

Converting Colors

$Y_{xy}(83.0191, 0.3135, 0.3014)$

Have a look what the booklet for
Yxy(83.0191, 0.3135, 0.3014)
contains.

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Color

Yxy(83.2290, 0.3133, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	FEE3FF
RGB	254, 227, 255
RGB Percent	100%, 89%, 100%
CMY	0.0039, 0.1098, 0.0000
CMYK	0.00, 0.11, 0.00, 0.00
HSL	298°, 100%, 95%
HSV	298°, 11%, 100%
XYZ	86.4004, 83.2290, 106.1459
YIQ	238.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 227, 255
Decimal	16704511
CIE Lab	93.11, 14.03, -10.18
CIE LCh	93, 17.337, 324.036
Yxy	83.2290, 0.3133, 0.3018
Android (android.graphics.Color)	4294894591 (0xFFEE3FF)
YUV	238.2650, 8.2504, 13.7996
Hunter-Lab	91.2299, 9.3982, -5.1229

Details

The Yxy color $83.2290, 0.3133, 0.3018$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $93.5566, 0.3120, 0.3576$, and the grayscale version is $85.6485, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.4526, 0.3133, 0.2969$ is the 20% darker color. If you saturate the color by 10%, you get $70.1308, 0.3138, 0.2764$, and if you desaturate by 10%, it is $98.3966, 0.3128, 0.3266$.

Distribution



- Red (100%)
- Green (89%)
- Blue (100%)



- Red (100%)
- Yellow (89%)
- Blue (100%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.2290, 0.3133, 0.3018 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 83.2290, 0.3133, 0.3018 by changing the saturation by 10% instead.


 83.2290, 0.3133,
0.3018

 83.2290, 0.3133,
0.3018

505.7494, 0.3132,
0.3138

 62.3791, 0.3133,
0.2992


137.8961, 0.3133,
0.3059

 45.3391, 0.3133,
0.2960


172.4822, 0.3133,
0.3075

 31.7246, 0.3133,
0.2921


212.4157, 0.3132,
0.3089

 21.1512, 0.3132,
0.2871

258.0811, 0.3132,
0.3101

 13.2346, 0.3131,
0.2805

309.8628, 0.3132,
0.3112

 7.5903, 0.3129,
0.2715

368.1451, 0.3132,

 3.8339, 0.3123,

0.3122

0.2585

433.3125, 0.3132,
0.3130

■ 1.5811, 0.3109,
0.2380

■ 0.3448, 0.3180,
0.1636

■ 83.2290, 0.3133,
0.3018

■ 83.2290, 0.3133,
0.3018

■ 70.1308, 0.3138,
0.2764

98.3966, 0.3128,
0.3266

■ 59.0072, 0.3142,
0.2512

100.0000, 0.3127,
0.3290

■ 49.7624, 0.3144,
0.2269

■ 42.2911, 0.3144,
0.2047

■ 36.4774, 0.3143,
0.1855

■ 32.1918, 0.3140,
0.1700

■ 29.2856, 0.3134,
0.1589

■ 27.5805, 0.3127,
0.1522

■ 26.8215, 0.3120,
0.1492

Harmonies

Analogous

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



83.2290, 0.2939, 0.2957



83.2290, 0.3133, 0.3018



83.2290, 0.3331, 0.3145

Triad

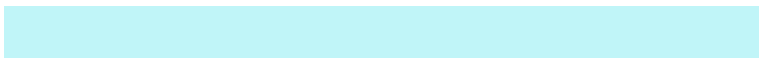
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.2290, 0.3133, 0.3018



83.2290, 0.3462, 0.3600



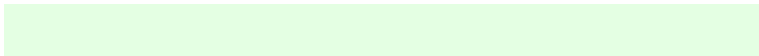
83.2290, 0.2790, 0.3253

Complementary

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



83.2290, 0.3133, 0.3018



93.5566, 0.3120, 0.3576

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.



