

Converting Colors

$Yxy(82.9207, 0.3123, 0.3017)$

Have a look what the booklet for
Yxy(82.9207, 0.3123, 0.3017)
contains.

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Color

Yxy(83.0408, 0.3126, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	FDE3FF
RGB	253, 227, 255
RGB Percent	99%, 89%, 100%
CMY	0.0080, 0.1097, 0.0000
CMYK	0.01, 0.11, 0.00, 0.00
HSL	296°, 100%, 95%
HSV	296°, 11%, 100%
XYZ	86.0124, 83.0408, 106.0985
YIQ	237.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

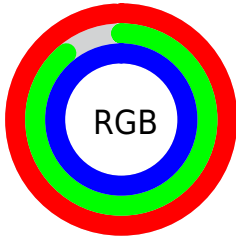
Format	Color
R_{YB}	253, 227, 255
Decimal	16638975
CIE _{Lab}	93.03, 13.66, -10.29
CIE _{LCh}	93, 17.105, 323.001
Yxy	83.0408, 0.3126, 0.3018
Android (android.graphics.Color)	4294829055 (0xFFFDE3FF)
YUV	237.9660, 8.3978, 13.1848
Hunter-Lab	91.1267, 9.0103, -5.2424

Details

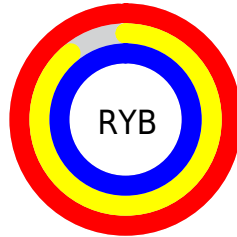
The Yxy color **83.0408, 0.3126, 0.3018** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93.7346, 0.3126, 0.3575**, and the grayscale version is **85.4006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.3180, 0.3125, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **69.7629, 0.3123, 0.2762**, and if you desaturate by 10%, it is **98.3950, 0.3127, 0.3267**.

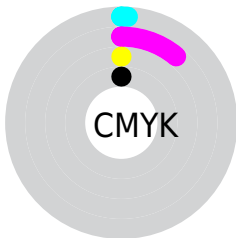
Distribution



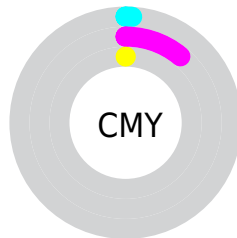
- Red (99%)
- Green (89%)
- Blue (100%)



- Red (99%)
- Yellow (89%)
- Blue (100%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.0408, 0.3126, 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 83.0408, 0.3126, 0.3018 by changing the saturation by 10% instead.


 83.0408, 0.3126,
0.3018

 83.0408, 0.3126,
0.3018

505.1225, 0.3128,
0.3138

 62.2238, 0.3125,
0.2992


137.6326, 0.3127,
0.3059

 45.2136, 0.3125,
0.2960


172.1762, 0.3127,
0.3075

 31.6257, 0.3123,
0.2920


212.0641, 0.3127,
0.3089

 21.0757, 0.3121,
0.2870

257.6808, 0.3127,
0.3101

 13.1794, 0.3118,
0.2805

309.4105, 0.3127,
0.3112

 7.5522, 0.3113,
0.2715

367.6378, 0.3128,

 3.8098, 0.3104,

0.3122

0.2584

432.7470, 0.3128,
0.3131

■ 1.5677, 0.3084,
0.2378

■ 0.3357, 0.3139,
0.1615

■ 83.0408, 0.3126,
0.3018

■ 83.0408, 0.3126,
0.3018

■ 69.7629, 0.3123,
0.2762

98.3950, 0.3127,
0.3267

■ 58.4602, 0.3118,
0.2506

99.9998, 0.3127,
0.3290

■ 49.0390, 0.3111,
0.2259

■ 41.3939, 0.3101,
0.2030

■ 35.4091, 0.3088,
0.1831

■ 30.9551, 0.3074,
0.1668

■ 27.8833, 0.3057,
0.1549

■ 26.0153, 0.3039,
0.1474

■ 25.1112, 0.3023,
0.1439

Harmonies

Analogous

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



83.0408, 0.2936, 0.2961



83.0408, 0.3126, 0.3018



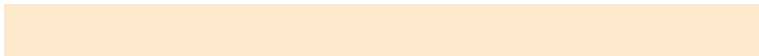
83.0408, 0.3322, 0.3142

Triad

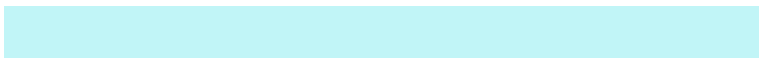
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0408, 0.3126, 0.3018



83.0408, 0.3461, 0.3593



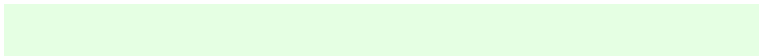
83.0408, 0.2798, 0.3260

Complementary

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



83.0408, 0.3126, 0.3018



93.7346, 0.3126, 0.3575

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.



