

Converting Colors

Yxy(76.5457, 0.3141, 0.2892)

Have a look what the booklet for
Yxy(76.5457, 0.3141, 0.2892)
contains.

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Color

Yxy(76.3840, 0.3139, 0.2890)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FED6FF |
| RGB | 254, 214, 255 |
| RGB Percent | 100%, 84%, 100% |
| CMY | 0.0039, 0.1607, 0.0001 |
| CMYK | 0.00, 0.16, 0.00, 0.00 |
| HSL | 299°, 100%, 92% |
| HSV | 299°, 16%, 100% |
| XYZ | 82.9652, 76.3840, 104.9553 |
| YIQ | 230.6340, 10.6790, 21.2310 |

Conversions

Conversions Part 2

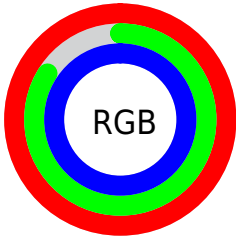
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 254, 214, 255 |
| Decimal | 16701183 |
| CIE _{Lab} | 90.04, 20.79, -14.74 |
| CIE _{LCh} | 90, 25.487, 324.658 |
| Yxy | 76.3840, 0.3139, 0.2890 |
| Android (android.graphics.Color) | 4294891263 (0xFF FED6FF) |
| YUV | 230.6340, 12.0124, 20.4920 |
| Hunter-Lab | 87.3979, 16.5002, -10.0222 |

Details

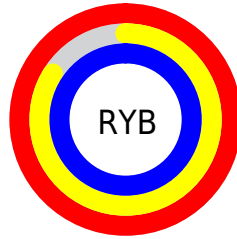
The Yxy color $76.3840, 0.3139, 0.2890$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.8038, 0.3113, 0.3724$, and the grayscale version is $79.5295, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.7438, 0.3141, 0.2805$ is the 20% darker color. If you saturate the color by 10%, you get $64.3606, 0.3146, 0.2637$, and if you desaturate by 10%, it is $90.4344, 0.3132, 0.3141$.

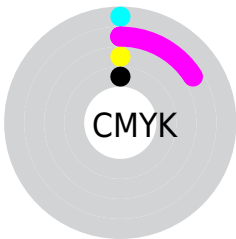
Distribution



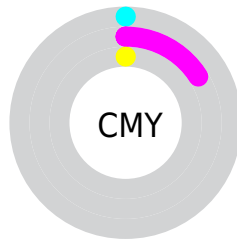
- Red (100%)
- Green (84%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3840, 0.3139, 0.2890 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 76.3840, 0.3139, 0.2890 by changing the saturation by 10% instead.


 76.3840, 0.3139,
0.2890

 76.3840, 0.3139,
0.2890


482.6612, 0.3136,
0.3068

 56.7474, 0.3139,
0.2851


128.2696, 0.3138,
0.2950

 40.8025, 0.3139,
0.2804


161.2874, 0.3138,
0.2974

 28.1648, 0.3138,
0.2746


199.5344, 0.3138,
0.2995

 18.4499, 0.3137,
0.2671

243.3950, 0.3137,
0.3013

 11.2735, 0.3134,
0.2574

293.2535, 0.3137,
0.3029

 6.2511, 0.3128,
0.2441

349.4945, 0.3137,

 2.9984, 0.3115,

0.3043

0.2248

412.5023, 0.3136,
0.3056

■ 1.1309, 0.3082,
0.1947

■ 0.0041, 0.3294,
0.0027

■ 76.3840, 0.3139,
0.2890

■ 76.3840, 0.3139,
0.2890

■ 64.3606, 0.3146,
0.2637

■ 90.4344, 0.3132,
0.3141

■ 54.2605, 0.3151,
0.2389

99.9983, 0.3127,
0.3290

■ 45.9859, 0.3156,
0.2157

■ 39.4265, 0.3159,
0.1951

■ 34.4601, 0.3159,
0.1779

■ 30.9484, 0.3158,
0.1649

■ 28.7293, 0.3155,
0.1563

■ 27.6018, 0.3151,
0.1519

■ 27.3401, 0.3149,
0.1508

Harmonies

Analogous

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



76.3840, 0.2848, 0.2797



76.3840, 0.3139, 0.2890



76.3840, 0.3440, 0.3077

Triad

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



76.3840, 0.3139, 0.2890



76.3840, 0.3628, 0.3758



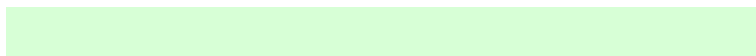
76.3840, 0.2620, 0.3222

Complementary

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



76.3840, 0.3139, 0.2890



90.8038, 0.3113, 0.3724

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.



