

Converting Colors

$Yxy(82.6619, 0.3139, 0.3046)$

Have a look what the booklet for
Yxy(82.6619, 0.3139, 0.3046)
contains.

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Color

Yxy(82.6619, 0.3139, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	FCE3FC
RGB	252, 227, 252
RGB Percent	99%, 89%, 99%
CMY	0.0117, 0.1098, 0.0119
CMYK	0.00, 0.10, 0.00, 0.01
HSL	300°, 81%, 94%
HSV	300°, 10%, 99%
XYZ	85.1857, 82.6619, 103.5309
YIQ	237.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

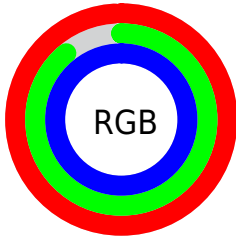
Format	Color
R_{YB}	252, 227, 252
Decimal	16573436
CIE _{Lab}	92.87, 12.82, -8.97
CIE _{LCh}	93, 15.647, 325.032
Yxy	82.6619, 0.3139, 0.3046
Android (android.graphics.Color)	4294763516 (0xFFFC3FC)
YUV	237.3250, 7.2348, 12.8700
Hunter-Lab	90.9186, 8.1372, -3.8718

Details

The Yxy color **82.6619, 0.3139, 0.3046** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.5158, 0.3115, 0.3547**, and the grayscale version is **84.8937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0473, 0.3141, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **69.8696, 0.3151, 0.2795**, and if you desaturate by 10%, it is **97.4791, 0.3127, 0.3292**.

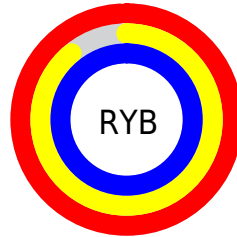
Distribution



Red (99%)

Green (89%)

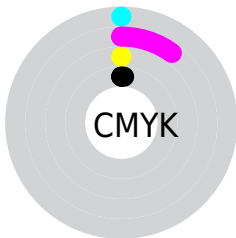
Blue (99%)



Red (99%)

Yellow (89%)

Blue (99%)

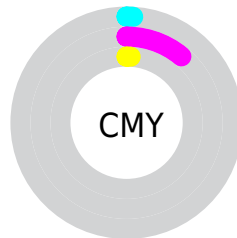


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6619, 0.3139, 0.3046 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 82.6619, 0.3139, 0.3046 by changing the saturation by 10% instead.


 82.6619, 0.3139,
0.3046

 82.6619, 0.3139,
0.3046

503.8590, 0.3135,
0.3154

 61.9113, 0.3140,
0.3022

137.1018, 0.3138,
0.3083

 44.9610, 0.3141,
0.2994

171.5599, 0.3137,
0.3097

 31.4267, 0.3142,
0.2958

211.3559, 0.3137,
0.3110

 20.9240, 0.3143,
0.2912

256.8743, 0.3136,
0.3121

 13.0685, 0.3143,
0.2853

308.4994, 0.3136,
0.3131

 7.4757, 0.3144,
0.2770

366.6156, 0.3135,

 3.7613, 0.3143,

0.3139

0.2650

431.6074, 0.3135,
0.3147

■ 1.5410, 0.3138,
0.2460

■ 0.3173, 0.3227,
0.1666

■ 82.6619, 0.3139,
0.3046

■ 82.6619, 0.3139,
0.3046

■ 69.8696, 0.3151,
0.2795

■ 97.4791, 0.3127,
0.3292

■ 59.0042, 0.3163,
0.2545

■ 99.2531, 0.3125,
0.3318

■ 49.9757, 0.3175,
0.2306

■ 99.2568, 0.3125,
0.3317

■ 42.6824, 0.3186,
0.2087

■ 99.2604, 0.3125,
0.3317

37.0131, 0.3196,
0.1898

99.2641, 0.3124,
0.3316

32.8436, 0.3204,
0.1747

99.2678, 0.3124,
0.3316

30.0318, 0.3209,
0.1639

99.2715, 0.3124,
0.3315

28.4083, 0.3213,
0.1574

99.2752, 0.3123,
0.3315

27.6967, 0.3215,
0.1545

99.2788, 0.3123,
0.3314

Harmonies

Analogous

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



82.6619, 0.2963, 0.2989



82.6619, 0.3139, 0.3046



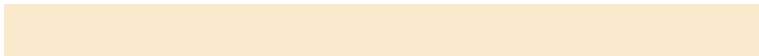
82.6619, 0.3317, 0.3164

Triad

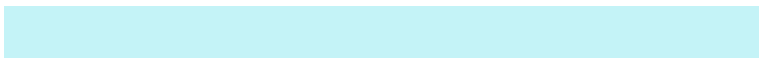
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6619, 0.3139, 0.3046



82.6619, 0.3426, 0.3574



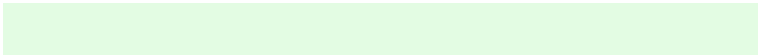
82.6619, 0.2819, 0.3252

Complementary

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



82.6619, 0.3139, 0.3046



91.5158, 0.3115, 0.3547

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.



