

Converting Colors

$Y_{xy}(75.6450, 0.3105, 0.2889)$

Have a look what the booklet for
Yxy(75.6450, 0.3105, 0.2889)
contains.

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Color

Yxy(75.4529, 0.3104, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	F9D6FF
RGB	249, 214, 255
RGB Percent	98%, 84%, 100%
CMY	0.0233, 0.1609, 0.0000
CMYK	0.02, 0.16, 0.00, 0.00
HSL	291°, 100%, 92%
HSV	291°, 16%, 100%
XYZ	81.1805, 75.4529, 104.9018
YIQ	229.1390, 7.6990, 20.1710

Conversions

Conversions Part 2

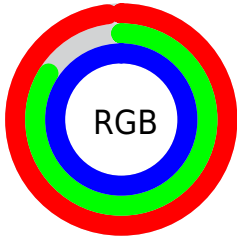
Format	Color
R _Y B	249, 214, 255
Decimal	16373503
CIE Lab	89.60, 19.20, -15.45
CIE LCh	90, 24.650, 321.173
Yxy	75.4529, 0.3104, 0.2885
Android (android.graphics.Color)	4294563583 (0xFFFF9D6FF)
YUV	229.1390, 12.7495, 17.4181
Hunter-Lab	86.8636, 14.8102, -10.7976

Details

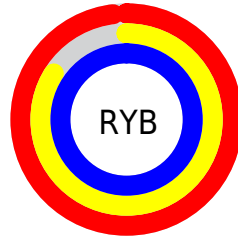
The Yxy color $75.4529, 0.3104, 0.2885$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.5776, 0.3144, 0.3720$, and the grayscale version is $78.3678, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.0800, 0.3095, 0.2798$ is the 20% darker color. If you saturate the color by 10%, you get $62.8720, 0.3085, 0.2624$, and if you desaturate by 10%, it is $90.0725, 0.3120, 0.3140$.

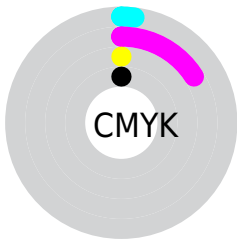
Distribution



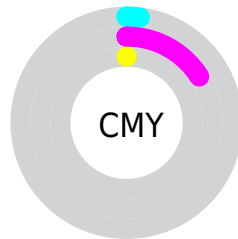
- Red (98%)
- Green (84%)
- Blue (100%)



- Red (98%)
- Yellow (84%)
- Blue (100%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4529, 0.3104, 0.2885 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 75.4529, 0.3104, 0.2885 by changing the saturation by 10% instead.


 75.4529, 0.3104,
0.2885

 75.4529, 0.3104,
0.2885


479.4728, 0.3117,
0.3065

 55.9840, 0.3101,
0.2845

126.9533, 0.3109,
0.2946

 40.1901, 0.3096,
0.2797


159.7535, 0.3111,
0.2970

 27.6868, 0.3090,
0.2738

197.7663, 0.3112,
0.2991

 18.0897, 0.3082,
0.2662

241.3761, 0.3114,
0.3010

 11.0144, 0.3069,
0.2562

290.9673, 0.3115,
0.3026

 6.0765, 0.3049,
0.2426

346.9242, 0.3116,

 2.8917, 0.3015,

0.3041

0.2227

409.6312, 0.3116,
0.3054

■ 1.0754, 0.2948,
0.1917

■ 0.0000, 0.2923,
0.0000

■ 75.4529, 0.3104,
0.2885

■ 75.4529, 0.3104,
0.2885

■ 62.8720, 0.3085,
0.2624

■ 90.0725, 0.3120,
0.3140

■ 52.2283, 0.3061,
0.2363

100.0000, 0.3127,
0.3290

■ 43.4233, 0.3033,
0.2114

■ 36.3465, 0.3002,
0.1885

■ 30.8754, 0.2967,
0.1689

■ 26.8715, 0.2930,
0.1533

■ 24.1729, 0.2892,
0.1422

■ 22.5781, 0.2853,
0.1355

■ 22.1374, 0.2839,
0.1337

Harmonies

Analogous

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



75.4529, 0.2827, 0.2807



75.4529, 0.3104, 0.2885



75.4529, 0.3399, 0.3059

Triad

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



75.4529, 0.3104, 0.2885



75.4529, 0.3633, 0.3728



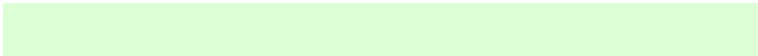
75.4529, 0.2650, 0.3257

Complementary

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



75.4529, 0.3104, 0.2885



91.5776, 0.3144, 0.3720

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.



75.4529, 0.2849, 0.3536



75.4529, 0.3104, 0.2885



75.4529, 0.3416, 0.3814

Square

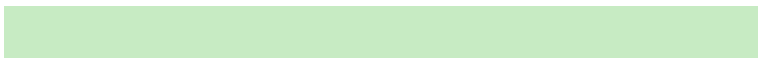
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4529, 0.3104, 0.2885



75.4529, 0.3712, 0.3534



75.4529, 0.3128, 0.3746



75.4529, 0.2575, 0.3005

Rectangle

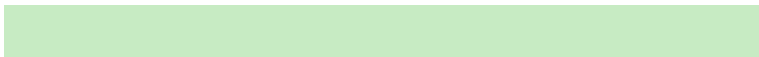
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4529, 0.3104, 0.2885



75.4529, 0.3563, 0.3210



75.4529, 0.3128, 0.3746



75.4529, 0.2704, 0.3352

Sweetspot

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



75.4554, 0.3104, 0.2885



91.7847, 0.3121, 0.3167



72.7711, 0.2867, 0.2922



19.4078, 0.3120, 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.



75.4554, 0.3104, 0.2885



71.5816, 0.3099, 0.2809



75.6741, 0.3244, 0.3026



18.1593, 0.3115, 0.3054



11.6182, 0.2845, 0.1341



1.1660, 0.2889, 0.1365

Inverse Universe

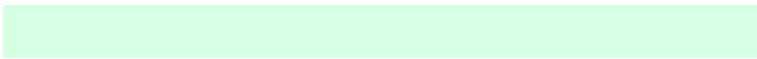
The Inverse Universe completely reimagines the original color for something new.



74.5076, 0.3391, 0.3231



70.5008, 0.3449, 0.3219



91.4338, 0.3027, 0.3569



18.0299, 0.3271, 0.3256



11.1912, 0.6209, 0.3194



1.1019, 0.5944, 0.3048

Previews

White Background



This preview shows how the Yxy color 75.4529, 0.3104, 0.2885 looks on a white background.

Color Contrast Check

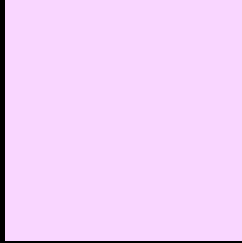
Large Text (above 18pt) WCAG AA × Fail

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 75.4529, 0.3104, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

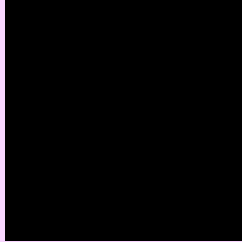
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

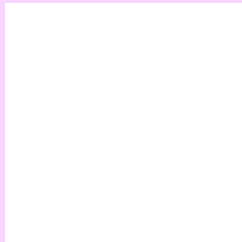
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4529, 0.3104, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 75.4529, 0.3104, 0.2885.



This preview shows how white text looks on a background with the Yxy color 75.4529, 0.3104, 0.2885.

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

75.4529, 0.3104, 0.2885

Protanopia

75.7470, 0.2907, 0.2967

Deuteranopia

75.8346, 0.3006, 0.2944



Tritanopia

75.7338, 0.3214, 0.3118

Trichromacy



Original Color

75.4529, 0.3104, 0.2885

Protanomaly

75.3953, 0.2979, 0.2932

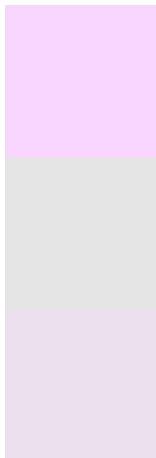
Deuteranomaly

75.6493, 0.3040, 0.2927

Tritanomaly

75.8107, 0.3175, 0.3039

Monochromacy



Original Color

75.4529, 0.3104, 0.2885

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.3172, 0.3120, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4529, 0.3104, 0.2885 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 214, 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, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.4529, 0.3104, 0.2885 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, 214, 255) }
```

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

```
.border{ border-color:rgb(249, 214, 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, 214, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4529, 0.3104, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 214, 255) }
```

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

```
.background{ background-color: rgb(249,  
214, 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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