

Converting Colors

$Y_{xy}(73.8471, 0.3177, 0.2844)$

Have a look what the booklet for
Yxy(73.8471, 0.3177, 0.2844)
contains.

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Color

Yxy(73.5275, 0.3156, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0FE
RGB	255, 208, 254
RGB Percent	100%, 82%, 100%
CMY	0.0000, 0.1844, 0.0039
CMYK	0.00, 0.18, 0.00, 0.00
HSL	301°, 100%, 91%
HSV	301°, 18%, 100%
XYZ	81.7087, 73.5275, 103.6634
YIQ	227.2970, 13.2460, 24.2700

Conversions

Conversions Part 2

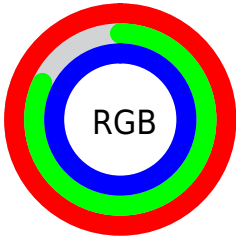
Format	Color
R _Y B	255, 208, 254
Decimal	16765182
CIE Lab	88.70, 24.14, -16.24
CIE LCh	89, 29.089, 326.070
Yxy	73.5275, 0.3156, 0.2840
Android (android.graphics.Color)	4294955262 (0xFFFFD0FE)
YUV	227.2970, 13.1646, 24.2955
Hunter-Lab	85.7482, 20.0319, -11.6536

Details

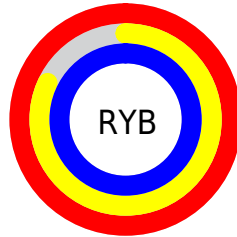
The Yxy color $73.5275, 0.3156, 0.2840$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.5273, 0.3098, 0.3785$, and the grayscale version is $76.9267, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.8194, 0.3162, 0.2743$ is the 20% darker color. If you saturate the color by 10%, you get $62.0326, 0.3172, 0.2593$, and if you desaturate by 10%, it is $86.9970, 0.3140, 0.3087$.

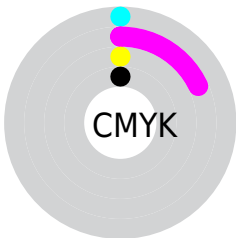
Distribution



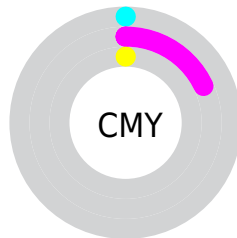
- Red (100%)
- Green (82%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5275, 0.3156, 0.2840 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 73.5275, 0.3156, 0.2840 by changing the saturation by 10% instead.


 73.5275, 0.3156,
0.2840

 73.5275, 0.3156,
0.2840

472.8410, 0.3146,
0.3040

 54.4074, 0.3158,
0.2796


124.2258, 0.3153,
0.2908

 38.9275, 0.3159,
0.2743

156.5727, 0.3152,
0.2935

 26.7033, 0.3161,
0.2677


194.0975, 0.3151,
0.2958

 17.3505, 0.3162,
0.2593

237.1843, 0.3150,
0.2978

 10.4847, 0.3162,
0.2483

286.2177, 0.3149,
0.2996

 5.7215, 0.3159,
0.2333

341.5820, 0.3148,

 2.6765, 0.3150,

0.3013

0.2116

403.6617, 0.3147,
0.3027

0.9653, 0.3120,
0.1778

0.0000, 0.3161,
0.0000

73.5275, 0.3156,
0.2840

73.5275, 0.3156,
0.2840

62.0326, 0.3172,
0.2593

86.9970, 0.3140,
0.3087

52.4533, 0.3188,
0.2355

100.0000, 0.3127,
0.3290

44.6745, 0.3204,
0.2135

38.5832, 0.3220,
0.1943

■ 34.0537, 0.3233,
0.1787

■ 30.9430, 0.3245,
0.1674

■ 29.0817, 0.3255,
0.1605

■ 28.2323, 0.3262,
0.1574

■ 28.1409, 0.3263,
0.1571

Harmonies

Analogous

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



73.5275, 0.2819, 0.2727



73.5275, 0.3156, 0.2840



73.5275, 0.3503, 0.3057

Triad

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



73.5275, 0.3156, 0.2840



73.5275, 0.3695, 0.3836



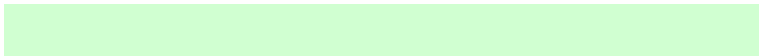
73.5275, 0.2538, 0.3193

Complementary

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



73.5275, 0.3156, 0.2840



89.5273, 0.3098, 0.3785

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.



