

Converting Colors

$Y_{xy}(90.3249, 0.2312, 0.1710)$

Have a look what the booklet for
Yxy(90.3249, 0.2312, 0.1710)
contains.

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Color

Yxy(74.3840, 0.3141, 0.2850)

Conversions

Conversions Part 1

Format	Color
Hex	FED2FF
RGB	254, 210, 255
RGB Percent	100%, 82%, 100%
CMY	0.0038, 0.1765, 0.0000
CMYK	0.00, 0.18, 0.00, 0.00
HSL	299°, 100%, 91%
HSV	299°, 18%, 100%
XYZ	81.9790, 74.3840, 104.6335
YIQ	228.2860, 11.7790, 23.3230

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 210, 255
Decimal	16700159
CIE Lab	89.10, 22.91, -16.15
CIE LCh	89, 28.033, 324.822
Yxy	74.3840, 0.3141, 0.2850
Android (android.graphics.Color)	4294890239 (0xFF FED2FF)
YUV	228.2860, 13.1700, 22.5512
Hunter-Lab	86.2462, 18.7377, -11.5581

Details

The Yxy color $74.3840, 0.3141, 0.2850$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.0049, 0.3110, 0.3771$, and the grayscale version is $77.7028, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.3902, 0.3143, 0.2755$ is the 20% darker color. If you saturate the color by 10%, you get $62.6832, 0.3148, 0.2597$, and if you desaturate by 10%, it is $88.0974, 0.3133, 0.3102$.

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 74.3840, 0.3141, 0.2850 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 74.3840, 0.3141, 0.2850 by changing the saturation by 10% instead.


 74.3840, 0.3141,
0.2850

 74.3840, 0.3141,
0.2850

475.7976, 0.3138,
0.3045

 55.1084, 0.3141,
0.2807

125.4400, 0.3140,
0.2916

 39.4885, 0.3141,
0.2755


157.9892, 0.3140,
0.2942

 27.1400, 0.3140,
0.2691


195.7317, 0.3140,
0.2965

 17.6784, 0.3138,
0.2609

239.0519, 0.3139,
0.2985

 10.7193, 0.3135,
0.2502

288.3342, 0.3139,
0.3003

 5.8784, 0.3127,
0.2355

343.9630, 0.3138,

 2.7713, 0.3111,

0.3019

0.2144

406.3227, 0.3138,
0.3033

■ 1.0135, 0.3069,
0.1815

■ 0.0000, 0.3127,
0.0000

■ 74.3840, 0.3141,
0.2850

■ 74.3840, 0.3141,
0.2850

■ 62.6832, 0.3148,
0.2597

■ 88.0974, 0.3133,
0.3102

■ 52.8906, 0.3154,
0.2352

99.9992, 0.3127,
0.3290

■ 44.9069, 0.3159,
0.2124

■ 38.6201, 0.3163,
0.1923

■ 33.9057, 0.3164,
0.1758

■ 30.6224, 0.3163,
0.1635

■ 28.6032, 0.3161,
0.1557

■ 27.6281, 0.3157,
0.1518

■ 27.4746, 0.3156,
0.1512

Harmonies

Analogous

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



74.3840, 0.2819, 0.2746



74.3840, 0.3141, 0.2850



74.3840, 0.3475, 0.3056

Triad

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



74.3840, 0.3141, 0.2850



74.3840, 0.3681, 0.3809



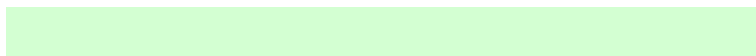
74.3840, 0.2566, 0.3211

Complementary

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



74.3840, 0.3141, 0.2850



90.0049, 0.3110, 0.3771

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.



