

Converting Colors

$Y_{xy}(78.4934, 0.3134, 0.2932)$

Have a look what the booklet for
Yxy(78.4934, 0.3134, 0.2932)
contains.

Yxy(78.4336, 0.3137, 0.2929)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.4336, 0.3137, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	FEDAFF
RGB	254, 218, 255
RGB Percent	100%, 85%, 100%
CMY	0.0038, 0.1451, 0.0000
CMYK	0.00, 0.15, 0.00, 0.00
HSL	298°, 100%, 93%
HSV	298°, 15%, 100%
XYZ	84.0035, 78.4336, 105.3458
YIQ	232.9820, 9.5790, 19.1390

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 218, 255
Decimal	16702207
CIE Lab	90.98, 18.72, -13.37
CIE LCh	91, 23.005, 324.477
Yxy	78.4336, 0.3137, 0.2929
Android (android.graphics.Color)	4294892287 (0xFFFE DAFF)
YUV	232.9820, 10.8549, 18.4328
Hunter-Lab	88.5627, 14.3259, -8.5318

Details

The Yxy color $78.4336, 0.3137, 0.2929$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.6379, 0.3115, 0.3678$, and the grayscale version is $81.3843, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.1419, 0.3138, 0.2856$ is the 20% darker color. If you saturate the color by 10%, you get $66.0845, 0.3143, 0.2676$, and if you desaturate by 10%, it is $92.8202, 0.3130, 0.3180$.

Distribution



- Red (100%)
- Green (85%)
- Blue (100%)



- Red (100%)
- Yellow (85%)
- Blue (100%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.4336, 0.3137, 0.2929 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 78.4336, 0.3137, 0.2929 by changing the saturation by 10% instead.

 78.4336, 0.3137,
0.2929

 78.4336, 0.3137,
0.2929

489.6381, 0.3135,
0.3089

 58.4302, 0.3137,
0.2894

131.1612, 0.3137,
0.2983

 42.1546, 0.3137,
0.2852

164.6542, 0.3136,
0.3005

 29.2224, 0.3137,
0.2799


203.4125, 0.3136,
0.3023

 19.2491, 0.3136,
0.2732

247.8206, 0.3136,
0.3040

 11.8504, 0.3133,
0.2645

298.2628, 0.3135,
0.3054

 6.6419, 0.3129,
0.2525

355.1235, 0.3135,

 3.2392, 0.3118,

0.3067

0.2351

418.7872, 0.3135,
0.3079

■ 1.2578, 0.3092,
0.2079

■ 0.1082, 0.3249,
0.0628

■ 78.4336, 0.3137,
0.2929

■ 78.4336, 0.3137,
0.2929

■ 66.0845, 0.3143,
0.2676

■ 92.8202, 0.3130,
0.3180

■ 55.6764, 0.3149,
0.2426

100.0000, 0.3127,
0.3290

■ 47.1105, 0.3153,
0.2191

■ 40.2783, 0.3155,
0.1980

■ 35.0594, 0.3155,
0.1802

■ 31.3183, 0.3154,
0.1664

■ 28.8976, 0.3150,
0.1571

■ 27.6037, 0.3145,
0.1519

■ 27.2219, 0.3142,
0.1504

Harmonies

Analogous

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



78.4336, 0.2876, 0.2846



78.4336, 0.3137, 0.2929



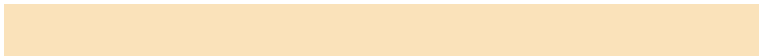
78.4336, 0.3406, 0.3098

Triad

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



78.4336, 0.3137, 0.2929



78.4336, 0.3577, 0.3709



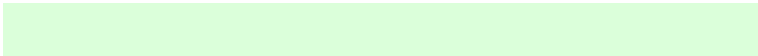
78.4336, 0.2673, 0.3233

Complementary

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



78.4336, 0.3137, 0.2929



91.6379, 0.3115, 0.3678

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.