73.5275, 0.2750, 0.3531



73.5275, 0.3156, 0.2840



73.5275, 0.3415, 0.3917

Square

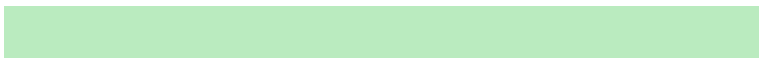
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



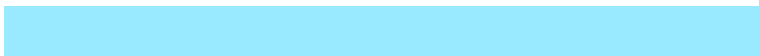
73.5275, 0.3156, 0.2840



73.5275, 0.3822, 0.3617



73.5275, 0.3068, 0.3807



73.5275, 0.2477, 0.2909

Rectangle

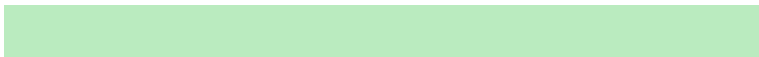
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5275, 0.3156, 0.2840



73.5275, 0.3686, 0.3239



73.5275, 0.3068, 0.3807



73.5275, 0.2593, 0.3305

Sweetspot

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



73.5153, 0.3155, 0.2840



90.6031, 0.3136, 0.3146



65.8385, 0.2826, 0.2784



19.1837, 0.3137, 0.3130



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.



73.5153, 0.3155, 0.2840



69.2054, 0.3161, 0.2752



72.1113, 0.3320, 0.3063



18.2934, 0.3141, 0.3061



14.7072, 0.3262, 0.1571



1.4340, 0.3256, 0.1567

Inverse Universe

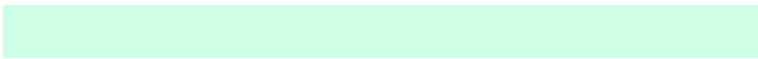
The Inverse Universe completely reimagines the original color for something new.



73.5153, 0.3155, 0.2840



69.2054, 0.3161, 0.2752



90.7676, 0.2970, 0.3529



18.2934, 0.3141, 0.3061



14.7072, 0.3262, 0.1571



1.4340, 0.3256, 0.1567

Previews

White Background



This preview shows how the Yxy color 73.5275, 0.3156, 0.2840 looks on a white background.

Color Contrast Check

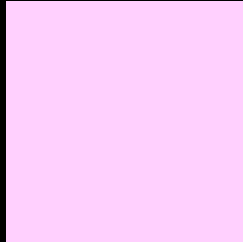
Large Text (above 18pt) WCAG AA × Fail

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 73.5275, 0.3156, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

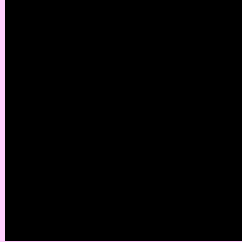
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5275, 0.3156, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 73.5275, 0.3156, 0.2840.



This preview shows how white text looks on a background with the Yxy color 73.5275, 0.3156, 0.2840.

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

73.5275, 0.3156, 0.2840

Protanopia

73.5318, 0.2880, 0.2932

Deuteranopia

73.6429, 0.2998, 0.2930



Tritanopia

73.2533, 0.3298, 0.3118

Trichromacy



Original Color

73.5275, 0.3156, 0.2840



Protanomaly

73.1547, 0.2972, 0.2890



Deuteranomaly

73.7102, 0.3054, 0.2896



Tritanomaly

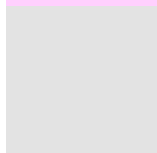
73.4570, 0.3243, 0.3020

Monochromacy



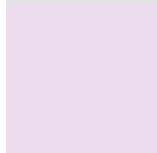
Original Color

73.5275, 0.3156, 0.2840



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

75.3053, 0.3135, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5275, 0.3156, 0.2840 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, 208, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 254) }
```

Border

The CSS property to change the border of an element to Yxy 73.5275, 0.3156, 0.2840 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, 208, 254) }
```

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

```
.border{ border-color:rgb(255, 208, 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, 208, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5275, 0.3156, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 254) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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