74.3840, 0.2776, 0.3535



74.3840, 0.3141, 0.2850



74.3840, 0.3418, 0.3891

Square

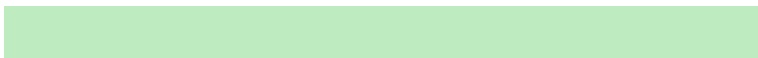
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



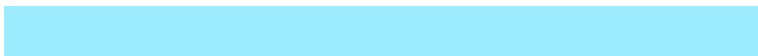
74.3840, 0.3141, 0.2850



74.3840, 0.3796, 0.3595



74.3840, 0.3085, 0.3793



74.3840, 0.2501, 0.2934

Rectangle

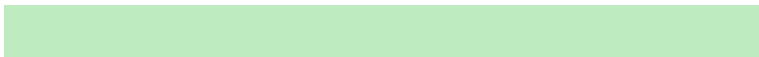
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3840, 0.3141, 0.2850



74.3840, 0.3654, 0.3230



74.3840, 0.3085, 0.3793



74.3840, 0.2621, 0.3319

Sweetspot

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



74.3872, 0.3141, 0.2850



92.0824, 0.3131, 0.3168



67.7529, 0.2836, 0.2824



19.4804, 0.3132, 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.



74.3872, 0.3141, 0.2850



70.2505, 0.3143, 0.2765



73.2869, 0.3294, 0.3051



18.2798, 0.3135, 0.3056



14.3664, 0.3157, 0.1513



1.4048, 0.3163, 0.1516

Inverse Universe

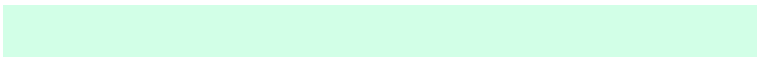
The Inverse Universe completely reimagines the original color for something new.



72.0470, 0.3463, 0.3281



67.5350, 0.3543, 0.3280



90.9819, 0.2988, 0.3542



17.9933, 0.3291, 0.3285



11.1176, 0.6379, 0.3288



1.0846, 0.6329, 0.3260

Previews

White Background



This preview shows how the Yxy color 74.3840, 0.3141, 0.2850 looks on a white background.

Color Contrast Check

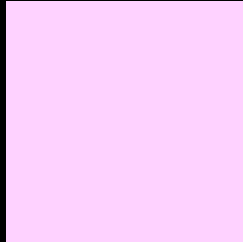
Large Text (above 18pt) WCAG AA × Fail

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 74.3840, 0.3141, 0.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

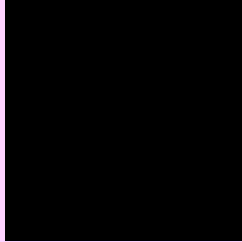
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3840, 0.3141, 0.2850

Background



This preview shows how black text looks on a background with the Yxy color 74.3840, 0.3141, 0.2850.



This preview shows how white text looks on a background with the Yxy color 74.3840, 0.3141, 0.2850.

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

74.3840, 0.3141, 0.2850

Protanopia

74.9008, 0.2894, 0.2955

Deuteranopia

74.3905, 0.2998, 0.2932



Tritanopia

74.3719, 0.3282, 0.3119

Trichromacy



Original Color

74.3840, 0.3141, 0.2850



Protanomaly

74.3517, 0.2979, 0.2911



Deuteranomaly

74.2819, 0.3047, 0.2897



Tritanomaly

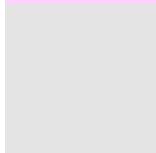
74.5752, 0.3227, 0.3021

Monochromacy



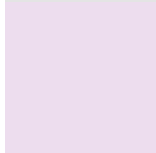
Original Color

74.3840, 0.3141, 0.2850



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

75.8905, 0.3128, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3840, 0.3141, 0.2850 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(254, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.3840, 0.3141, 0.2850 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(254, 210, 255) }
```

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

```
.border{ border-color:rgb(254, 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(254, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3840, 0.3141, 0.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 255) }
```

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

```
.background{ background-color: rgb(254,  
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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