83.0408, 0.2931, 0.3443



83.0408, 0.3126, 0.3018



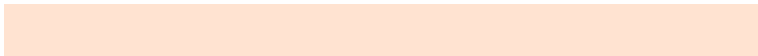
83.0408, 0.3313, 0.3639

Square

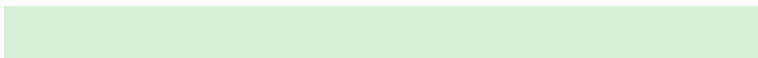
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0408, 0.3126, 0.3018



83.0408, 0.3519, 0.3469



83.0408, 0.3119, 0.3585



83.0408, 0.2751, 0.3093

Rectangle

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



83.0408, 0.3126, 0.3018



83.0408, 0.3428, 0.3248



83.0408, 0.3119, 0.3585



83.0408, 0.2834, 0.3322

Sweetspot

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



83.0444, 0.3126, 0.3018



95.1098, 0.3127, 0.3217



79.7899, 0.2954, 0.3028



20.0847, 0.3127, 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.



83.0444, 0.3126, 0.3018



80.1858, 0.3126, 0.2967



82.7024, 0.3215, 0.3130



18.2288, 0.3126, 0.3055



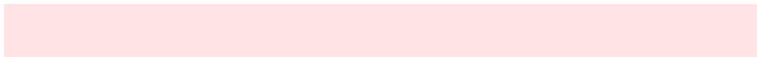
13.1501, 0.3026, 0.1440



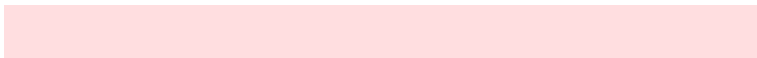
1.2998, 0.3048, 0.1453

Inverse Universe

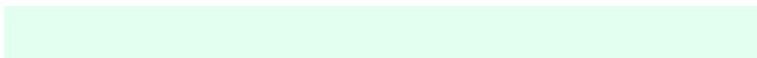
The Inverse Universe completely reimagines the original color for something new.



81.8717, 0.3310, 0.3270



78.8197, 0.3349, 0.3266



94.0655, 0.3048, 0.3455



18.0086, 0.3283, 0.3273



11.1405, 0.6325, 0.3258



1.0918, 0.6159, 0.3166

Previews

White Background



This preview shows how the Yxy color 83.0408, 0.3126, 0.3018 looks on a white background.

Color Contrast Check

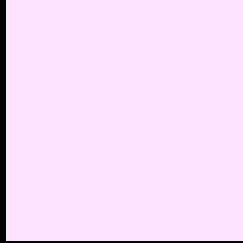
Large Text (above 18pt) WCAG AA × Fail

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 83.0408, 0.3126, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

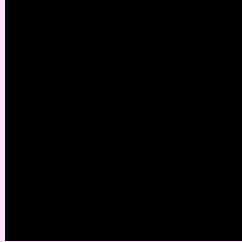
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.0408, 0.3126, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 83.0408, 0.3126, 0.3018.

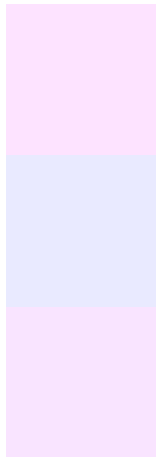


This preview shows how white text looks on a background with the Yxy color 83.0408, 0.3126, 0.3018.

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

83.0408, 0.3126, 0.3018

Protanopia

83.3893, 0.2993, 0.3078

Deuteranopia

82.8465, 0.3099, 0.3025



Tritanopia

82.8361, 0.3177, 0.3113

Trichromacy



Original Color

83.0408, 0.3126, 0.3018

Protanomaly

82.8971, 0.3039, 0.3051

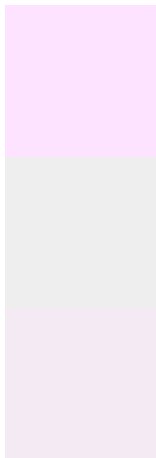
Deuteranomaly

83.0308, 0.3106, 0.3026

Tritanomaly

83.0218, 0.3157, 0.3084

Monochromacy



Original Color

83.0408, 0.3126, 0.3018

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.4320, 0.3125, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0408, 0.3126, 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(253, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 227, 255) }
```

Border

The CSS property to change the border of an element to Yxy 83.0408, 0.3126, 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(253, 227, 255) }
```

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

```
.border{ border-color:rgb(253, 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(253, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 227,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0408, 0.3126, 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(253, 227, 255) }
```

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

```
.background{ background-color: rgb(253,  
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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