

Converting Colors

$Yxy(94.1165, 0.3168, 0.3371)$

Have a look what the booklet for
Yxy(94.1165, 0.3168, 0.3371)
contains.

Yxy(94.0587, 0.3168, 0.3368)	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(94.0587, 0.3168, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	F8F9F1
RGB	248, 249, 241
RGB Percent	97%, 98%, 95%
CMY	0.0274, 0.0235, 0.0548
CMYK	0.00, 0.00, 0.03, 0.02
HSL	67°, 40%, 96%
HSV	67°, 3%, 98%
XYZ	88.4733, 94.0587, 96.7397
YIQ	247.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

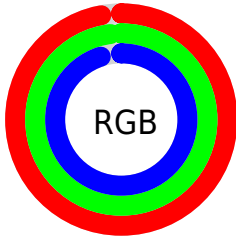
Format	Color
R _Y B	241, 249, 242
Decimal	16316913
CIE Lab	97.66, -1.70, 3.69
CIE LCh	98, 4.060, 114.730
Yxy	94.0587, 0.3168, 0.3368
Android (android.graphics.Color)	4294506993 (0xFFFF8F9F1)
YUV	247.7890, -3.3470, 0.1850
Hunter-Lab	96.9839, -6.8856, 8.7480

Details

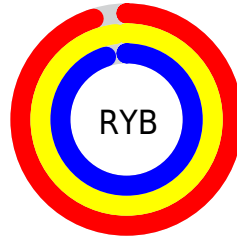
The Yxy color 94.0587, 0.3168, 0.3368 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6527, 0.3086, 0.3211, and the grayscale version is 93.7210, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.8492, 0.3179, 0.3390 is the 20% darker color. If you saturate the color by 10%, you get 92.1198, 0.3298, 0.3620, and if you desaturate by 10%, it is 95.4936, 0.3105, 0.3232.

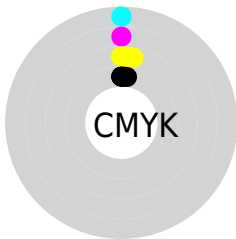
Distribution



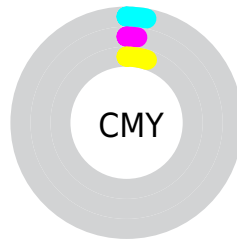
- Red (97%)
- Green (98%)
- Blue (95%)



- Red (95%)
- Yellow (98%)
- Blue (95%)



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




- Cyan (3%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0587, 0.3168, 0.3368 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 94.0587, 0.3168, 0.3368 by changing the saturation by 10% instead.

 94.0587, 0.3168,
0.3368

 94.0587, 0.3168,
0.3368

541.1471, 0.3150,
0.3334

 71.3518, 0.3172,
0.3376

152.9635, 0.3162,
0.3356

 52.6293, 0.3177,
0.3385

189.9302, 0.3160,
0.3352

 37.5069, 0.3183,
0.3396


232.4189, 0.3157,
0.3348

 25.6002, 0.3190,
0.3411

280.8141, 0.3156,
0.3344

 16.5248, 0.3200,
0.3430

335.5001, 0.3154,
0.3341

 9.8963, 0.3213,
0.3456

396.8614, 0.3153,

 5.3302, 0.3232,

0.3338

0.3495

465.2822, 0.3151,
0.3336

■ 2.4423, 0.3263,
0.3557

■ 0.8475, 0.3356,
0.3723

■ 94.0587, 0.3168,
0.3368

■ 94.0587, 0.3168,
0.3368

■ 92.1198, 0.3298,
0.3620

■ 95.4936, 0.3105,
0.3232

■ 90.3812, 0.3430,
0.3880

■ 96.0667, 0.3124,
0.3233

■ 88.8380, 0.3558,
0.4141

■ 96.2297, 0.3130,
0.3233

■ 87.4809, 0.3678,
0.4394

■ 86.2996, 0.3784,
0.4627

■ 85.2827, 0.3871,
0.4832

■ 84.4176, 0.3933,
0.4998

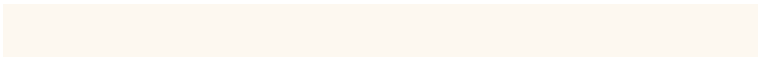
■ 83.6894, 0.3969,
0.5119

■ 83.0805, 0.3979,
0.5195

Harmonies

Analogous

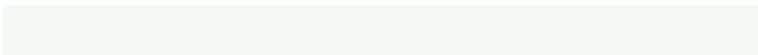
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0587, 0.3202, 0.3361



94.0587, 0.3168, 0.3368



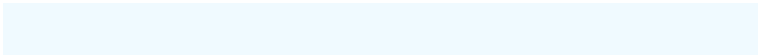
94.0587, 0.3124, 0.3354

Triad

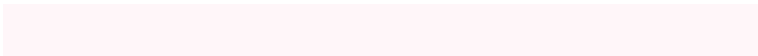
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.0587, 0.3168, 0.3368



94.0587, 0.3040, 0.3245



94.0587, 0.3174, 0.3258

Complementary

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



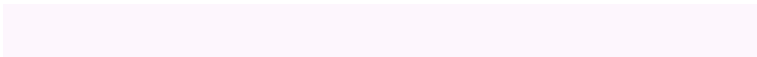
94.0587, 0.3168, 0.3368



88.6527, 0.3086, 0.3211

Split Complementary

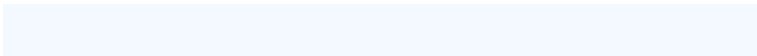
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.0587, 0.3130, 0.3228



94.0587, 0.3168, 0.3368



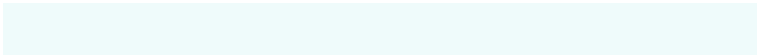
94.0587, 0.3053, 0.3220

Square

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



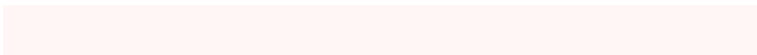
94.0587, 0.3168, 0.3368



94.0587, 0.3050, 0.3282



94.0587, 0.3086, 0.3214



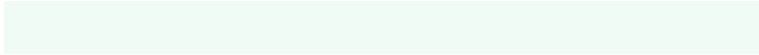
94.0587, 0.3205, 0.3297

Rectangle

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



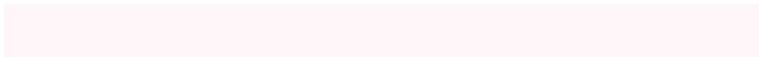
94.0587, 0.3168, 0.3368



94.0587, 0.3094, 0.3334



94.0587, 0.3086, 0.3214



94.0587, 0.3160, 0.3247

Sweetspot

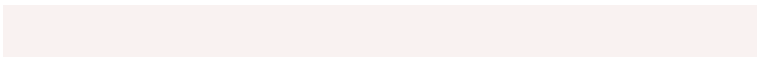
The Sweet Spot groups the original color and five complimentary colors.



94.0628, 0.3168, 0.3368



99.7775, 0.3140, 0.3314



89.9769, 0.3179, 0.3299



21.3588, 0.3139, 0.3313



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.



94.0628, 0.3168, 0.3368



99.1234, 0.3178, 0.3388



93.3519, 0.3143, 0.3369



20.2780, 0.3188, 0.3406



44.3204, 0.3978, 0.5223



4.1343, 0.4005, 0.5202

Inverse Universe

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



88.6527, 0.3086, 0.3211



92.0064, 0.3075, 0.3191



89.3557, 0.3111, 0.3212



18.5576, 0.3065, 0.3172



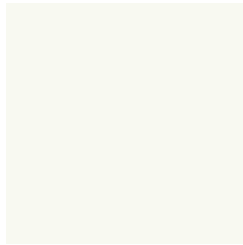
3.8455, 0.1545, 0.0625



0.3876, 0.1624, 0.0669

Previews

White Background



This preview shows how the Yxy color 94.0587, 0.3168, 0.3368 looks on a white background.

Color Contrast Check

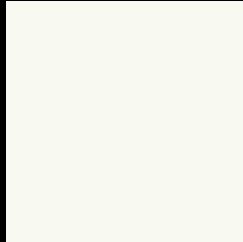
Large Text (above 18pt) WCAG AA × Fail

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 94.0587, 0.3168, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

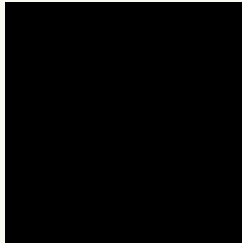
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

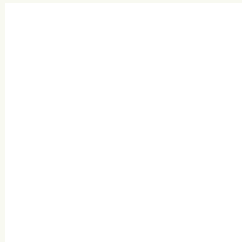
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.0587, 0.3168, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 94.0587, 0.3168, 0.3368.

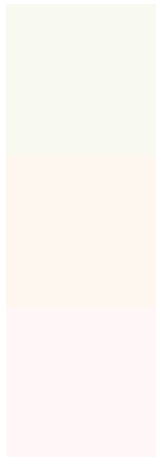


This preview shows how white text looks on a background with the Yxy color 94.0587, 0.3168, 0.3368.

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

94.0587, 0.3168, 0.3368

Protanopia

93.8836, 0.3214, 0.3358

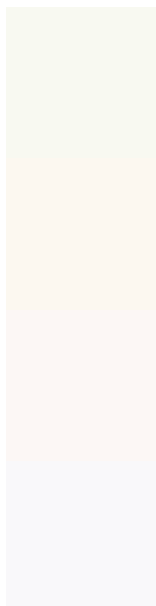
Deuteranopia

93.8869, 0.3179, 0.3281

Tritanopia

94.0655, 0.3099, 0.3213

Trichromacy



Original Color

94.0587, 0.3168, 0.3368

Protanomaly

94.1215, 0.3201, 0.3368

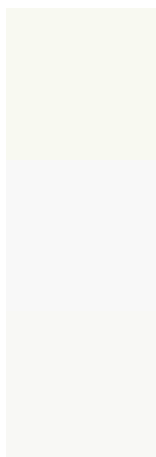
Deuteranomaly

93.8095, 0.3171, 0.3310

Tritanomaly

94.1767, 0.3122, 0.3271

Monochromacy



Original Color

94.0587, 0.3168, 0.3368

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.6838, 0.3145, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0587, 0.3168, 0.3368 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, 249, 241)` looks like.

```
.text, #text, p{  
    color:rgb(248, 249, 241)  
}
```

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, 249, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 241) }
```

Border

The CSS property to change the border of an element to Yxy 94.0587, 0.3168, 0.3368 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, 249, 241) }
```

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

```
.border{ border-color:rgb(248, 249, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 249, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 241);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0587, 0.3168, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 249, 241) }
```

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

```
.background{ background-color: rgb(248,  
249, 241) }
```

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