78.4336, 0.2847, 0.3489



78.4336, 0.3137, 0.2929



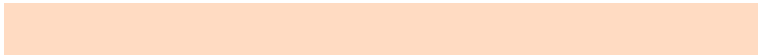
78.4336, 0.3367, 0.3772

Square

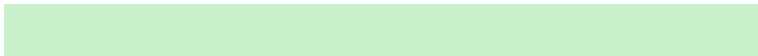
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4336, 0.3137, 0.2929



78.4336, 0.3665, 0.3539



78.4336, 0.3099, 0.3693



78.4336, 0.2617, 0.3007

Rectangle

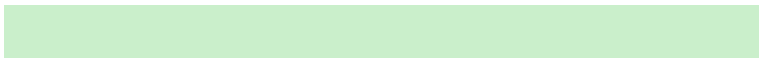
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4336, 0.3137, 0.2929



78.4336, 0.3549, 0.3241



78.4336, 0.3099, 0.3693



78.4336, 0.2719, 0.3319

Sweetspot

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



78.4349, 0.3137, 0.2929



93.6127, 0.3130, 0.3192



72.9071, 0.2893, 0.2915



19.7880, 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.



78.4349, 0.3137, 0.2929



75.1751, 0.3139, 0.2866



77.5575, 0.3260, 0.3095



18.2744, 0.3134, 0.3056



14.2351, 0.3143, 0.1505



1.3935, 0.3151, 0.1510

Inverse Universe

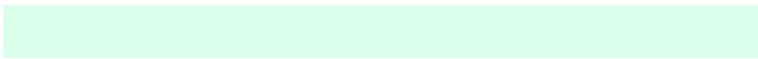
The Inverse Universe completely reimagines the original color for something new.



76.5134, 0.3392, 0.3281



72.9660, 0.3446, 0.3279



92.4381, 0.3013, 0.3494



17.9949, 0.3290, 0.3284



11.1199, 0.6374, 0.3285



1.0853, 0.6310, 0.3250

Previews

White Background



This preview shows how the Yxy color 78.4336, 0.3137, 0.2929 looks on a white background.

Color Contrast Check

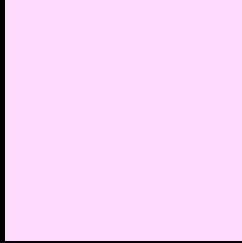
Large Text (above 18pt) WCAG AA × Fail

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 78.4336, 0.3137, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

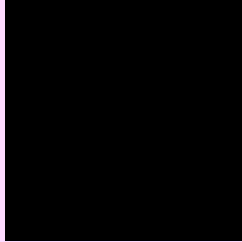
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

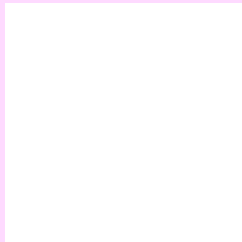
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.4336, 0.3137, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 78.4336, 0.3137, 0.2929.

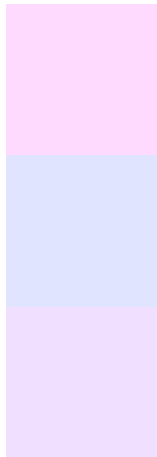


This preview shows how white text looks on a background with the Yxy color 78.4336, 0.3137, 0.2929.

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

78.4336, 0.3137, 0.2929

Protanopia

78.7144, 0.2941, 0.3012

Deuteranopia

78.4564, 0.3046, 0.2979



Tritanopia

78.5814, 0.3234, 0.3121

Trichromacy



Original Color

78.4336, 0.3137, 0.2929

Protanomaly

78.3642, 0.3013, 0.2977

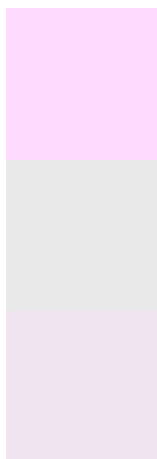
Deuteranomaly

78.2811, 0.3080, 0.2962

Tritanomaly

78.6007, 0.3202, 0.3053

Monochromacy



Original Color

78.4336, 0.3137, 0.2929

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.5385, 0.3133, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4336, 0.3137, 0.2929 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, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 218, 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, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 218, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.4336, 0.3137, 0.2929 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, 218, 255) }
```

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

```
.border{ border-color:rgb(254, 218, 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, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 218,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4336, 0.3137, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 218, 255) }
```

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

```
.background{ background-color: rgb(254,  
218, 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