

Converting Colors

Yxy(94.9949, 0.3211, 0.3417)

Have a look what the booklet for
Yxy(94.9949, 0.3211, 0.3417)
contains.

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Color

Yxy(94.9949, 0.3211, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	FBFAED
RGB	251, 250, 237
RGB Percent	98%, 98%, 93%
CMY	0.0155, 0.0196, 0.0706
CMYK	0.00, 0.00, 0.06, 0.02
HSL	55°, 64%, 96%
HSV	55°, 6%, 98%
XYZ	89.2680, 94.9949, 93.7439
YIQ	248.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

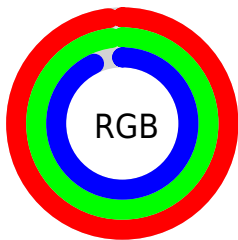
Format	Color
R _Y B	238, 251, 237
Decimal	16513773
CIE Lab	98.03, -1.86, 6.34
CIE LCh	98, 6.609, 106.357
Yxy	94.9949, 0.3211, 0.3417
Android (android.graphics.Color)	4294703853 (0xFFFBFAED)
YUV	248.8170, -5.8258, 1.9145
Hunter-Lab	97.4653, -7.0771, 11.1996

Details

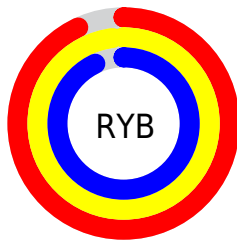
The Yxy color 94.9949, 0.3211, 0.3417 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.1514, 0.3042, 0.3160, and the grayscale version is 94.6270, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.3891, 0.3225, 0.3452 is the 20% darker color. If you saturate the color by 10%, you get 92.4611, 0.3366, 0.3650, and if you desaturate by 10%, it is 97.2886, 0.3104, 0.3260.

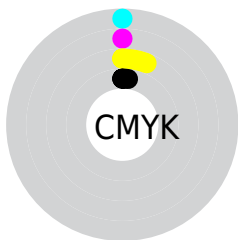
Distribution



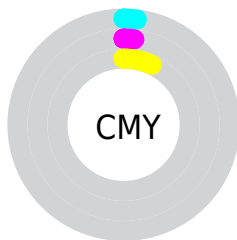
- Red (98%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9949, 0.3211, 0.3417 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 94.9949, 0.3211, 0.3417 by changing the saturation by 10% instead.


 94.9949, 0.3211,
0.3417

 94.9949, 0.3211,
0.3417


544.1487, 0.3174,
0.3361

 72.1307, 0.3219,
0.3429


154.2576, 0.3199,
0.3398

 53.2655, 0.3229,
0.3444


191.4248, 0.3194,
0.3390

 38.0147, 0.3241,
0.3463


234.1286, 0.3189,
0.3384

 25.9941, 0.3256,
0.3486

282.7533, 0.3186,
0.3378

 16.8192, 0.3276,
0.3517

337.6832, 0.3182,
0.3373

 10.1057, 0.3303,
0.3560

399.3028, 0.3179,

 5.4691, 0.3342,

0.3369

0.3622

467.9965, 0.3177,
0.3364

■ 2.5250, 0.3404,
0.3721

■ 0.8891, 0.3613,
0.4017

■ 94.9949, 0.3211,
0.3417

■ 94.9949, 0.3211,
0.3417

■ 92.4611, 0.3366,
0.3650

■ 97.2886, 0.3104,
0.3260

■ 90.1320, 0.3526,
0.3887

■ 98.4840, 0.3103,
0.3278

■ 88.0024, 0.3686,
0.4120

■ 99.2591, 0.3103,
0.3290

■ 86.0628, 0.3840,
0.4339

■ 84.3022, 0.3982,
0.4536

■ 82.7088, 0.4105,
0.4699

■ 81.2694, 0.4204,
0.4822

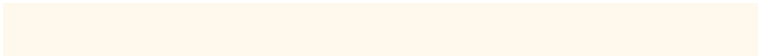
■ 79.9682, 0.4276,
0.4900

■ 78.7858, 0.4321,
0.4935

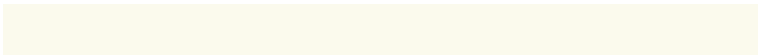
Harmonies

Analogous

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



94.9949, 0.3258, 0.3395



94.9949, 0.3211, 0.3417



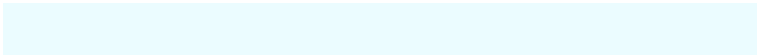
94.9949, 0.3142, 0.3404

Triad

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



94.9949, 0.3211, 0.3417



94.9949, 0.2987, 0.3232



94.9949, 0.3185, 0.3223

Complementary

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



94.9949, 0.3211, 0.3417



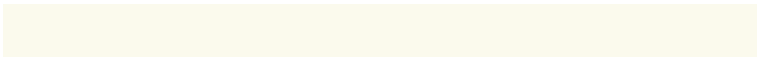
86.1514, 0.3042, 0.3160

Split Complementary

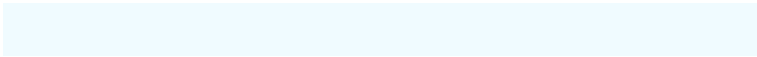
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9949, 0.3111, 0.3180



