

Converting Colors

$Yxy(84.7460, 0.2876, 0.2683)$

Have a look what the booklet for
Yxy(84.7460, 0.2876, 0.2683)
contains.

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Color

Yxy(82.1146, 0.3093, 0.3015)

Conversions

Conversions Part 1

Format	Color
Hex	F8E3FF
RGB	248, 227, 255
RGB Percent	97%, 89%, 100%
CMY	0.0273, 0.1098, 0.0001
CMYK	0.03, 0.11, 0.00, 0.00
HSL	285°, 100%, 95%
HSV	285°, 11%, 100%
XYZ	84.2390, 82.1146, 106.0000
YIQ	236.4710, 3.5280, 13.1600

Conversions

Conversions Part 2

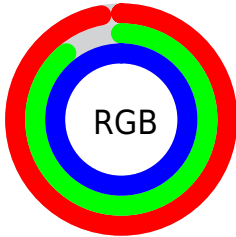
Format	Color
R _Y B	248, 227, 255
Decimal	16311295
CIE Lab	92.63, 12.07, -10.93
CIE LCh	93, 16.284, 317.822
Yxy	82.1146, 0.3093, 0.3015
Android (android.graphics.Color)	4294501375 (0xFFFF8E3FF)
YUV	236.4710, 9.1348, 10.1109
Hunter-Lab	90.6171, 7.3562, -5.9229

Details

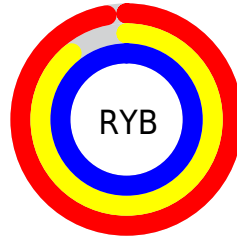
The Yxy color $82.1146, 0.3093, 0.3015$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94.5340, 0.3157, 0.3573$, and the grayscale version is $84.1923, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.7887, 0.3090, 0.2965$ is the 20% darker color. If you saturate the color by 10%, you get $68.0521, 0.3055, 0.2751$, and if you desaturate by 10%, it is $98.2885, 0.3124, 0.3266$.

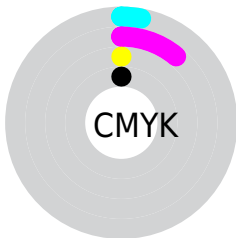
Distribution



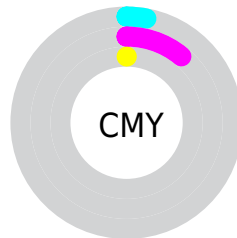
- Red (97%)
- Green (89%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1146, 0.3093, 0.3015 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 82.1146, 0.3093, 0.3015 by changing the saturation by 10% instead.

 82.1146, 0.3093,
0.3015

 82.1146, 0.3093,
0.3015


502.0309, 0.3110,
0.3137

 61.4600, 0.3089,
0.2988


136.3347, 0.3099,
0.3056

 44.5965, 0.3084,
0.2956


170.6690, 0.3101,
0.3073

 31.1397, 0.3078,
0.2916

210.3320, 0.3103,
0.3087

 20.7053, 0.3070,
0.2864

255.7080, 0.3105,
0.3099

 12.9087, 0.3058,
0.2797

307.1816, 0.3106,
0.3110

 7.3657, 0.3041,
0.2705

365.1370, 0.3107,

 3.6919, 0.3014,

0.3120

0.2570

429.9586, 0.3109,
0.3129

■ 1.5027, 0.2964,
0.2357

■ 0.2906, 0.2932,
0.1493

■ 82.1146, 0.3093,
0.3015

■ 82.1146, 0.3093,
0.3015

■ 68.0521, 0.3055,
0.2751

■ 98.2885, 0.3124,
0.3266

■ 55.9997, 0.3010,
0.2480

99.9988, 0.3127,
0.3290

■ 45.8633, 0.2959,
0.2211

■ 37.5372, 0.2900,
0.1953

■ 30.9051, 0.2837,
0.1719

■ 25.8373, 0.2770,
0.1519

■ 22.1845, 0.2703,
0.1363

■ 19.7681, 0.2635,
0.1255

■ 18.3971, 0.2577,
0.1193

Harmonies

Analogous

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



82.1146, 0.2917, 0.2973



82.1146, 0.3093, 0.3015



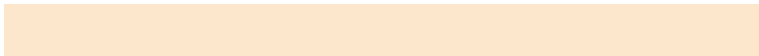
82.1146, 0.3283, 0.3124

Triad

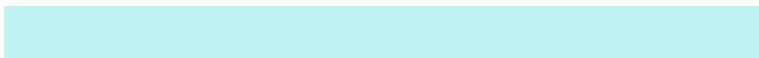
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1146, 0.3093, 0.3015



82.1146, 0.3463, 0.3564



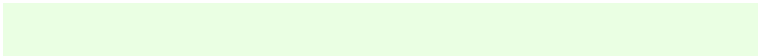
82.1146, 0.2829, 0.3292

Complementary

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



82.1146, 0.3093, 0.3015



94.5340, 0.3157, 0.3573

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.