83.2290, 0.2922, 0.3439



83.2290, 0.3133, 0.3018



83.2290, 0.3309, 0.3643

Square

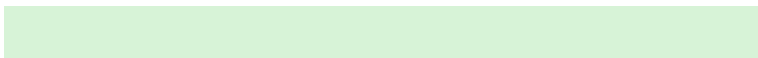
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



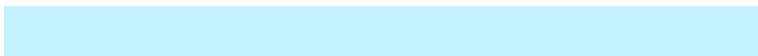
83.2290, 0.3133, 0.3018



83.2290, 0.3524, 0.3477



83.2290, 0.3112, 0.3585



83.2290, 0.2746, 0.3085

Rectangle

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



83.2290, 0.3133, 0.3018



83.2290, 0.3436, 0.3254



83.2290, 0.3112, 0.3585



83.2290, 0.2826, 0.3316

Sweetspot

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



83.2304, 0.3133, 0.3018



95.1649, 0.3129, 0.3217



79.2558, 0.2954, 0.3018



20.0996, 0.3129, 0.3197



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.



83.2304, 0.3133, 0.3018



80.4228, 0.3134, 0.2967



82.6312, 0.3221, 0.3139



18.2660, 0.3132, 0.3056



14.0293, 0.3121, 0.1493



1.3758, 0.3132, 0.1499

Inverse Universe

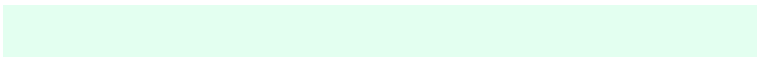
The Inverse Universe completely reimagines the original color for something new.



81.7967, 0.3317, 0.3281



78.7514, 0.3358, 0.3279



94.1178, 0.3043, 0.3446



17.9974, 0.3289, 0.3282



11.1235, 0.6365, 0.3280



1.0865, 0.6282, 0.3234

Previews

White Background



This preview shows how the Yxy color 83.2290, 0.3133, 0.3018 looks on a white background.

Color Contrast Check

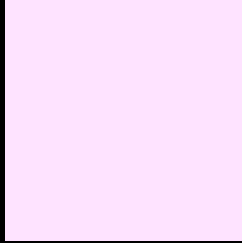
Large Text (above 18pt) WCAG AA × Fail

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 83.2290, 0.3133, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

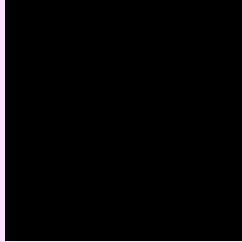
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

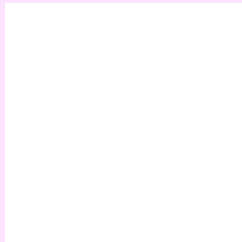
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.2290, 0.3133, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 83.2290, 0.3133, 0.3018.

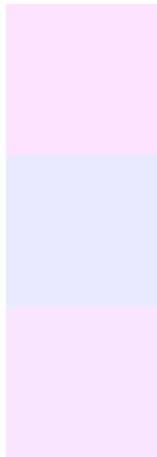


This preview shows how white text looks on a background with the Yxy color 83.2290, 0.3133, 0.3018.

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

83.2290, 0.3133, 0.3018

Protanopia

83.3893, 0.2993, 0.3078

Deuteranopia

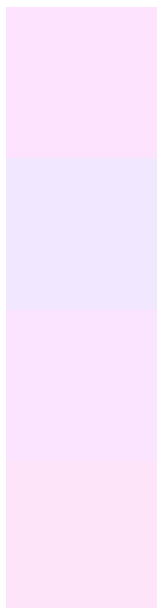
83.3984, 0.3099, 0.3035



Tritanopia

83.0233, 0.3183, 0.3114

Trichromacy



Original Color

83.2290, 0.3133, 0.3018

Protanomaly

83.0726, 0.3045, 0.3051

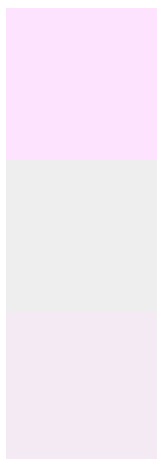
Deuteranomaly

83.2160, 0.3112, 0.3027

Tritanomaly

83.2090, 0.3164, 0.3085

Monochromacy



Original Color

83.2290, 0.3133, 0.3018

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.6104, 0.3132, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.2290, 0.3133, 0.3018 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, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 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, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 255) }
```

Border

The CSS property to change the border of an element to Yxy 83.2290, 0.3133, 0.3018 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, 227, 255) }
```

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

```
.border{ border-color:rgb(254, 227, 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, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 227, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 227, 255); box-shadow:4px 4px 4px 4px rgb(254, 227, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 83.2290, 0.3133, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 255) }
```

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

```
.background{ background-color: rgb(254,  
227, 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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