

Converting Colors

$Y_{xy}(94.2109, 0.3315, 0.3528)$

Have a look what the booklet for
Yxy(94.2109, 0.3315, 0.3528)
contains.

Yxy(94.3932, 0.3317, 0.3535)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.3932, 0.3317, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9E0
RGB	255, 249, 224
RGB Percent	100%, 98%, 88%
CMY	0.0000, 0.0235, 0.1216
CMYK	0.00, 0.02, 0.12, 0.00
HSL	48°, 100%, 94%
HSV	48°, 12%, 100%
XYZ	88.5721, 94.3932, 84.0593
YIQ	247.9440, 11.6010, -6.5030

Conversions

Conversions Part 2

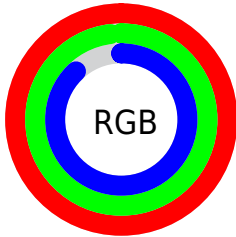
Format	Color
R _Y B	231, 255, 224
Decimal	16775648
CIE Lab	97.79, -2.10, 12.72
CIE LCh	98, 12.889, 99.364
Yxy	94.3932, 0.3317, 0.3535
Android (android.graphics.Color)	4294965728 (0xFFFFF9E0)
YUV	247.9440, -11.8044, 6.1881
Hunter-Lab	97.1562, -7.2944, 16.7117

Details

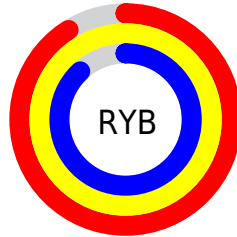
The Yxy color **94.3932, 0.3317, 0.3535** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.6471, 0.2935, 0.3033**, and the grayscale version is **93.9118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.0103, 0.3353, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **90.1053, 0.3485, 0.3744**, and if you desaturate by 10%, it is **98.9712, 0.3160, 0.3333**.

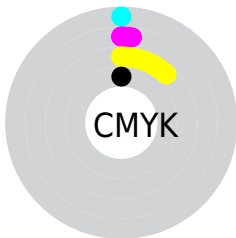
Distribution



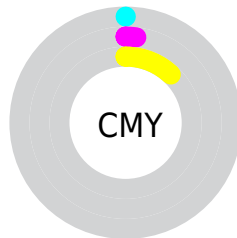
- Red (100%)
- Green (98%)
- Blue (88%)



- Red (91%)
- Yellow (100%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3932, 0.3317, 0.3535 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 94.3932, 0.3317, 0.3535 by changing the saturation by 10% instead.

 94.3932, 0.3317,
0.3535

 94.3932, 0.3317,
0.3535


542.2205, 0.3233,
0.3426

 71.6300, 0.3335,
0.3559

153.4260, 0.3289,
0.3498

 52.8565, 0.3357,
0.3588


190.4645, 0.3278,
0.3484

 37.6882, 0.3384,
0.3623


233.0301, 0.3268,
0.3471

 25.7408, 0.3419,
0.3669

281.5074, 0.3259,
0.3460

 16.6298, 0.3463,
0.3729

336.2807, 0.3252,
0.3450

 9.9709, 0.3524,
0.3810

397.7344, 0.3245,

 5.3797, 0.3611,

0.3441

0.3929

466.2529, 0.3239,
0.3433

■ 2.4717, 0.3745,
0.4115

■ 0.8624, 0.4572,
0.5131

■ 94.3932, 0.3317,
0.3535

■ 94.3932, 0.3317,
0.3535

■ 90.1053, 0.3485,
0.3744

■ 98.9712, 0.3160,
0.3333

■ 86.0937, 0.3660,
0.3954

100.0000, 0.3127,
0.3290

■ 82.3493, 0.3838,
0.4158

■ 78.8606, 0.4014,
0.4345

■ 75.6153, 0.4178,
0.4506

■ 72.5994, 0.4325,
0.4630

■ 69.7969, 0.4446,
0.4709

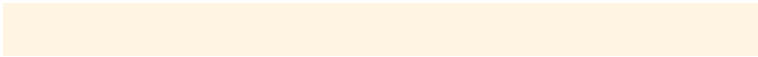
■ 67.1888, 0.4537,
0.4740

■ 65.2588, 0.4591,
0.4737

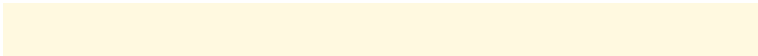
Harmonies

Analogous

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



94.3932, 0.3396, 0.3476



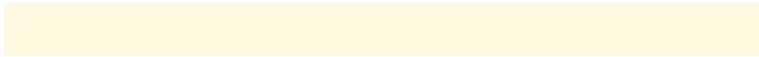
94.3932, 0.3317, 0.3535



94.3932, 0.3188, 0.3527

Triad

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



94.3932, 0.3317, 0.3535



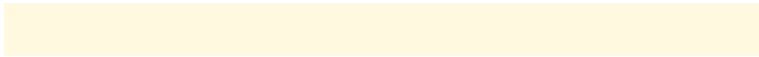
94.3932, 0.2860, 0.3201



94.3932, 0.3206, 0.3136

Complementary

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



94.3932, 0.3317, 0.3535



79.6471, 0.2935, 0.3033

Split Complementary

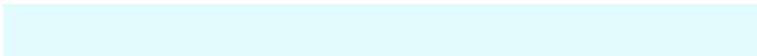
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3932, 0.3062, 0.3066



