

Converting Colors

$Yxy(82.9638, 0.3185, 0.3085)$

Have a look what the booklet for
Yxy(82.9638, 0.3185, 0.3085)
contains.

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Color

Yxy(82.9755, 0.3185, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3F8
RGB	255, 227, 248
RGB Percent	100%, 89%, 97%
CMY	0.0000, 0.1098, 0.0274
CMYK	0.00, 0.11, 0.03, 0.00
HSL	315°, 100%, 95%
HSV	315°, 11%, 100%
XYZ	85.6651, 82.9755, 100.3237
YIQ	237.7660, 9.9470, 12.4670

Conversions

Conversions Part 2

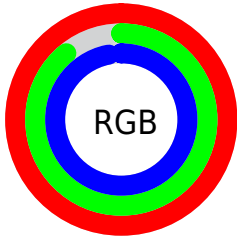
Format	Color
R _Y B	255, 227, 248
Decimal	16770040
CIE Lab	93.00, 13.13, -6.68
CIE LCh	93, 14.733, 333.045
Yxy	82.9755, 0.3185, 0.3085
Android (android.graphics.Color)	4294960120 (0xFFFFE3F8)
YUV	237.7660, 5.0454, 15.1142
Hunter-Lab	91.0909, 8.4588, -1.5359

Details

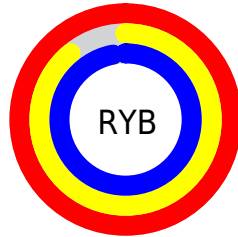
The Yxy color $82.9755, 0.3185, 0.3085$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $93.7881, 0.3074, 0.3504$, and the grayscale version is $85.2607, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.3166, 0.3192, 0.3042$ is the 20% darker color. If you saturate the color by 10%, you get $69.6532, 0.3246, 0.2891$, and if you desaturate by 10%, it is $98.3691, 0.3132, 0.3272$.

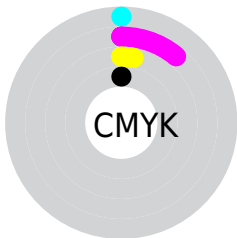
Distribution



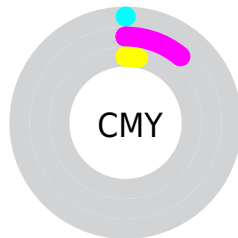
- Red (100%)
- Green (89%)
- Blue (97%)



- Red (100%)
- Yellow (89%)
- Blue (97%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9755, 0.3185, 0.3085 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 82.9755, 0.3185, 0.3085 by changing the saturation by 10% instead.


 82.9755, 0.3185,
0.3085

 82.9755, 0.3185,
0.3085


504.9049, 0.3160,
0.3176

 62.1699, 0.3191,
0.3065

137.5411, 0.3176,
0.3116

 45.1700, 0.3197,
0.3041


172.0700, 0.3173,
0.3128

 31.5914, 0.3205,
0.3011


211.9421, 0.3170,
0.3139

 21.0496, 0.3216,
0.2972

257.5418, 0.3167,
0.3148

 13.1602, 0.3229,
0.2921

309.2536, 0.3165,
0.3156

 7.5390, 0.3248,
0.2851

367.4617, 0.3163,

 3.8014, 0.3274,

0.3164

0.2749

432.5507, 0.3161,
0.3170

■ 1.5631, 0.3315,
0.2585

■ 0.3325, 0.3541,
0.1849

■ 82.9755, 0.3185,
0.3085

■ 82.9755, 0.3185,
0.3085

■ 69.6532, 0.3246,
0.2891

■ 98.3691, 0.3132,
0.3272

■ 58.3233, 0.3318,
0.2695

100.0000, 0.3127,
0.3290

■ 48.8845, 0.3398,
0.2503

■ 41.2314, 0.3488,
0.2325

■ 35.2479, 0.3585,
0.2172

■ 30.8044, 0.3686,
0.2053

■ 27.7521, 0.3789,
0.1978

■ 25.9124, 0.3890,
0.1952

■ 25.0420, 0.3977,
0.1965

Harmonies

Analogous

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



82.9755, 0.3014, 0.3014



82.9755, 0.3185, 0.3085



82.9755, 0.3344, 0.3207

Triad

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



82.9755, 0.3185, 0.3085



82.9755, 0.3380, 0.3574



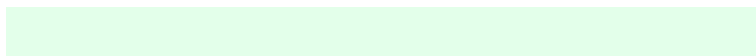
82.9755, 0.2820, 0.3213

Complementary

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



82.9755, 0.3185, 0.3085



93.7881, 0.3074, 0.3504

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.



