

Converting Colors

$Yxy(99.3905, 0.3406, 0.3438)$

Have a look what the booklet for
Yxy(99.3905, 0.3406, 0.3438)
contains.

Yxy(94.8946, 0.3262, 0.3446)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.8946, 0.3262, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9E9
RGB	255, 249, 233
RGB Percent	100%, 98%, 91%
CMY	0.0000, 0.0235, 0.0864
CMYK	0.00, 0.02, 0.09, 0.00
HSL	44°, 100%, 96%
HSV	44°, 9%, 100%
XYZ	89.8277, 94.8946, 90.6538
YIQ	248.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

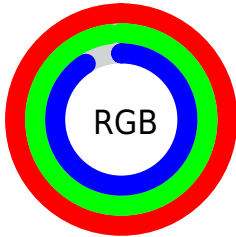
Format	Color
R _Y B	241, 255, 233
Decimal	16775657
CIE Lab	97.99, -0.67, 8.39
CIE LCh	98, 8.413, 94.547
Yxy	94.8946, 0.3262, 0.3446
Android (android.graphics.Color)	4294965737 (0xFFFFF9E9)
YUV	248.9700, -7.8732, 5.2883
Hunter-Lab	97.4139, -5.8751, 13.0141

Details

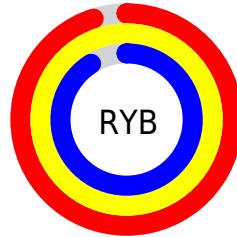
The Yxy color 94.8946, 0.3262, 0.3446 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.2584, 0.2993, 0.3129, and the grayscale version is 94.7634, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.3200, 0.3290, 0.3488 is the 20% darker color. If you saturate the color by 10%, you get 89.3252, 0.3431, 0.3634, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

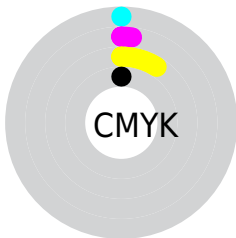
Distribution



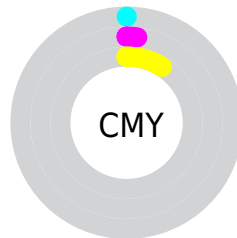
- Red (100%)
- Green (98%)
- Blue (91%)



- Red (95%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.8946, 0.3262, 0.3446 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 94.8946, 0.3262, 0.3446 by changing the saturation by 10% instead.

 94.8946, 0.3262,
0.3446

 94.8946, 0.3262,
0.3446


543.8275, 0.3203,
0.3377

 72.0473, 0.3275,
0.3461


154.1190, 0.3242,
0.3423

 53.1973, 0.3291,
0.3479


191.2648, 0.3234,
0.3413

 37.9603, 0.3310,
0.3502


233.9456, 0.3227,
0.3405

 25.9519, 0.3335,
0.3531

282.5457, 0.3221,
0.3398

 16.7876, 0.3367,
0.3568

337.4496, 0.3216,
0.3392

 10.0832, 0.3411,
0.3620

399.0415, 0.3211,

 5.4542, 0.3475,

0.3387

0.3695

467.7061, 0.3206,
0.3382

■ 2.5161, 0.3575,
0.3813

■ 0.8847, 0.3953,
0.4241

■ 94.8946, 0.3262,
0.3446

■ 94.8946, 0.3262,
0.3446

■ 89.3252, 0.3431,
0.3634

100.0000, 0.3127,
0.3290

■ 84.1153, 0.3613,
0.3826

■ 79.2527, 0.3804,
0.4016

■ 74.7253, 0.4000,
0.4196

■ 70.5198, 0.4194,
0.4354

■ 66.6217, 0.4376,
0.4480

■ 63.0147, 0.4538,
0.4564

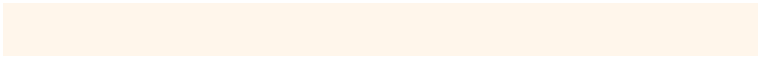
■ 59.6798, 0.4671,
0.4598

■ 56.5905, 0.4774,
0.4585

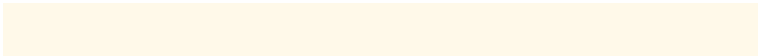
Harmonies

Analogous

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



94.8946, 0.3306, 0.3403



94.8946, 0.3262, 0.3446



94.8946, 0.3182, 0.3447

Triad

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



94.8946, 0.3262, 0.3446



94.8946, 0.2956, 0.3246



94.8946, 0.3164, 0.3179

Complementary

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



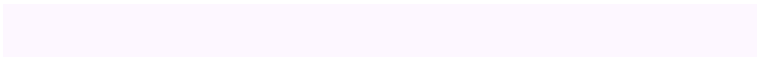
94.8946, 0.3262, 0.3446



86.2584, 0.2993, 0.3129

Split Complementary

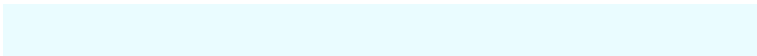
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8946, 0.3071, 0.3138



