

Converting Colors

$Y_{xy}(94.1877, 0.3096, 0.3216)$

Have a look what the booklet for
Yxy(94.1877, 0.3096, 0.3216)
contains.

Yxy(94.0655, 0.3099, 0.3213)	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(94.0655, 0.3099, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	FAF7FF
RGB	250, 247, 255
RGB Percent	98%, 97%, 100%
CMY	0.0197, 0.0313, 0.0000
CMYK	0.02, 0.03, 0.00, 0.00
HSL	262°, 100%, 98%
HSV	262°, 3%, 100%
XYZ	90.7280, 94.0655, 107.9719
YIQ	248.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

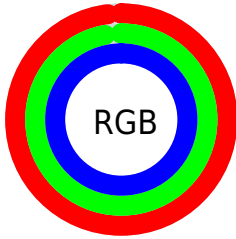
Format	Color
R _Y B	250, 247, 255
Decimal	16447487
CIE Lab	97.66, 2.40, -3.48
CIE LCh	98, 4.227, 304.631
Yxy	94.0655, 0.3099, 0.3213
Android (android.graphics.Color)	4294637567 (0xFFFAF7FF)
YUV	248.8090, 3.0522, 1.0445
Hunter-Lab	96.9874, -2.7480, 1.8862

Details

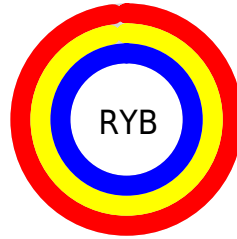
The Yxy color 94.0655, 0.3099, 0.3213 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.9289, 0.3155, 0.3367, and the grayscale version is 94.5415, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.8082, 0.3099, 0.3204 is the 20% darker color. If you saturate the color by 10%, you get 76.6916, 0.2999, 0.2950, and if you desaturate by 10%, it is 99.9993, 0.3127, 0.3290.

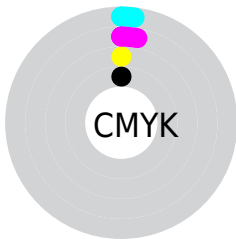
Distribution



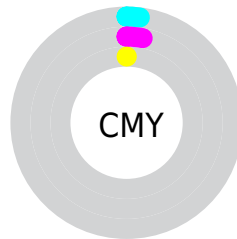
- Red (98%)
- Green (97%)
- Blue (100%)



- Red (98%)
- Yellow (97%)
- Blue (100%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0655, 0.3099, 0.3213 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 94.0655, 0.3099, 0.3213 by changing the saturation by 10% instead.


 94.0655, 0.3099,
0.3213

 94.0655, 0.3099,
0.3213


541.1689, 0.3112,
0.3247

 71.3574, 0.3096,
0.3206


152.9729, 0.3103,
0.3224

 52.6339, 0.3093,
0.3197


189.9411, 0.3105,
0.3229

 37.5106, 0.3089,
0.3186


232.4314, 0.3106,
0.3233

 25.6031, 0.3083,
0.3172

280.8282, 0.3108,
0.3236

 16.5269, 0.3076,
0.3153

335.5160, 0.3109,
0.3240

 9.8978, 0.3067,
0.3128

396.8791, 0.3110,

 5.3312, 0.3053,

0.3242

0.3092

465.3020, 0.3111,
0.3245

■ 2.4429, 0.3030,
0.3035

■ 0.8478, 0.2989,
0.2930

■ 94.0655, 0.3099,
0.3213

■ 94.0655, 0.3099,
0.3213

■ 76.6916, 0.2999,
0.2950

99.9993, 0.3127,
0.3290

■ 61.6051, 0.2884,
0.2664

■ 48.7119, 0.2753,
0.2358

■ 37.9065, 0.2607,
0.2041

■ 29.0743, 0.2451,
0.1727

■ 22.0896, 0.2290,
0.1430

■ 16.8116, 0.2131,
0.1170

■ 13.0781, 0.1984,
0.0964

■ 10.6933, 0.1857,
0.0821

Harmonies

Analogous

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



94.0655, 0.3060, 0.3212



94.0655, 0.3099, 0.3213



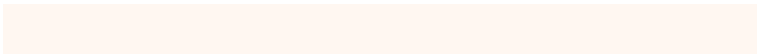
94.0655, 0.3146, 0.3234

Triad

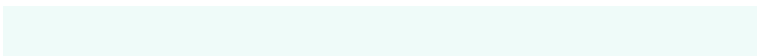
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.0655, 0.3099, 0.3213



94.0655, 0.3217, 0.3347



94.0655, 0.3066, 0.3311

Complementary

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



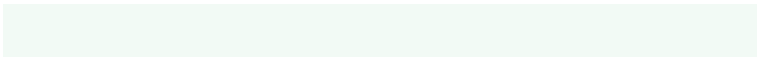
94.0655, 0.3099, 0.3213



98.9289, 0.3155, 0.3367

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.



