

Converting Colors

$Yxy(94.0792, 0.3024, 0.3041)$

Have a look what the booklet for
Yxy(94.0792, 0.3024, 0.3041)
contains.

Yxy(92.8040, 0.3119, 0.3184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(92.8040, 0.3119, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	FDF4FF
RGB	253, 244, 255
RGB Percent	99%, 96%, 100%
CMY	0.0079, 0.0431, 0.0000
CMYK	0.01, 0.04, 0.00, 0.00
HSL	289°, 100%, 98%
HSV	289°, 4%, 100%
XYZ	90.9094, 92.8040, 107.7564
YIQ	247.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

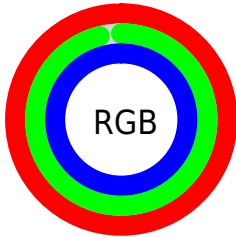
Format	Color
R _Y B	253, 244, 255
Decimal	16643327
CIE Lab	97.15, 4.93, -4.23
CIE LCh	97, 6.493, 319.403
Yxy	92.8040, 0.3119, 0.3184
Android (android.graphics.Color)	4294833407 (0xFFFD4FF)
YUV	247.9450, 3.4781, 4.4332
Hunter-Lab	96.3348, -0.1387, 1.1149

Details

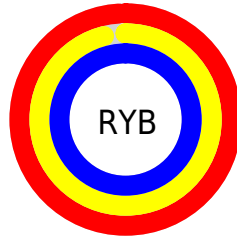
The Yxy color 92.8040, 0.3119, 0.3184 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.6480, 0.3135, 0.3397, and the grayscale version is 93.7916, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.7794, 0.3117, 0.3168 is the 20% darker color. If you saturate the color by 10%, you get 77.6418, 0.3097, 0.2930, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

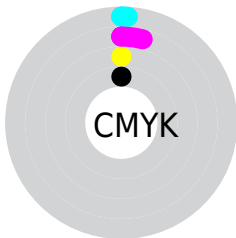
Distribution



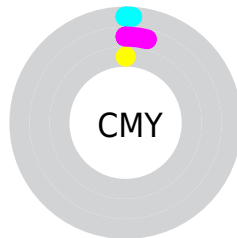
- Red (99%)
- Green (96%)
- Blue (100%)



- Red (99%)
- Yellow (96%)
- Blue (100%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.8040, 0.3119, 0.3184 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 92.8040, 0.3119, 0.3184 by changing the saturation by 10% instead.

 92.8040, 0.3119,
0.3184

 92.8040, 0.3119,
0.3184


537.1106, 0.3123,
0.3231

 70.3086, 0.3118,
0.3174


151.2272, 0.3120,
0.3200

 51.7782, 0.3117,
0.3162


187.9238, 0.3121,
0.3206

 36.8283, 0.3116,
0.3146


230.1230, 0.3121,
0.3211

 25.0746, 0.3114,
0.3127

278.2091, 0.3122,
0.3216

 16.1326, 0.3112,
0.3102

332.5665, 0.3122,
0.3220

 9.6180, 0.3108,
0.3068

393.5796, 0.3122,

 5.1465, 0.3103,

0.3224

0.3018

461.6328, 0.3123,
0.3228

■ 2.3334, 0.3094,
0.2940

■ 0.7913, 0.3080,
0.2792

■ 92.8040, 0.3119,
0.3184

■ 92.8040, 0.3119,
0.3184

■ 77.6418, 0.3097,
0.2930

100.0000, 0.3127,
0.3290

■ 64.5352, 0.3071,
0.2667

■ 53.3935, 0.3039,
0.2402

■ 44.1167, 0.3002,
0.2144

■ 36.5960, 0.2960,
0.1905

■ 30.7115, 0.2915,
0.1694

■ 26.3278, 0.2866,
0.1522

■ 23.2876, 0.2817,
0.1395

■ 21.3985, 0.2768,
0.1314

Harmonies

Analogous

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



92.8040, 0.3050, 0.3167



92.8040, 0.3119, 0.3184



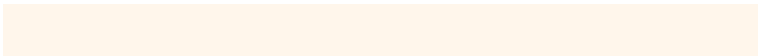
92.8040, 0.3191, 0.3229

Triad

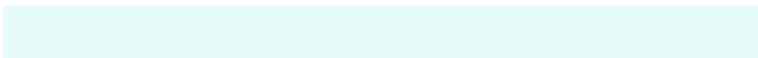
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.8040, 0.3119, 0.3184