82.1146, 0.2968, 0.3464



82.1146, 0.3093, 0.3015



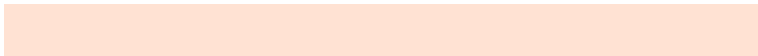
82.1146, 0.3334, 0.3622

Square

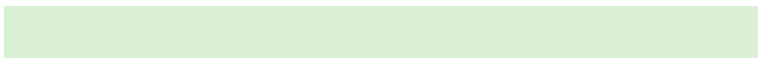
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1146, 0.3093, 0.3015



82.1146, 0.3500, 0.3436



82.1146, 0.3152, 0.3587



82.1146, 0.2768, 0.3126

Rectangle

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



82.1146, 0.3093, 0.3015



82.1146, 0.3391, 0.3223



82.1146, 0.3152, 0.3587



82.1146, 0.2868, 0.3352

Sweetspot

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



82.1181, 0.3093, 0.3015



94.8580, 0.3119, 0.3217



82.3889, 0.2955, 0.3076



20.0165, 0.3116, 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.



82.1181, 0.3093, 0.3015



79.1178, 0.3086, 0.2962



82.9675, 0.3185, 0.3085



18.0604, 0.3098, 0.3053



9.6883, 0.2588, 0.1199



0.9945, 0.2661, 0.1240

Inverse Universe

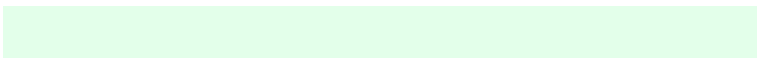
The Inverse Universe completely reimagines the original color for something new.



82.1277, 0.3277, 0.3222



79.1398, 0.3309, 0.3209



93.7775, 0.3074, 0.3504



18.0609, 0.3255, 0.3231



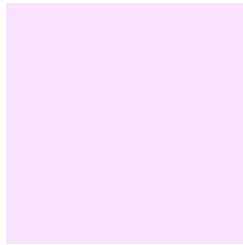
11.3173, 0.5942, 0.3047



1.1184, 0.5628, 0.2874

Previews

White Background



This preview shows how the Yxy color 82.1146, 0.3093, 0.3015 looks on a white background.

Color Contrast Check

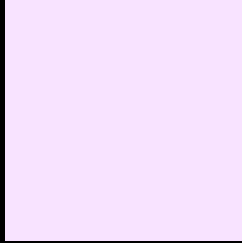
Large Text (above 18pt) WCAG AA × Fail

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 82.1146, 0.3093, 0.3015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

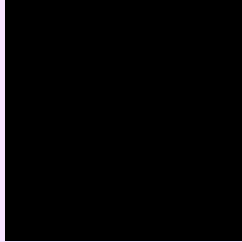
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.1146, 0.3093, 0.3015

Background



This preview shows how black text looks on a background with the Yxy color 82.1146, 0.3093, 0.3015.

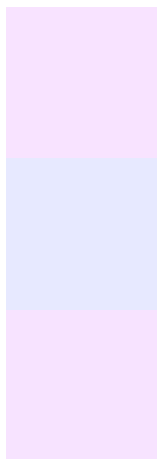


This preview shows how white text looks on a background with the Yxy color 82.1146, 0.3093, 0.3015.

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

82.1146, 0.3093, 0.3015

Protanopia

82.4868, 0.2980, 0.3067

Deuteranopia

81.9323, 0.3086, 0.3014



Tritanopia

81.9148, 0.3142, 0.3111

Trichromacy



Original Color

82.1146, 0.3093, 0.3015

Protanomaly

82.3764, 0.3019, 0.3049

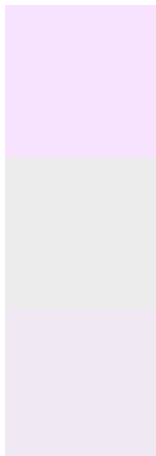
Deuteranomaly

81.9323, 0.3086, 0.3014

Tritanomaly

82.1005, 0.3123, 0.3082

Monochromacy



Original Color

82.1146, 0.3093, 0.3015

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.2742, 0.3112, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1146, 0.3093, 0.3015 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(248, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 227, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 82.1146, 0.3093, 0.3015 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(248, 227, 255) }
```

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

```
.border{ border-color:rgb(248, 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(248, 227, 255)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 82.1146, 0.3093, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(248,  
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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