

Converting Colors

$Y_{xy}(73.5470, 0.3212, 0.2929)$

Have a look what the booklet for
Yxy(73.5470, 0.3212, 0.2929)
contains.

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Color

Yxy(73.5147, 0.3210, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1F6
RGB	255, 209, 246
RGB Percent	100%, 82%, 96%
CMY	0.0000, 0.1804, 0.0352
CMYK	0.00, 0.18, 0.04, 0.00
HSL	312°, 100%, 91%
HSV	312°, 18%, 100%
XYZ	80.6777, 73.5147, 97.1399
YIQ	226.9720, 15.5390, 21.2590

Conversions

Conversions Part 2

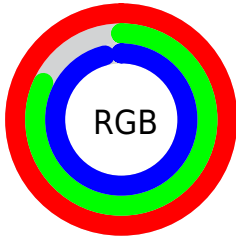
Format	Color
R _Y B	255, 209, 246
Decimal	16765430
CIE Lab	88.69, 22.15, -12.03
CIE LCh	89, 25.209, 331.496
Yxy	73.5147, 0.3210, 0.2925
Android (android.graphics.Color)	4294955510 (0xFFFFD1F6)
YUV	226.9720, 9.3808, 24.5806
Hunter-Lab	85.7407, 17.9132, -7.1541

Details

The Yxy color $73.5147, 0.3210, 0.2925$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.1369, 0.3054, 0.3685$, and the grayscale version is $76.7185, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.8347, 0.3225, 0.2838$ is the 20% darker color. If you saturate the color by 10%, you get $61.6880, 0.3266, 0.2716$, and if you desaturate by 10%, it is $87.3572, 0.3161, 0.3130$.

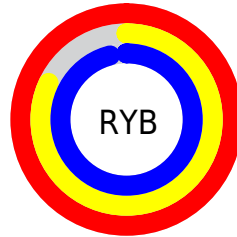
Distribution



Red (100%)

Green (82%)

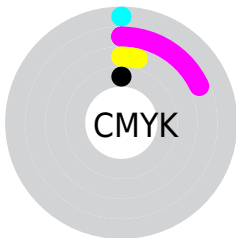
Blue (96%)



Red (100%)

Yellow (82%)

Blue (96%)

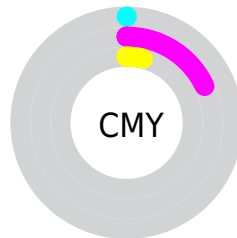


Cyan (0%)

Magenta (18%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5147, 0.3210, 0.2925 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 73.5147, 0.3210, 0.2925 by changing the saturation by 10% instead.


 73.5147, 0.3210,
0.2925

 73.5147, 0.3210,
0.2925


472.7967, 0.3174,
0.3088

 54.3969, 0.3218,
0.2889

124.2076, 0.3198,
0.2981

 38.9191, 0.3227,
0.2845


156.5516, 0.3193,
0.3003

 26.6968, 0.3238,
0.2790


194.0730, 0.3189,
0.3022

 17.3456, 0.3252,
0.2720

237.1564, 0.3185,
0.3038

 10.4812, 0.3270,
0.2628

286.1860, 0.3182,
0.3053

 5.7192, 0.3294,
0.2500

341.5464, 0.3179,

 2.6751, 0.3326,

0.3066

0.2312

403.6218, 0.3177,
0.3078

■ 0.9646, 0.3370,
0.2011

■ 0.0000, 0.3711,
0.0000

■ 73.5147, 0.3210,
0.2925

■ 73.5147, 0.3210,
0.2925

■ 61.6880, 0.3266,
0.2716

■ 87.3572, 0.3161,
0.3130

■ 51.7743, 0.3328,
0.2511

100.0000, 0.3127,
0.3290

■ 43.6733, 0.3397,
0.2318

■ 37.2725, 0.3471,
0.2148

■ 32.4468, 0.3548,
0.2009

■ 29.0538, 0.3626,
0.1913

■ 26.9255, 0.3701,
0.1863

■ 25.8338, 0.3773,
0.1858

■ 25.6778, 0.3787,
0.1860

Harmonies

Analogous

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



73.5147, 0.2909, 0.2807



73.5147, 0.3210, 0.2925



73.5147, 0.3501, 0.3129

Triad

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



73.5147, 0.3210, 0.2925



73.5147, 0.3585, 0.3788



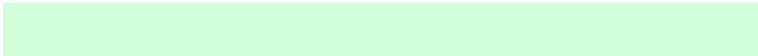
73.5147, 0.2593, 0.3159

Complementary

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



73.5147, 0.3210, 0.2925



90.1369, 0.3054, 0.3685

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.