94.8946, 0.3262, 0.3446



94.8946, 0.2952, 0.3175

Square

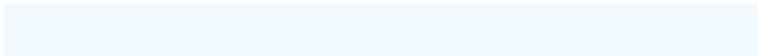
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.8946, 0.3262, 0.3446



94.8946, 0.3006, 0.3330



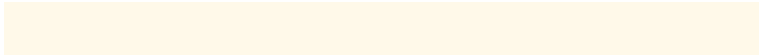
94.8946, 0.2993, 0.3136



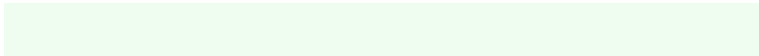
94.8946, 0.3249, 0.3249

Rectangle

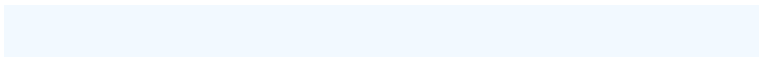
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.8946, 0.3262, 0.3446



94.8946, 0.3120, 0.3424



94.8946, 0.2993, 0.3136



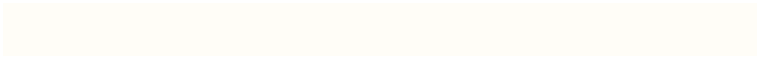
94.8946, 0.3133, 0.3162

Sweetspot

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



94.8937, 0.3262, 0.3446



98.1947, 0.3173, 0.3343



85.7693, 0.3237, 0.3229



20.9156, 0.3185, 0.3358



0.0000, 0.0000, 0.0000



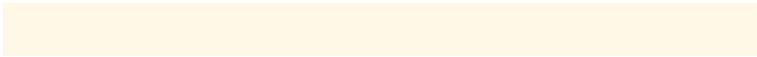
21.4041, 0.3127, 0.3290

Same Dimension

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



94.8937, 0.3262, 0.3446



94.1131, 0.3284, 0.3471



97.7680, 0.3225, 0.3505



20.2046, 0.3276, 0.3462



29.6187, 0.4775, 0.4591



3.0658, 0.4693, 0.4656

Inverse Universe

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



86.2584, 0.2993, 0.3129



84.2085, 0.2971, 0.3102



83.6181, 0.3024, 0.3070



18.1828, 0.2979, 0.3112



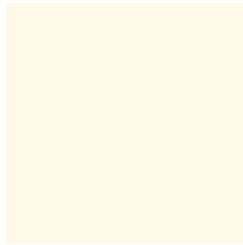
6.2372, 0.1592, 0.0931



0.7796, 0.1652, 0.1145

Previews

White Background



This preview shows how the Yxy color 94.8946, 0.3262, 0.3446 looks on a white background.

Color Contrast Check

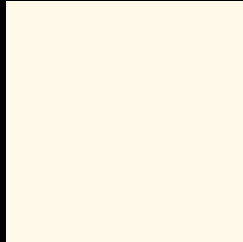
Large Text (above 18pt) WCAG AA × Fail

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 94.8946, 0.3262, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

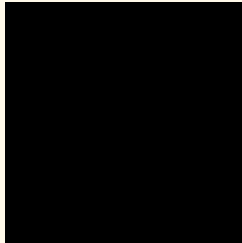
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.8946, 0.3262, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 94.8946, 0.3262, 0.3446.

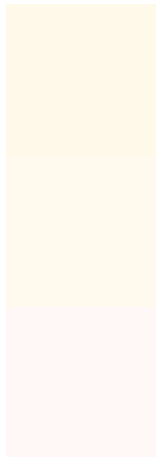


This preview shows how white text looks on a background with the Yxy color 94.8946, 0.3262, 0.3446.

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

94.8946, 0.3262, 0.3446

Protanopia

95.1844, 0.3231, 0.3397

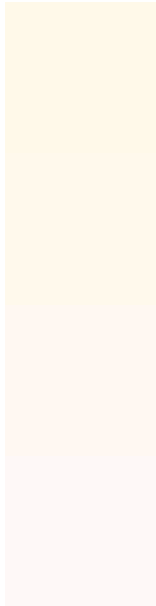
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

94.6242, 0.3118, 0.3213

Trichromacy



Original Color

94.8946, 0.3262, 0.3446

Protanomaly

95.0675, 0.3243, 0.3416

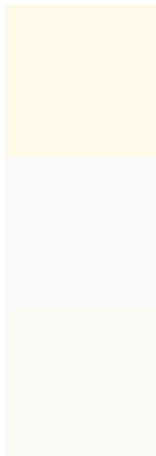
Deuteranomaly

94.8056, 0.3208, 0.3348

Tritanomaly

94.9210, 0.3171, 0.3300

Monochromacy



Original Color

94.8946, 0.3262, 0.3446

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.7317, 0.3175, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8946, 0.3262, 0.3446 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(255, 249, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 233)  
}
```

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(255, 249, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 233) }
```

Border

The CSS property to change the border of an element to Yxy 94.8946, 0.3262, 0.3446 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(255, 249, 233) }
```

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

```
.border{ border-color:rgb(255, 249, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8946, 0.3262, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 233) }
```

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

```
.background{ background-color: rgb(255,  
249, 233) }
```

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