, 0.2845

Protanomaly

73.3397, 0.2959, 0.2899

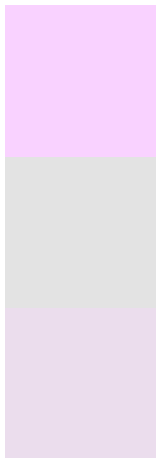
Deuteranomaly

73.2534, 0.3026, 0.2884

Tritanomaly

73.4726, 0.3183, 0.3017

Monochromacy



Original Color

73.4529, 0.3105, 0.2845

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.4895, 0.3121, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4529, 0.3105, 0.2845 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(249, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 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(249, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.4529, 0.3105, 0.2845 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(249, 210, 255) }
```

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

```
.border{ border-color:rgb(249, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4529, 0.3105, 0.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 255) }
```

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

```
.background{ background-color: rgb(249,  
210, 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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