94.3932, 0.3317, 0.3535



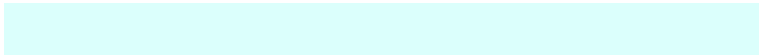
94.3932, 0.2865, 0.3099

Square

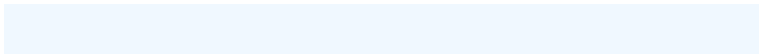
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.3932, 0.3317, 0.3535



94.3932, 0.2926, 0.3330



94.3932, 0.2938, 0.3051



94.3932, 0.3332, 0.3246

Rectangle

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



94.3932, 0.3317, 0.3535



94.3932, 0.3092, 0.3484



94.3932, 0.2938, 0.3051



94.3932, 0.3158, 0.3107

Sweetspot

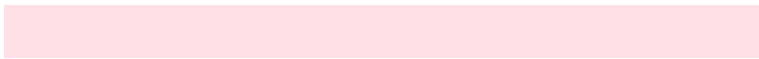
The Sweet Spot groups the original color and five complimentary colors.



94.3945, 0.3317, 0.3535



98.1086, 0.3188, 0.3369



80.2861, 0.3306, 0.3229



20.9243, 0.3199, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

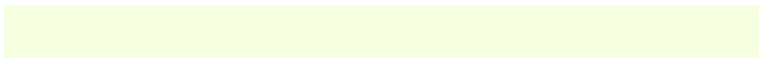
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.3945, 0.3317, 0.3535



93.1490, 0.3364, 0.3594



96.4386, 0.3249, 0.3597



20.4587, 0.3274, 0.3480



34.3111, 0.4583, 0.4743



3.4866, 0.4530, 0.4785

Inverse Universe

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



79.6471, 0.2935, 0.3033



75.3226, 0.2886, 0.2967



77.8946, 0.2995, 0.2975



17.9460, 0.2979, 0.3092



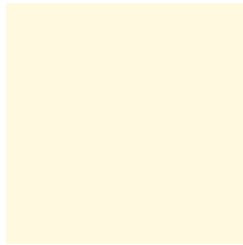
5.0941, 0.1551, 0.0783



0.6382, 0.1603, 0.0971

Previews

White Background



This preview shows how the Yxy color 94.3932, 0.3317, 0.3535 looks on a white background.

Color Contrast Check

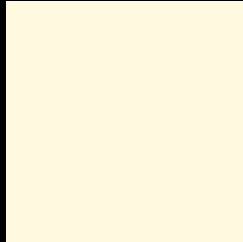
Large Text (above 18pt) WCAG AA × Fail

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 94.3932, 0.3317, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

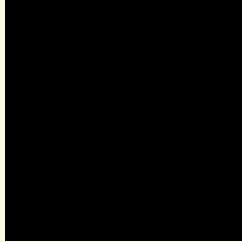
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.3932, 0.3317, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 94.3932, 0.3317, 0.3535.

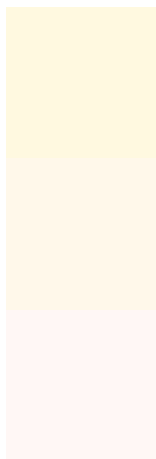


This preview shows how white text looks on a background with the Yxy color 94.3932, 0.3317, 0.3535.

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

94.3932, 0.3317, 0.3535

Protanopia

94.3353, 0.3257, 0.3426

Deuteranopia

94.3741, 0.3191, 0.3309

Tritanopia

94.2024, 0.3125, 0.3204

Trichromacy



Original Color

94.3932, 0.3317, 0.3535

Protanomaly

94.1080, 0.3281, 0.3466

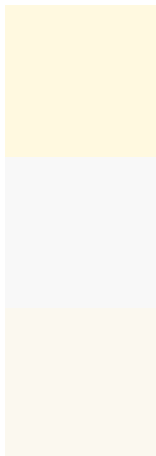
Deuteranomaly

94.5092, 0.3238, 0.3397

Tritanomaly

94.1240, 0.3190, 0.3319

Monochromacy



Original Color

94.3932, 0.3317, 0.3535

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.8760, 0.3200, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3932, 0.3317, 0.3535 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 224) }
```

Border

The CSS property to change the border of an element to Yxy 94.3932, 0.3317, 0.3535 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, 224) }
```

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

```
.border{ border-color:rgb(255, 249, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3932, 0.3317, 0.3535 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
249, 224) }
```

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