

Converting Colors

Yxy(84.2815, 0.3116, 0.3044)

Have a look what the booklet for
Yxy(84.2815, 0.3116, 0.3044)
contains.

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Color

Yxy(84.5091, 0.3118, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	FCE6FF
RGB	252, 230, 255
RGB Percent	99%, 90%, 100%
CMY	0.0120, 0.0980, 0.0000
CMYK	0.01, 0.10, 0.00, 0.00
HSL	293°, 100%, 95%
HSV	293°, 10%, 100%
XYZ	86.4783, 84.5091, 106.3644
YIQ	239.4280, 5.0870, 12.4390

Conversions

Conversions Part 2

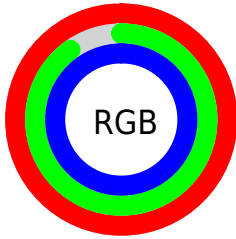
Format	Color
R _Y B	252, 230, 255
Decimal	16574207
CIE Lab	93.67, 11.78, -9.36
CIE LCh	94, 15.043, 321.534
Yxy	84.5091, 0.3118, 0.3047
Android (android.graphics.Color)	4294764287 (0xFFFC66FF)
YUV	239.4280, 7.6770, 11.0256
Hunter-Lab	91.9288, 7.0411, -4.2501

Details

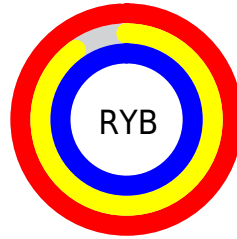
The Yxy color **84.5091, 0.3118, 0.3047** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.5703, 0.3134, 0.3542**, and the grayscale version is **86.6013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.9514, 0.3115, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **70.7644, 0.3106, 0.2790**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

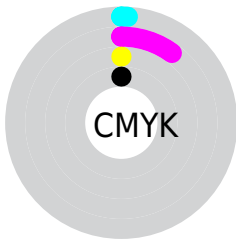
Distribution



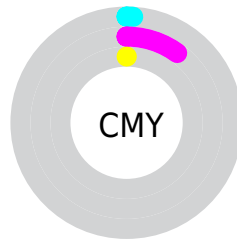
- Red (99%)
- Green (90%)
- Blue (100%)



- Red (99%)
- Yellow (90%)
- Blue (100%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.5091, 0.3118, 0.3047 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 84.5091, 0.3118, 0.3047 by changing the saturation by 10% instead.


 84.5091, 0.3118,
0.3047

 84.5091, 0.3118,
0.3047


510.0023, 0.3123,
0.3154

 63.4358, 0.3117,
0.3024

139.6871, 0.3120,
0.3083

 46.1939, 0.3115,
0.2995


174.5607, 0.3121,
0.3098

 32.3989, 0.3113,
0.2960


214.8031, 0.3121,
0.3110

 21.6663, 0.3110,
0.2915

260.7988, 0.3122,
0.3121

 13.6119, 0.3105,
0.2856

312.9322, 0.3122,
0.3131

 7.8513, 0.3098,
0.2776

371.5876, 0.3122,

 3.9999, 0.3087,

0.3140

0.2659

437.1495, 0.3123,
0.3147

■ 1.6735, 0.3064,
0.2475

■ 0.4064, 0.3086,
0.1862

■ 84.5091, 0.3118,
0.3047

■ 84.5091, 0.3118,
0.3047

■ 70.7644, 0.3106,
0.2790

100.0000, 0.3127,
0.3290

■ 59.0121, 0.3090,
0.2530

■ 49.1593, 0.3070,
0.2275

■ 41.1015, 0.3047,
0.2035

■ 34.7243, 0.3021,
0.1822

■ 29.8999, 0.2992,
0.1645

■ 26.4823, 0.2961,
0.1510

■ 24.2975, 0.2929,
0.1420

■ 23.0672, 0.2898,
0.1370

Harmonies

Analogous

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



84.5091, 0.2953, 0.3000



84.5091, 0.3118, 0.3047



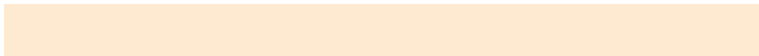
84.5091, 0.3290, 0.3154

Triad

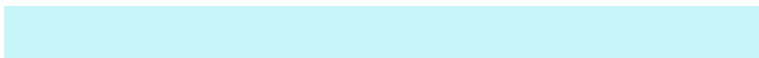
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5091, 0.3118, 0.3047



84.5091, 0.3424, 0.3552



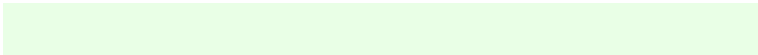
84.5091, 0.2842, 0.3273

Complementary

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



84.5091, 0.3118, 0.3047



94.5703, 0.3134, 0.3542

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.