82.6619, 0.2937, 0.3420



82.6619, 0.3139, 0.3046



82.6619, 0.3287, 0.3609

Square

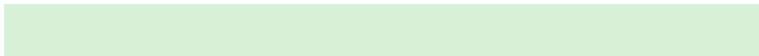
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6619, 0.3139, 0.3046



82.6619, 0.3485, 0.3464



82.6619, 0.3107, 0.3553



82.6619, 0.2782, 0.3101

Rectangle

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



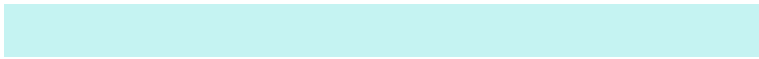
82.6619, 0.3139, 0.3046



82.6619, 0.3410, 0.3263



82.6619, 0.3107, 0.3553



82.6619, 0.2850, 0.3308

Sweetspot

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



82.6655, 0.3139, 0.3046



95.2147, 0.3131, 0.3217



78.3008, 0.2971, 0.3032



20.1131, 0.3132, 0.3198



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.



82.6655, 0.3139, 0.3046



82.0020, 0.3142, 0.2994



81.9018, 0.3220, 0.3166



17.5239, 0.3138, 0.3057



14.4228, 0.3215, 0.1545



1.3360, 0.3214, 0.1544

Inverse Universe

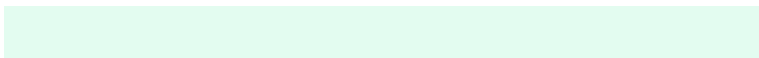
The Inverse Universe completely reimagines the original color for something new.



82.6655, 0.3139, 0.3046



82.0020, 0.3142, 0.2994



92.2288, 0.3044, 0.3417



17.5239, 0.3138, 0.3057



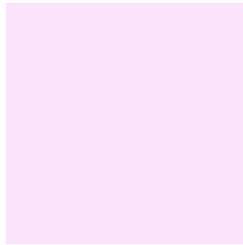
14.4228, 0.3215, 0.1545



1.3360, 0.3214, 0.1544

Previews

White Background



This preview shows how the Yxy color 82.6619, 0.3139, 0.3046 looks on a white background.

Color Contrast Check

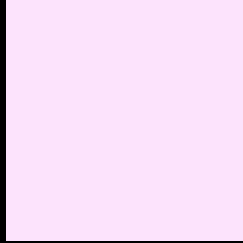
Large Text (above 18pt) WCAG AA × Fail

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 82.6619, 0.3139, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

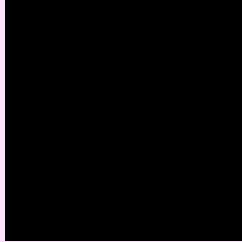
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

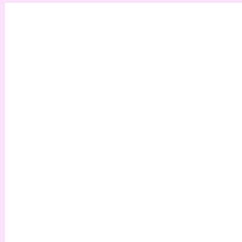
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6619, 0.3139, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 82.6619, 0.3139, 0.3046.

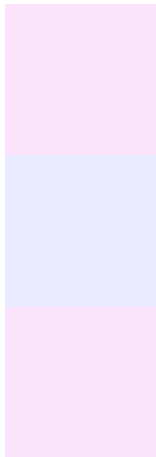


This preview shows how white text looks on a background with the Yxy color 82.6619, 0.3139, 0.3046.

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

82.6619, 0.3139, 0.3046

Protanopia

82.8215, 0.2993, 0.3068

Deuteranopia

82.8391, 0.3125, 0.3055



Tritanopia

82.6499, 0.3170, 0.3113

Trichromacy



Original Color

82.6619, 0.3139, 0.3046

Protanomaly

82.8328, 0.3045, 0.3061

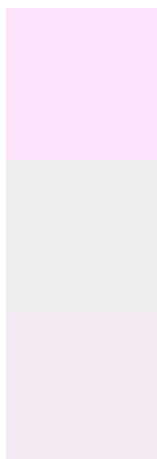
Deuteranomaly

83.0243, 0.3131, 0.3055

Tritanomaly

82.7733, 0.3157, 0.3093

Monochromacy



Original Color

82.6619, 0.3139, 0.3046

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.5659, 0.3131, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6619, 0.3139, 0.3046 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(252, 227, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 227, 252)  
}
```

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(252, 227, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 227, 252) }
```

Border

The CSS property to change the border of an element to Yxy 82.6619, 0.3139, 0.3046 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(252, 227, 252) }
```

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

```
.border{ border-color:rgb(252, 227, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 227, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 227, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 227, 252); box-shadow:4px 4px 4px 4px rgb(252, 227, 252) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6619, 0.3139, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 227, 252) }
```

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

```
.background{ background-color: rgb(252,  
227, 252) }
```

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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