94.9949, 0.3211, 0.3417



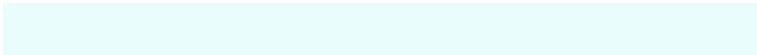
94.9949, 0.2998, 0.3184

Square

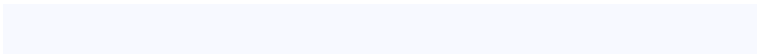
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



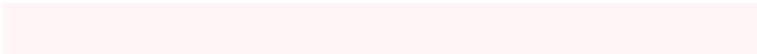
94.9949, 0.3211, 0.3417



94.9949, 0.3013, 0.3296



94.9949, 0.3043, 0.3166



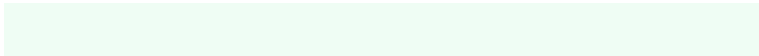
94.9949, 0.3243, 0.3283

Rectangle

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



94.9949, 0.3211, 0.3417



94.9949, 0.3093, 0.3377



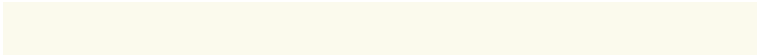
94.9949, 0.3043, 0.3166



94.9949, 0.3161, 0.3206

Sweetspot

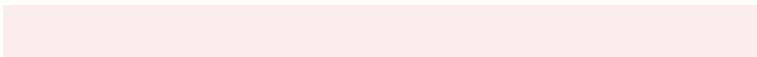
The Sweet Spot groups the original color and five complimentary colors.



94.9990, 0.3211, 0.3417



99.4305, 0.3157, 0.3335



87.2652, 0.3214, 0.3279



21.2882, 0.3155, 0.3333



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.



94.9990, 0.3211, 0.3417



98.0466, 0.3232, 0.3449



94.5888, 0.3173, 0.3429



20.0573, 0.3241, 0.3463



41.2296, 0.4332, 0.4942



3.8834, 0.4314, 0.4957

Inverse Universe

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



86.1514, 0.3042, 0.3160



86.6894, 0.3019, 0.3126



86.5600, 0.3080, 0.3151



17.5448, 0.3010, 0.3111



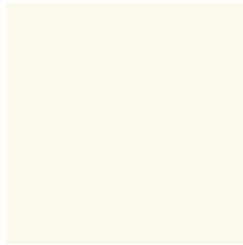
3.9817, 0.1513, 0.0647



0.4394, 0.1543, 0.0755

Previews

White Background



This preview shows how the Yxy color 94.9949, 0.3211, 0.3417 looks on a white background.

Color Contrast Check

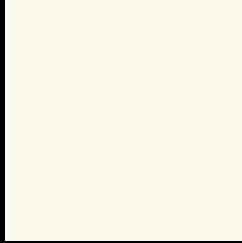
Large Text (above 18pt) WCAG AA × Fail

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 94.9949, 0.3211, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

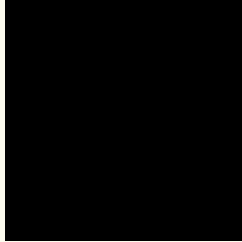
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.9949, 0.3211, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 94.9949, 0.3211, 0.3417.

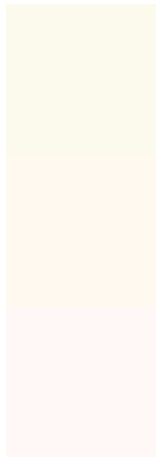


This preview shows how white text looks on a background with the Yxy color 94.9949, 0.3211, 0.3417.

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

94.9949, 0.3211, 0.3417

Protanopia

95.2434, 0.3225, 0.3387

Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

94.8640, 0.3105, 0.3223

Trichromacy



Original Color

94.9949, 0.3211, 0.3417

Protanomaly

94.9952, 0.3225, 0.3397

Deuteranomaly

95.2933, 0.3195, 0.3348

Tritanomaly

95.0379, 0.3146, 0.3300

Monochromacy



Original Color

94.9949, 0.3211, 0.3417

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.6679, 0.3157, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9949, 0.3211, 0.3417 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(251, 250, 237)` looks like.

```
.text, #text, p{  
    color:rgb(251, 250, 237)  
}
```

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(251, 250, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 250, 237) }
```

Border

The CSS property to change the border of an element to Yxy 94.9949, 0.3211, 0.3417 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(251, 250, 237) }
```

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

```
.border{ border-color:rgb(251, 250, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 250, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 250, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 250, 237);  
box-shadow:4px 4px 4px 4px rgb(251, 250,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9949, 0.3211, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 250, 237) }
```

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

```
.background{ background-color: rgb(251,  
250, 237) }
```

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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