82.9755, 0.2912, 0.3371



82.9755, 0.3185, 0.3085



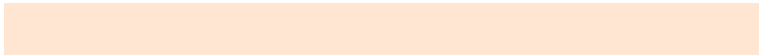
82.9755, 0.3234, 0.3584

Square

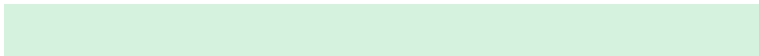
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9755, 0.3185, 0.3085



82.9755, 0.3458, 0.3487



82.9755, 0.3063, 0.3509



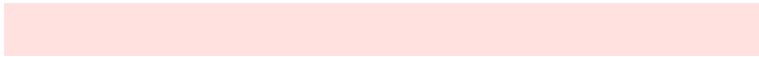
82.9755, 0.2807, 0.3083

Rectangle

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



82.9755, 0.3185, 0.3085



82.9755, 0.3420, 0.3304



82.9755, 0.3063, 0.3509



82.9755, 0.2842, 0.3265

Sweetspot

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



82.9716, 0.3185, 0.3085



95.0936, 0.3142, 0.3235



79.5653, 0.2996, 0.3007



20.0803, 0.3146, 0.3220



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.



82.9716, 0.3185, 0.3085



80.1223, 0.3196, 0.3046



82.1600, 0.3274, 0.3217



18.2185, 0.3176, 0.3113



13.1101, 0.3962, 0.1956



1.2939, 0.3857, 0.1898

Inverse Universe

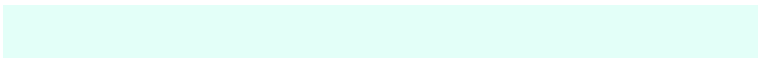
The Inverse Universe completely reimagines the original color for something new.



82.9716, 0.3185, 0.3085



80.1223, 0.3196, 0.3046



94.5976, 0.2999, 0.3365



18.2185, 0.3176, 0.3113



13.1101, 0.3962, 0.1956



1.2939, 0.3857, 0.1898

Previews

White Background



This preview shows how the Yxy color 82.9755, 0.3185, 0.3085 looks on a white background.

Color Contrast Check

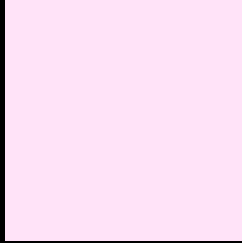
Large Text (above 18pt) WCAG AA × Fail

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 82.9755, 0.3185, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

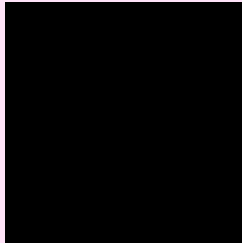
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.9755, 0.3185, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 82.9755, 0.3185, 0.3085.

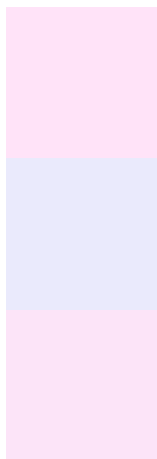


This preview shows how white text looks on a background with the Yxy color 82.9755, 0.3185, 0.3085.

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

82.9755, 0.3185, 0.3085

Protanopia

83.3663, 0.3017, 0.3108

Deuteranopia

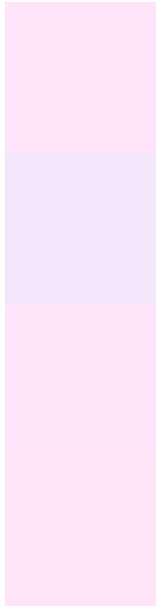
82.9596, 0.3164, 0.3094



Tritanopia

82.7907, 0.3204, 0.3114

Trichromacy



Original Color

82.9755, 0.3185, 0.3085

Protanomaly

82.9941, 0.3076, 0.3091

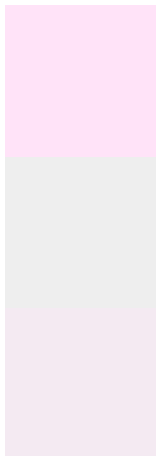
Deuteranomaly

83.1468, 0.3171, 0.3094

Tritanomaly

82.8520, 0.3198, 0.3104

Monochromacy



Original Color

82.9755, 0.3185, 0.3085

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.4895, 0.3144, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9755, 0.3185, 0.3085 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(255, 227, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 248)  
}
```

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(255, 227, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 248) }
```

Border

The CSS property to change the border of an element to Yxy 82.9755, 0.3185, 0.3085 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(255, 227, 248) }
```

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

```
.border{ border-color:rgb(255, 227, 248) }
```

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

Here you see how a box with a 4 pixel rgb(255, 227, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9755, 0.3185, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 248) }
```

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

```
.background{ background-color: rgb(255,  
227, 248) }
```

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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