

Converting Colors

$Y_{xy}(78.9539, 0.3137, 0.2939)$

Have a look what the booklet for
Yxy(78.9539, 0.3137, 0.2939)
contains.

Yxy(78.9539, 0.3137, 0.2939)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.9539, 0.3137, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	FEDBFF
RGB	254, 219, 255
RGB Percent	100%, 86%, 100%
CMY	0.0037, 0.1412, 0.0000
CMYK	0.00, 0.14, 0.00, 0.00
HSL	298°, 100%, 93%
HSV	298°, 14%, 100%
XYZ	84.2730, 78.9539, 105.4151
YIQ	233.5690, 9.3040, 18.6160

Conversions

Conversions Part 2

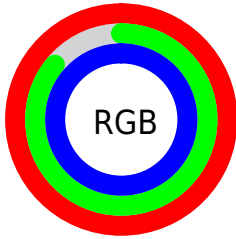
Format	Color
R_{YB}	254, 219, 255
Decimal	16702463
CIE _{Lab}	91.21, 18.22, -13.00
CIE _{LCh}	91, 22.383, 324.483
Yxy	78.9539, 0.3137, 0.2939
Android (android.graphics.Color)	4294892543 (0xFFFE _{DBFF})
YUV	233.5690, 10.5655, 17.9180
Hunter-Lab	88.8560, 13.7954, -8.1400

Details

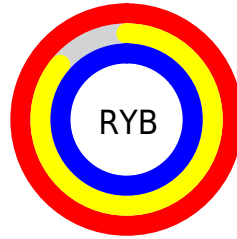
The Yxy color $78.9539, 0.3137, 0.2939$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.8363, 0.3115, 0.3666$, and the grayscale version is $81.8561, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.4985, 0.3138, 0.2868$ is the 20% darker color. If you saturate the color by 10%, you get $66.5314, 0.3143, 0.2685$, and if you desaturate by 10%, it is $93.4199, 0.3130, 0.3189$.

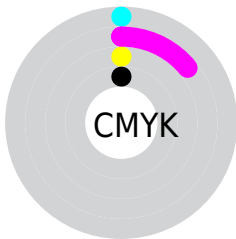
Distribution



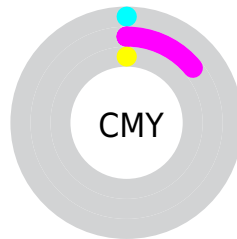
- Red (100%)
- Green (86%)
- Blue (100%)



- Red (100%)
- Yellow (86%)
- Blue (100%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.9539, 0.3137, 0.2939 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 78.9539, 0.3137, 0.2939 by changing the saturation by 10% instead.

 78.9539, 0.3137,
0.2939

 78.9539, 0.3137,
0.2939

491.4004, 0.3134,
0.3095

 58.8579, 0.3137,
0.2905


131.8940, 0.3136,
0.2992

 42.4987, 0.3137,
0.2864


165.5068, 0.3136,
0.3013

 29.4920, 0.3137,
0.2813


204.3941, 0.3136,
0.3031

 19.4533, 0.3136,
0.2748

248.9402, 0.3136,
0.3047

 11.9983, 0.3134,
0.2663

299.5294, 0.3135,
0.3061

 6.7425, 0.3130,
0.2546

356.5463, 0.3135,

 3.3016, 0.3120,

0.3073

0.2377

420.3751, 0.3135,
0.3084

■ 1.2911, 0.3096,
0.2112

■ 0.1343, 0.3243,
0.0761

■ 78.9539, 0.3137,
0.2939

■ 78.9539, 0.3137,
0.2939

■ 66.5314, 0.3143,
0.2685

■ 93.4199, 0.3130,
0.3189

■ 56.0523, 0.3149,
0.2436

100.0000, 0.3127,
0.3290

■ 47.4195, 0.3153,
0.2200

■ 40.5246, 0.3155,
0.1987

■ 35.2479, 0.3156,
0.1808

■ 31.4548, 0.3155,
0.1669

■ 28.9885, 0.3152,
0.1574

■ 27.6575, 0.3147,
0.1521

■ 27.2450, 0.3143,
0.1505

Harmonies

Analogous

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



78.9539, 0.2883, 0.2858



78.9539, 0.3137, 0.2939



78.9539, 0.3398, 0.3104

Triad

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



78.9539, 0.3137, 0.2939



78.9539, 0.3564, 0.3698



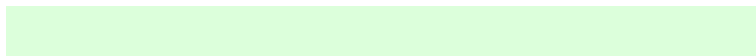
78.9539, 0.2686, 0.3235

Complementary

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



78.9539, 0.3137, 0.2939



91.8363, 0.3115, 0.3666

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.