94.0655, 0.3108, 0.3347



94.0655, 0.3099, 0.3213



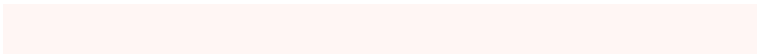
94.0655, 0.3195, 0.3369

Square

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



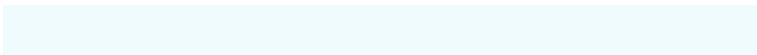
94.0655, 0.3099, 0.3213



94.0655, 0.3215, 0.3311



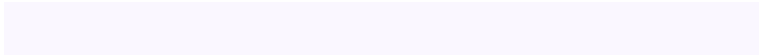
94.0655, 0.3155, 0.3369



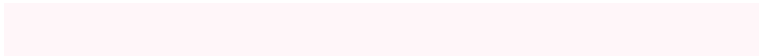
94.0655, 0.3041, 0.3268

Rectangle

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



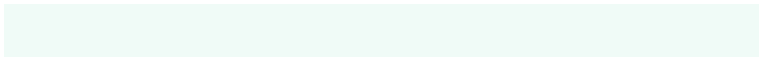
94.0655, 0.3099, 0.3213



94.0655, 0.3176, 0.3257



94.0655, 0.3155, 0.3369



94.0655, 0.3079, 0.3324

Sweetspot

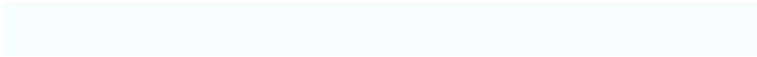
The Sweet Spot groups the original color and five complimentary colors.



94.0695, 0.3099, 0.3213



98.0814, 0.3118, 0.3266



96.6574, 0.3079, 0.3262



21.0137, 0.3119, 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.



94.0695, 0.3099, 0.3213



92.4693, 0.3091, 0.3191



94.8059, 0.3124, 0.3214



19.4982, 0.3084, 0.3172



5.1182, 0.1799, 0.0765



0.5581, 0.1923, 0.0833

Inverse Universe

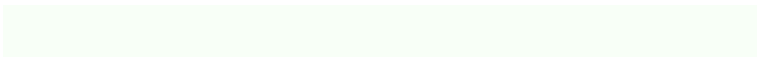
The Inverse Universe completely reimagines the original color for something new.



94.8174, 0.3148, 0.3242



93.4218, 0.3154, 0.3229



98.1999, 0.3130, 0.3367



19.7396, 0.3160, 0.3217



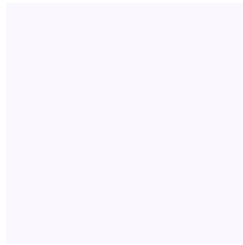
12.4671, 0.4431, 0.2214



1.2350, 0.4253, 0.2117

Previews

White Background



This preview shows how the Yxy color 94.0655, 0.3099, 0.3213 looks on a white background.

Color Contrast Check

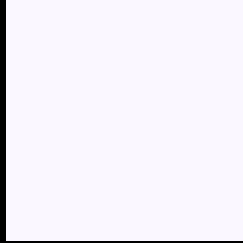
Large Text (above 18pt) WCAG AA × Fail

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 94.0655, 0.3099, 0.3213 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 94.0655, 0.3099, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 94.0655, 0.3099, 0.3213.



This preview shows how white text looks on a background with the Yxy color 94.0655, 0.3099, 0.3213.

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**

94.0655, 0.3099, 0.3213

Protanopia

94.2508, 0.3105, 0.3213

Deuteranopia

94.1366, 0.3155, 0.3242

Tritanopia

94.0655, 0.3099, 0.3213

Trichromacy



Original Color

94.0655, 0.3099, 0.3213

Protanomaly

94.2508, 0.3105, 0.3213

Deuteranomaly

93.8225, 0.3136, 0.3232

Tritanomaly

94.0655, 0.3099, 0.3213

Monochromacy



Original Color

94.0655, 0.3099, 0.3213

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.2396, 0.3116, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0655, 0.3099, 0.3213 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 $rgb(250, 247, 255)$ looks like.

```
.text, #text, p{  
    color:rgb(250, 247, 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(250, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 255) }
```

Border

The CSS property to change the border of an element to Yxy 94.0655, 0.3099, 0.3213 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(250, 247, 255) }
```

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

```
.border{ border-color:rgb(250, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0655, 0.3099, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 247, 255) }
```

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

```
.background{ background-color: rgb(250,  
247, 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