92.8040, 0.3253, 0.3398



92.8040, 0.3010, 0.3289

Complementary

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



92.8040, 0.3119, 0.3184



97.6480, 0.3135, 0.3397

Split Complementary

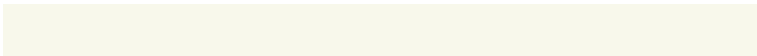
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8040, 0.3063, 0.3353



92.8040, 0.3119, 0.3184



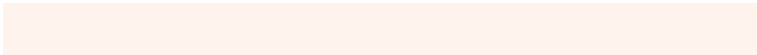
92.8040, 0.3204, 0.3416

Square

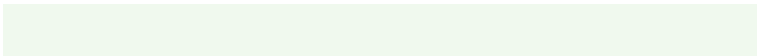
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



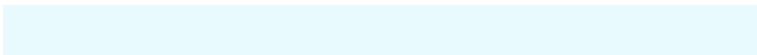
92.8040, 0.3119, 0.3184



92.8040, 0.3269, 0.3352



92.8040, 0.3134, 0.3400



92.8040, 0.2988, 0.3226

Rectangle

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



92.8040, 0.3119, 0.3184



92.8040, 0.3231, 0.3268



92.8040, 0.3134, 0.3400



92.8040, 0.3025, 0.3311

Sweetspot

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



92.8058, 0.3119, 0.3184



98.2954, 0.3125, 0.3266



92.3791, 0.3062, 0.3202



21.0572, 0.3125, 0.3267



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.



92.8058, 0.3119, 0.3184



91.6936, 0.3118, 0.3167



92.9630, 0.3153, 0.3218



19.3855, 0.3116, 0.3150



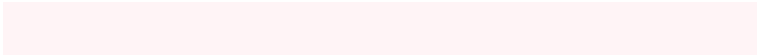
10.8674, 0.2749, 0.1288



1.0998, 0.2804, 0.1318

Inverse Universe

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



92.6201, 0.3186, 0.3271



91.4803, 0.3196, 0.3268



97.4998, 0.3102, 0.3363



19.3340, 0.3207, 0.3264



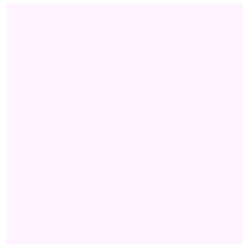
11.2300, 0.6123, 0.3147



1.1073, 0.5834, 0.2988

Previews

White Background



This preview shows how the Yxy color 92.8040, 0.3119, 0.3184 looks on a white background.

Color Contrast Check

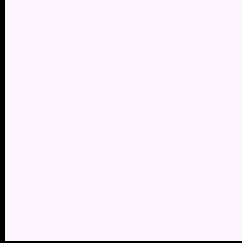
Large Text (above 18pt) WCAG AA × Fail

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 92.8040, 0.3119, 0.3184 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 92.8040, 0.3119, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 92.8040, 0.3119, 0.3184.



This preview shows how white text looks on a background with the Yxy color 92.8040, 0.3119, 0.3184.

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

92.8040, 0.3119, 0.3184

Protanopia

93.0880, 0.3087, 0.3203

Deuteranopia

92.9264, 0.3156, 0.3223



Tritanopia

93.0340, 0.3106, 0.3194

Trichromacy



Original Color

92.8040, 0.3119, 0.3184

Protanomaly

92.8488, 0.3100, 0.3193

Deuteranomaly

92.8005, 0.3144, 0.3213

Tritanomaly

93.2203, 0.3112, 0.3194

Monochromacy



Original Color

92.8040, 0.3119, 0.3184

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.8106, 0.3123, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8040, 0.3119, 0.3184 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, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 244, 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, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 255) }
```

Border

The CSS property to change the border of an element to Yxy 92.8040, 0.3119, 0.3184 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, 244, 255) }
```

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

```
.border{ border-color:rgb(253, 244, 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, 244, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8040, 0.3119, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 255) }
```

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

```
.background{ background-color: rgb(253,  
244, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor