

Converting Colors

Yxy(94.3622, 0.3163, 0.3349)

Have a look what the booklet for
Yxy(94.3622, 0.3163, 0.3349)
contains.

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Color

Yxy(94.3622, 0.3163, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	F9F9F3
RGB	249, 249, 243
RGB Percent	98%, 98%, 95%
CMY	0.0234, 0.0235, 0.0472
CMYK	0.00, 0.00, 0.02, 0.02
HSL	60°, 34%, 96%
HSV	60°, 2%, 98%
XYZ	89.1214, 94.3622, 98.2787
YIQ	248.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

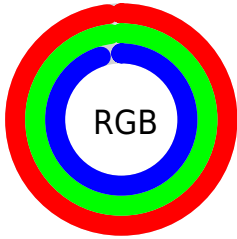
Format	Color
R_{YB}	243, 249, 243
Decimal	16382451
CIE _{Lab}	97.78, -1.04, 2.88
CIE _{LCh}	98, 3.065, 109.752
Yxy	94.3622, 0.3163, 0.3349
Android (android.graphics.Color)	4294572531 (0xFFFF9F9F3)
YUV	248.3160, -2.6208, 0.5999
Hunter-Lab	97.1402, -6.2303, 8.0133

Details

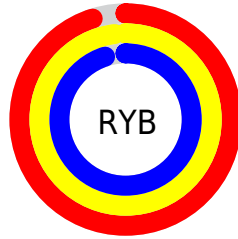
The Yxy color 94.3622, 0.3163, 0.3349 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.9796, 0.3091, 0.3230, and the grayscale version is 94.1654, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.0652, 0.3172, 0.3365 is the 20% darker color. If you saturate the color by 10%, you get 92.9094, 0.3314, 0.3597, and if you desaturate by 10%, it is 95.1707, 0.3092, 0.3233.

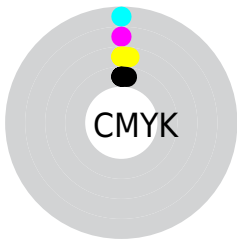
Distribution



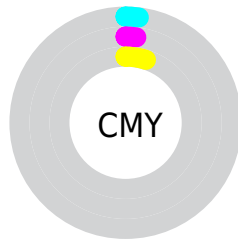
- Red (98%)
- Green (98%)
- Blue (95%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.3622, 0.3163, 0.3349 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 94.3622, 0.3163, 0.3349 by changing the saturation by 10% instead.


 94.3622, 0.3163,
0.3349

 94.3622, 0.3163,
0.3349


542.1211, 0.3147,
0.3323

 71.6042, 0.3166,
0.3355

153.3832, 0.3158,
0.3340

 52.8355, 0.3171,
0.3362


190.4150, 0.3156,
0.3337

 37.6714, 0.3176,
0.3370


232.9735, 0.3154,
0.3334

 25.7278, 0.3182,
0.3381

281.4432, 0.3152,
0.3331

 16.6201, 0.3191,
0.3395

336.2084, 0.3151,
0.3329

 9.9640, 0.3203,
0.3415

397.6535, 0.3149,

 5.3751, 0.3220,

0.3327

466.1630, 0.3148,
0.3325

0.3444

■ 2.4690, 0.3247,
0.3490

■ 0.8610, 0.3318,
0.3603

■ 94.3622, 0.3163,
0.3349

■ 94.3622, 0.3163,
0.3349

■ 92.9094, 0.3314,
0.3597

■ 95.1707, 0.3092,
0.3233

■ 91.6484, 0.3467,
0.3850

■ 95.2240, 0.3092,
0.3234


■ 90.5747, 0.3619,
0.4099

■ 95.2772, 0.3092,
0.3235

■ 89.6788, 0.3763,
0.4336


■ 95.3305, 0.3092,
0.3235


 88.9506, 0.3893,
0.4550

 95.3838, 0.3092,
0.3236

 88.3788, 0.4005,
0.4732


 95.4371, 0.3092,
0.3237

 87.9510, 0.4092,
0.4874

 95.4905, 0.3092,
0.3238

 87.6527, 0.4152,
0.4973

 95.5439, 0.3092,
0.3239

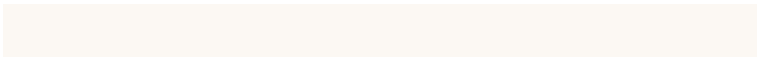
 87.4662, 0.4187,
0.5028

 95.5973, 0.3092,
0.3240

Harmonies

Analogous

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



94.3622, 0.3186, 0.3341



94.3622, 0.3163, 0.3349



94.3622, 0.3130, 0.3341

Triad

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



94.3622, 0.3163, 0.3349



94.3622, 0.3061, 0.3260



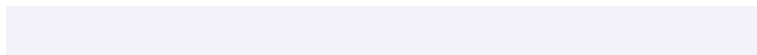
94.3622, 0.3158, 0.3262

Complementary

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



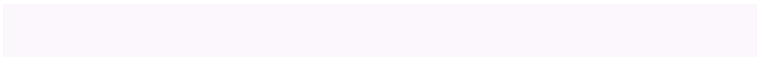
94.3622, 0.3163, 0.3349



89.9796, 0.3091, 0.3230

Split Complementary

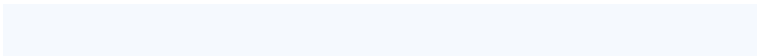
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3622, 0.3124, 0.3240



94.3622, 0.3163, 0.3349



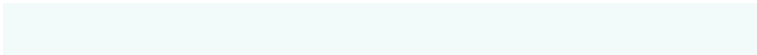
94.3622, 0.3069, 0.3239

Square

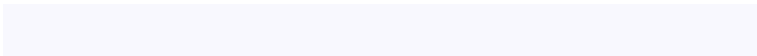
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



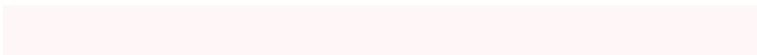
94.3622, 0.3163, 0.3349



94.3622, 0.3072, 0.3290



94.3622, 0.3091, 0.3232



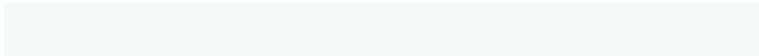
94.3622, 0.3183, 0.3291

Rectangle

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



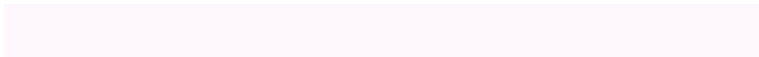
94.3622, 0.3163, 0.3349



94.3622, 0.3108, 0.3328



94.3622, 0.3091, 0.3232



94.3622, 0.3147, 0.3253

Sweetspot

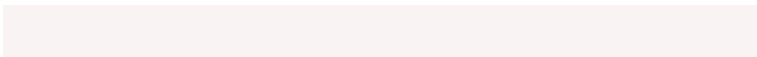
The Sweet Spot groups the original color and five complimentary colors.



94.3663, 0.3163, 0.3349



99.8312, 0.3142, 0.3314



90.6972, 0.3166, 0.3289



21.3698, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



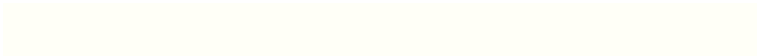
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.3663, 0.3163, 0.3349



99.5002, 0.3171, 0.3363



93.8449, 0.3144, 0.3350



20.3613, 0.3183, 0.3382



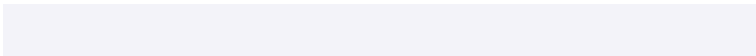
46.7674, 0.4199, 0.5048



4.3347, 0.4198, 0.5048

Inverse Universe

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



89.9796, 0.3091, 0.3230



93.8099, 0.3082, 0.3216



90.4925, 0.3110, 0.3230



18.8946, 0.3070, 0.3196



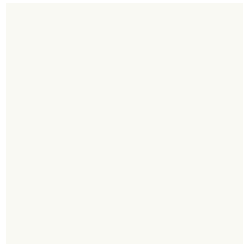
3.6753, 0.1501, 0.0602



0.3437, 0.1502, 0.0607

Previews

White Background



This preview shows how the Yxy color 94.3622, 0.3163, 0.3349 looks on a white background.

Color Contrast Check

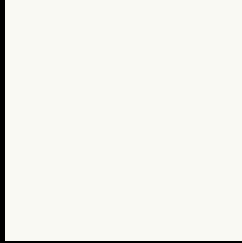
Large Text (above 18pt) WCAG AA × Fail

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 94.3622, 0.3163, 0.3349 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

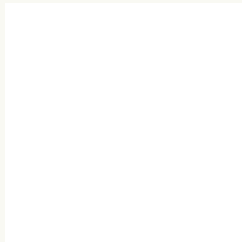
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.3622, 0.3163, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 94.3622, 0.3163, 0.3349.

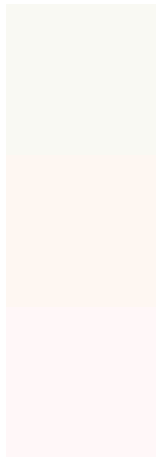


This preview shows how white text looks on a background with the Yxy color 94.3622, 0.3163, 0.3349.

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

94.3622, 0.3163, 0.3349

Protanopia

94.0032, 0.3202, 0.3339

Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

94.0655, 0.3099, 0.3213

Trichromacy



Original Color

94.3622, 0.3163, 0.3349

Protanomaly

94.2411, 0.3189, 0.3348

Deuteranomaly

94.6713, 0.3171, 0.3309

Tritanomaly

94.4238, 0.3122, 0.3261

Monochromacy



Original Color

94.3622, 0.3163, 0.3349

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.7451, 0.3139, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3622, 0.3163, 0.3349 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 $rgb(249, 249, 243)$ looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 243)  
}
```

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(249, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 243) }
```

Border

The CSS property to change the border of an element to Yxy 94.3622, 0.3163, 0.3349 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(249, 249, 243) }
```

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

```
.border{ border-color:rgb(249, 249, 243) }
```

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

Here you see how a box with a 4 pixel rgb(249, 249, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3622, 0.3163, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 243) }
```

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

```
.background{ background-color: rgb(249,  
249, 243) }
```

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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