78.9539, 0.2855, 0.3483



78.9539, 0.3137, 0.2939



78.9539, 0.3360, 0.3757

Square

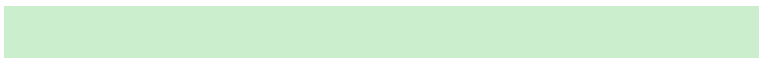
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



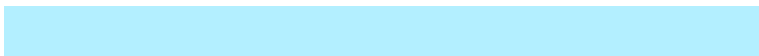
78.9539, 0.3137, 0.2939



78.9539, 0.3649, 0.3533



78.9539, 0.3100, 0.3680



78.9539, 0.2631, 0.3016

Rectangle

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



78.9539, 0.3137, 0.2939



78.9539, 0.3537, 0.3243



78.9539, 0.3100, 0.3680



78.9539, 0.2731, 0.3318

Sweetspot

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



78.9565, 0.3137, 0.2939



93.6136, 0.3130, 0.3192



73.5595, 0.2899, 0.2926



19.7883, 0.3131, 0.3174



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.



78.9565, 0.3137, 0.2939



75.1792, 0.3139, 0.2866



78.0979, 0.3256, 0.3100



18.2749, 0.3134, 0.3056



14.2470, 0.3144, 0.1506



1.3945, 0.3152, 0.1510

Inverse Universe

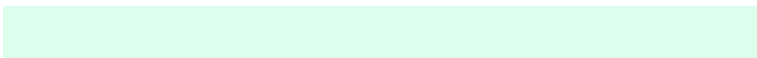
The Inverse Universe completely reimagines the original color for something new.



77.0765, 0.3383, 0.3281



72.9649, 0.3446, 0.3280



92.6212, 0.3016, 0.3488



17.9947, 0.3290, 0.3284



11.1197, 0.6374, 0.3285



1.0853, 0.6312, 0.3251

Previews

White Background



This preview shows how the Yxy color 78.9539, 0.3137, 0.2939 looks on a white background.

Color Contrast Check

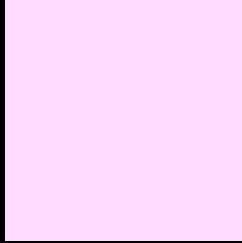
Large Text (above 18pt) WCAG AA × Fail

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 78.9539, 0.3137, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

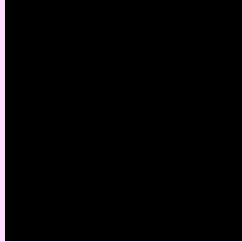
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

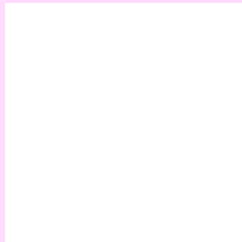
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9539, 0.3137, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 78.9539, 0.3137, 0.2939.



This preview shows how white text looks on a background with the Yxy color 78.9539, 0.3137, 0.2939.

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

78.9539, 0.3137, 0.2939

Protanopia

79.4274, 0.2947, 0.3023

Deuteranopia

79.1678, 0.3052, 0.2990



Tritanopia

79.1700, 0.3227, 0.3121

Trichromacy



Original Color

78.9539, 0.3137, 0.2939

Protanomaly

78.9033, 0.3013, 0.2987

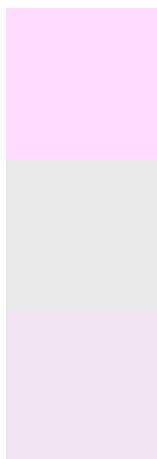
Deuteranomaly

78.9911, 0.3087, 0.2973

Tritanomaly

79.1881, 0.3195, 0.3053

Monochromacy



Original Color

78.9539, 0.3137, 0.2939

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.1502, 0.3127, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9539, 0.3137, 0.2939 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, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 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, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.9539, 0.3137, 0.2939 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, 219, 255) }
```

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

```
.border{ border-color:rgb(254, 219, 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, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9539, 0.3137, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 255) }
```

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

```
.background{ background-color: rgb(254,  
219, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor