

Converting Colors

$Y_{xy}(94.0796, 0.3186, 0.3340)$

Have a look what the booklet for
Yxy(94.0796, 0.3186, 0.3340)
contains.

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Color

Yxy(94.3013, 0.3183, 0.3339)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FCF8F3 |
| RGB | 252, 248, 243 |
| RGB Percent | 99%, 97%, 95% |
| CMY | 0.0116, 0.0275, 0.0472 |
| CMYK | 0.00, 0.02, 0.04, 0.01 |
| HSL | 33°, 61%, 97% |
| HSV | 33°, 4%, 99% |
| XYZ | 89.8955, 94.3013, 98.2270 |
| YIQ | 248.6260, 3.9890, -0.7070 |

Conversions

Conversions Part 2

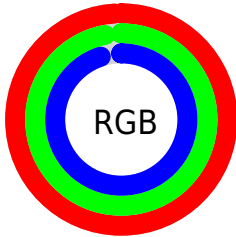
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 250, 252, 243 |
| Decimal | 16578803 |
| CIE _{Lab} | 97.75, 0.48, 2.88 |
| CIE _{LCh} | 98, 2.916, 80.474 |
| Yxy | 94.3013, 0.3183, 0.3339 |
| Android (android.graphics.Color) | 4294768883 (0xFFFCF8F3) |
| YUV | 248.6260, -2.7736, 2.9590 |
| Hunter-Lab | 97.1089, -4.6997, 8.0035 |

Details

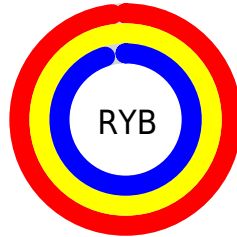
The Yxy color 94.3013, 0.3183, 0.3339 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.6028, 0.3072, 0.3241, and the grayscale version is 94.4342, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.8892, 0.3189, 0.3352 is the 20% darker color. If you saturate the color by 10%, you get 86.1912, 0.3352, 0.3481, and if you desaturate by 10%, it is 99.4429, 0.3109, 0.3290.

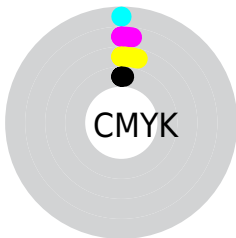
Distribution



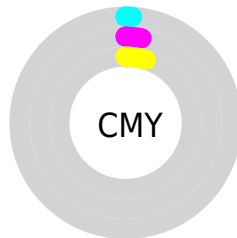
- Red (99%)
- Green (97%)
- Blue (95%)



- Red (98%)
- Yellow (99%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3013, 0.3183, 0.3339 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 94.3013, 0.3183, 0.3339 by changing the saturation by 10% instead.

 94.3013, 0.3183,
0.3339

 94.3013, 0.3183,
0.3339

541.9257, 0.3158,
0.3317

 71.5536, 0.3188,
0.3344

153.2990, 0.3175,
0.3332

 52.7941, 0.3195,
0.3349


190.3177, 0.3171,
0.3329

 37.6384, 0.3203,
0.3356


232.8623, 0.3168,
0.3326

 25.7022, 0.3213,
0.3365

281.3170, 0.3166,
0.3324

 16.6010, 0.3227,
0.3377

336.0663, 0.3164,
0.3322

 9.9504, 0.3245,
0.3393

397.4946, 0.3162,

 5.3661, 0.3273,

0.3320

0.3417

465.9863, 0.3160,
0.3319

■ 2.4636, 0.3316,
0.3454

■ 0.8583, 0.3421,
0.3548

■ 94.3013, 0.3183,
0.3339

■ 94.3013, 0.3183,
0.3339

■ 86.1912, 0.3352,
0.3481

■ 99.4429, 0.3109,
0.3290

■ 78.6842, 0.3543,
0.3629

■ 71.7678, 0.3755,
0.3779

■ 65.4247, 0.3987,
0.3926

■ 59.6367, 0.4234,
0.4060

■ 54.3838, 0.4489,
0.4171

■ 49.6448, 0.4739,
0.4244

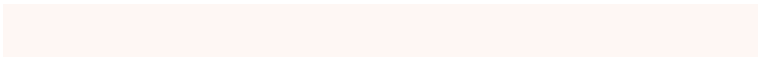
■ 45.3956, 0.4968,
0.4269

■ 41.6089, 0.5164,
0.4239

Harmonies

Analogous

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



94.3013, 0.3190, 0.3319



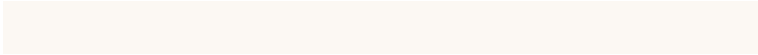
94.3013, 0.3183, 0.3339



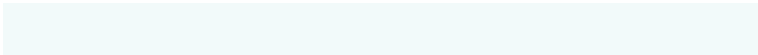
94.3013, 0.3161, 0.3346

Triad

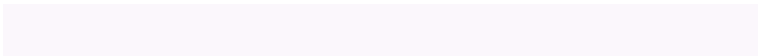
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.3013, 0.3183, 0.3339



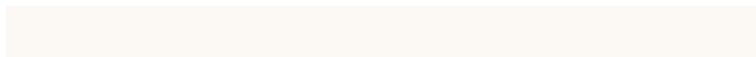
94.3013, 0.3074, 0.3289



94.3013, 0.3125, 0.3243

Complementary

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



94.3013, 0.3183, 0.3339



92.6028, 0.3072, 0.3241

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.



94.3013, 0.3094, 0.3235



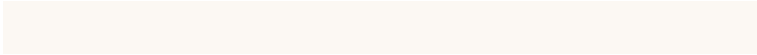
94.3013, 0.3183, 0.3339



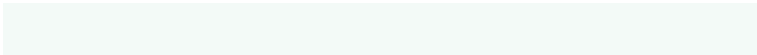
94.3013, 0.3065, 0.3261

Square

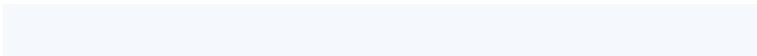
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.3013, 0.3183, 0.3339



94.3013, 0.3098, 0.3317



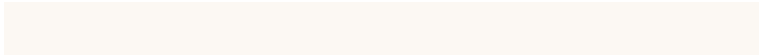
94.3013, 0.3072, 0.3241



94.3013, 0.3157, 0.3264

Rectangle

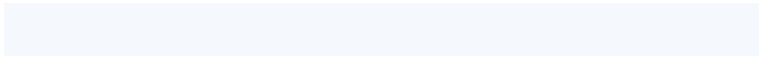
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



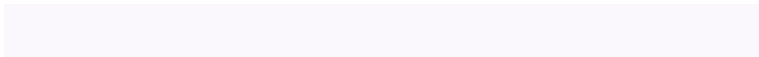
94.3013, 0.3183, 0.3339



94.3013, 0.3140, 0.3342



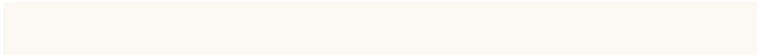
94.3013, 0.3072, 0.3241



94.3013, 0.3114, 0.3239

Sweetspot

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



94.3054, 0.3183, 0.3339



99.1146, 0.3142, 0.3304



91.5000, 0.3161, 0.3250



21.2240, 0.3142, 0.3303



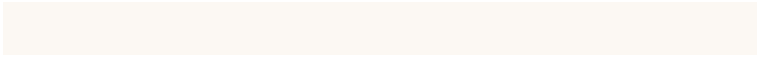
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



94.3054, 0.3183, 0.3339



96.4969, 0.3189, 0.3345



96.7327, 0.3177, 0.3378



19.6414, 0.3201, 0.3355



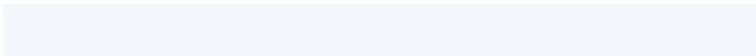
20.8194, 0.5249, 0.4214



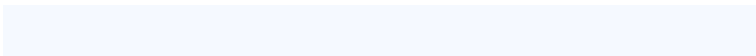
2.1397, 0.5088, 0.4342

Inverse Universe

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



92.6028, 0.3072, 0.3241



94.5591, 0.3066, 0.3235



90.2385, 0.3076, 0.3201



19.1730, 0.3054, 0.3224



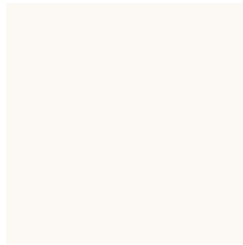
10.0043, 0.1722, 0.1398



1.1344, 0.1785, 0.1626

Previews

White Background



This preview shows how the Yxy color 94.3013, 0.3183, 0.3339 looks on a white background.

Color Contrast Check

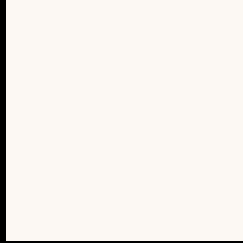
Large Text (above 18pt) WCAG AA × Fail

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 94.3013, 0.3183, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

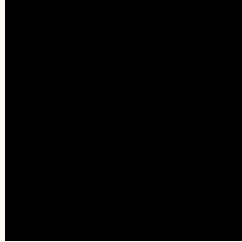
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.3013, 0.3183, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 94.3013, 0.3183, 0.3339.



This preview shows how white text looks on a background with the Yxy color 94.3013, 0.3183, 0.3339.

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

94.3013, 0.3183, 0.3339

Protanopia

94.0634, 0.3196, 0.3329

Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

94.2508, 0.3105, 0.3213

Trichromacy



Original Color

94.3013, 0.3183, 0.3339

Protanomaly

93.8752, 0.3190, 0.3329

Deuteranomaly

94.2462, 0.3178, 0.3300

Tritanomaly

93.9958, 0.3129, 0.3251

Monochromacy



Original Color

94.3013, 0.3183, 0.3339

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.7908, 0.3145, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3013, 0.3183, 0.3339 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, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(252, 248, 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(252, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 248, 243) }
```

Border

The CSS property to change the border of an element to Yxy 94.3013, 0.3183, 0.3339 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, 248, 243) }
```

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

```
.border{ border-color:rgb(252, 248, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 248, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 248, 243); box-shadow:4px 4px 4px 4px rgb(252, 248, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3013, 0.3183, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 248, 243) }
```

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

```
.background{ background-color: rgb(252,  
248, 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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