73.5147, 0.2758, 0.3447



73.5147, 0.3210, 0.2925



73.5147, 0.3327, 0.3826

Square

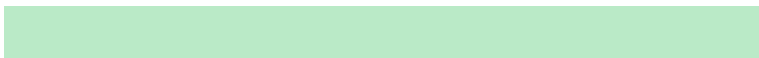
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5147, 0.3210, 0.2925



73.5147, 0.3722, 0.3618



73.5147, 0.3024, 0.3700



73.5147, 0.2565, 0.2926

Rectangle

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



73.5147, 0.3210, 0.2925



73.5147, 0.3644, 0.3293



73.5147, 0.3024, 0.3700



73.5147, 0.2634, 0.3253

Sweetspot

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



73.5172, 0.3210, 0.2925



91.9739, 0.3148, 0.3192



67.6408, 0.2885, 0.2804



19.4539, 0.3151, 0.3177



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.



73.5172, 0.3210, 0.2925



68.5953, 0.3231, 0.2842



72.2207, 0.3371, 0.3144



18.2360, 0.3168, 0.3101



13.4387, 0.3776, 0.1854



1.3233, 0.3699, 0.1811

Inverse Universe

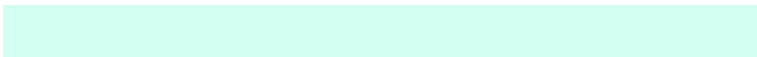
The Inverse Universe completely reimagines the original color for something new.



73.5172, 0.3210, 0.2925



68.5953, 0.3231, 0.2842



91.3928, 0.2932, 0.3442



18.2360, 0.3168, 0.3101



13.4387, 0.3776, 0.1854



1.3233, 0.3699, 0.1811

Previews

White Background



This preview shows how the Yxy color 73.5147, 0.3210, 0.2925 looks on a white background.

Color Contrast Check

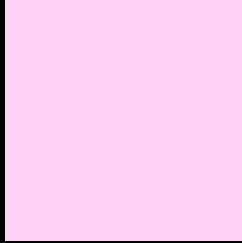
Large Text (above 18pt) WCAG AA × Fail

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 73.5147, 0.3210, 0.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

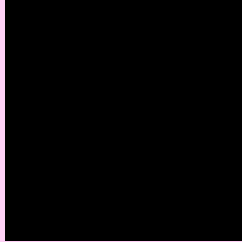
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5147, 0.3210, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 73.5147, 0.3210, 0.2925.



This preview shows how white text looks on a background with the Yxy color 73.5147, 0.3210, 0.2925.

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

73.5147, 0.3210, 0.2925

Protanopia

73.7741, 0.2899, 0.2944

Deuteranopia

73.8804, 0.3070, 0.3002



Tritanopia

73.6268, 0.3313, 0.3119

Trichromacy



Original Color

73.5147, 0.3210, 0.2925

Protanomaly

73.5797, 0.3004, 0.2940

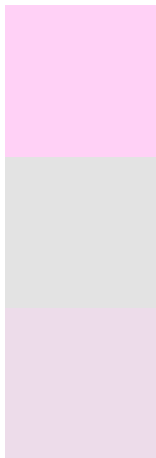
Deuteranomaly

73.5630, 0.3120, 0.2976

Tritanomaly

73.6575, 0.3278, 0.3050

Monochromacy



Original Color

73.5147, 0.3210, 0.2925

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.1314, 0.3155, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5147, 0.3210, 0.2925 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, 209, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 246)  
}
```

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, 209, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 246) }
```

Border

The CSS property to change the border of an element to Yxy 73.5147, 0.3210, 0.2925 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, 209, 246) }
```

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

```
.border{ border-color:rgb(255, 209, 246) }
```

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

Here you see how a box with a 4 pixel rgb(255, 209, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5147, 0.3210, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 246) }
```

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

```
.background{ background-color: rgb(255,  
209, 246) }
```

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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