84.5091, 0.2963, 0.3431



84.5091, 0.3118, 0.3047



84.5091, 0.3298, 0.3594

Square

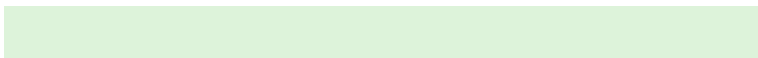
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5091, 0.3118, 0.3047



84.5091, 0.3469, 0.3441



84.5091, 0.3129, 0.3551



84.5091, 0.2797, 0.3125

Rectangle

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



84.5091, 0.3118, 0.3047



84.5091, 0.3384, 0.3247



84.5091, 0.3129, 0.3551



84.5091, 0.2875, 0.3327

Sweetspot

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



84.5124, 0.3118, 0.3047



95.0391, 0.3125, 0.3217



82.5247, 0.2974, 0.3070



20.0655, 0.3124, 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.



84.5124, 0.3118, 0.3047



81.3048, 0.3116, 0.2991



84.5104, 0.3197, 0.3136



18.1812, 0.3118, 0.3054



12.0863, 0.2902, 0.1372



1.2071, 0.2939, 0.1393

Inverse Universe

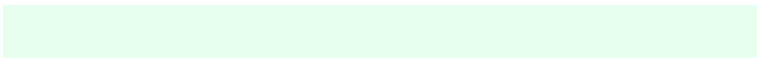
The Inverse Universe completely reimagines the original color for something new.



83.7536, 0.3280, 0.3260



80.3956, 0.3319, 0.3253



94.5895, 0.3063, 0.3449



18.0231, 0.3275, 0.3261



11.1721, 0.6252, 0.3218



1.0987, 0.6010, 0.3084

Previews

White Background



This preview shows how the Yxy color 84.5091, 0.3118, 0.3047 looks on a white background.

Color Contrast Check

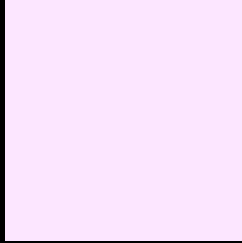
Large Text (above 18pt) WCAG AA × Fail

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 84.5091, 0.3118, 0.3047 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 84.5091, 0.3118, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 84.5091, 0.3118, 0.3047.

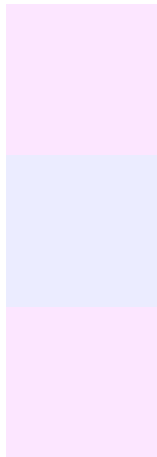


This preview shows how white text looks on a background with the Yxy color 84.5091, 0.3118, 0.3047.

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

84.5091, 0.3118, 0.3047

Protanopia

84.8731, 0.3006, 0.3099

Deuteranopia

84.5091, 0.3118, 0.3047



Tritanopia

84.5006, 0.3149, 0.3114

Trichromacy



Original Color

84.5091, 0.3118, 0.3047

Protanomaly

84.7664, 0.3045, 0.3082

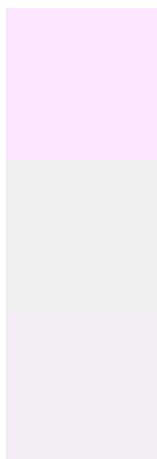
Deuteranomaly

84.5091, 0.3118, 0.3047

Tritanomaly

84.6261, 0.3136, 0.3094

Monochromacy



Original Color

84.5091, 0.3118, 0.3047

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.8166, 0.3125, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5091, 0.3118, 0.3047 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, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 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(252, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 255) }
```

Border

The CSS property to change the border of an element to Yxy 84.5091, 0.3118, 0.3047 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, 230, 255) }
```

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

```
.border{ border-color:rgb(252, 230, 255) }
```

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

Here you see how a box with a 4 pixel rgb(252, 230, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5091, 0.3118, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 255) }
```

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

```
.background{ background-color: rgb(252,  
230, 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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