76.3840, 0.2812, 0.3512



76.3840, 0.3139, 0.2890



76.3840, 0.3392, 0.3830

Square

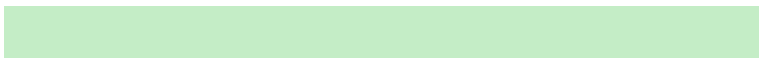
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3840, 0.3139, 0.2890



76.3840, 0.3729, 0.3567



76.3840, 0.3093, 0.3742



76.3840, 0.2560, 0.2971

Rectangle

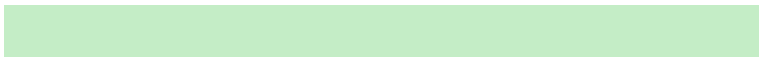
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3840, 0.3139, 0.2890



76.3840, 0.3601, 0.3236



76.3840, 0.3093, 0.3742



76.3840, 0.2671, 0.3319

Sweetspot

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



76.3873, 0.3139, 0.2890



92.0757, 0.3131, 0.3168



70.3086, 0.2865, 0.2870



19.4787, 0.3131, 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.



76.3873, 0.3139, 0.2890



72.6698, 0.3141, 0.2816



75.4014, 0.3277, 0.3073



18.2770, 0.3134, 0.3056



14.2991, 0.3150, 0.1509



1.3990, 0.3157, 0.1513

Inverse Universe

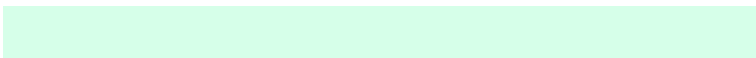
The Inverse Universe completely reimagines the original color for something new.



74.2591, 0.3426, 0.3281



70.2074, 0.3493, 0.3279



91.6914, 0.3000, 0.3518



17.9941, 0.3291, 0.3285



11.1188, 0.6377, 0.3286



1.0850, 0.6319, 0.3255

Previews

White Background



This preview shows how the Yxy color 76.3840, 0.3139, 0.2890 looks on a white background.

Color Contrast Check

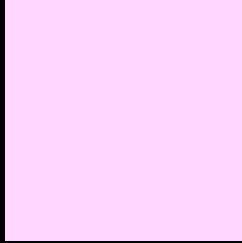
Large Text (above 18pt) WCAG AA × Fail

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 76.3840, 0.3139, 0.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

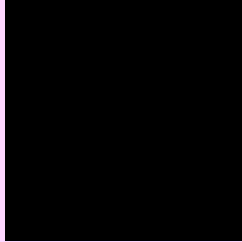
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.3840, 0.3139, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 76.3840, 0.3139, 0.2890.

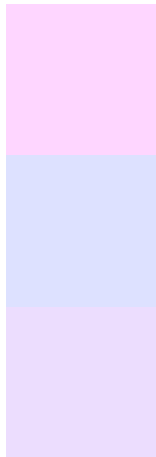


This preview shows how white text looks on a background with the Yxy color 76.3840, 0.3139, 0.2890.

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

76.3840, 0.3139, 0.2890

Protanopia

76.4426, 0.2914, 0.2978

Deuteranopia

76.7015, 0.3019, 0.2956



Tritanopia

76.6502, 0.3250, 0.3120

Trichromacy



Original Color

76.3840, 0.3139, 0.2890

Protanomaly

76.2565, 0.2993, 0.2944

Deuteranomaly

76.3533, 0.3067, 0.2930

Tritanomaly

76.7320, 0.3210, 0.3042

Monochromacy



Original Color

76.3840, 0.3139, 0.2890

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.4924, 0.3127, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3840, 0.3139, 0.2890 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.3840, 0.3139, 0.2890 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, 214, 255) }
```

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

```
.border{ border-color:rgb(254, 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(254, 214, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3840, 0.3139, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 214, 255) }
```

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

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