

Converting Colors

$Y_{xy}(100.0000, 0.3541, 0.3570)$

Have a look what the booklet for
Yxy(100.0000, 0.3541, 0.3570)
contains.

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Color

Yxy(94.1258, 0.3348, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9DB
RGB	255, 249, 219
RGB Percent	100%, 98%, 86%
CMY	0.0000, 0.0235, 0.1413
CMYK	0.00, 0.02, 0.14, 0.00
HSL	50°, 100%, 93%
HSV	50°, 14%, 100%
XYZ	87.9033, 94.1258, 80.5255
YIQ	247.3740, 13.2060, -8.0580

Conversions

Conversions Part 2

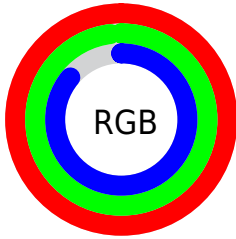
Format	Color
R _Y B	226, 255, 219
Decimal	16775643
CIE Lab	97.68, -2.87, 15.14
CIE LCh	98, 15.408, 100.719
Yxy	94.1258, 0.3348, 0.3585
Android (android.graphics.Color)	4294965723 (0xFFFFF9DB)
YUV	247.3740, -13.9884, 6.6880
Hunter-Lab	97.0185, -8.0529, 18.7021

Details

The Yxy color **94.1258, 0.3348, 0.3585** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76.1024, 0.2901, 0.2977**, and the grayscale version is **93.4374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8260, 0.3392, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **90.2907, 0.3515, 0.3801**, and if you desaturate by 10%, it is **98.2261, 0.3189, 0.3374**.

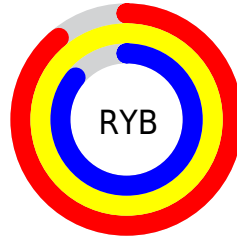
Distribution



Red (100%)

Green (98%)

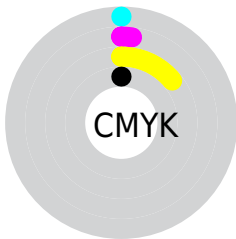
Blue (86%)



Red (89%)

Yellow (100%)

Blue (86%)

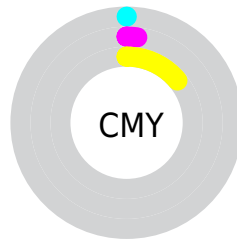


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (2%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1258, 0.3348, 0.3585 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 94.1258, 0.3348, 0.3585 by changing the saturation by 10% instead.

 94.1258, 0.3348,
0.3585

 94.1258, 0.3348,
0.3585

541.3625, 0.3251,
0.3454

 71.4076, 0.3369,
0.3614


153.0563, 0.3315,
0.3541

 52.6749, 0.3395,
0.3649


190.0374, 0.3302,
0.3523

 37.5433, 0.3426,
0.3692


232.5416, 0.3291,
0.3508

 25.6284, 0.3466,
0.3747

280.9532, 0.3281,
0.3494

 16.5459, 0.3517,
0.3819

335.6568, 0.3272,
0.3483

 9.9112, 0.3587,
0.3917

397.0366, 0.3264,

 5.3401, 0.3685,

0.3472

0.4060

465.4770, 0.3257,
0.3463

■ 2.4482, 0.3834,
0.4282

■ 0.8505, 0.4647,
0.5353

■ 94.1258, 0.3348,
0.3585

■ 94.1258, 0.3348,
0.3585

■ 90.2907, 0.3515,
0.3801

■ 98.2261, 0.3189,
0.3374

■ 86.7107, 0.3688,
0.4016

100.0000, 0.3127,
0.3290

■ 83.3756, 0.3861,
0.4222

■ 80.2739, 0.4027,
0.4410

■ 77.3932, 0.4181,
0.4568

■ 74.7195, 0.4313,
0.4687

■ 72.2366, 0.4418,
0.4761

■ 69.9247, 0.4494,
0.4788

■ 68.6315, 0.4528,
0.4787

Harmonies

Analogous

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



94.1258, 0.3447, 0.3516



94.1258, 0.3348, 0.3585



94.1258, 0.3191, 0.3573

Triad

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



94.1258, 0.3348, 0.3585



94.1258, 0.2807, 0.3175



94.1258, 0.3229, 0.3112

Complementary

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



94.1258, 0.3348, 0.3585



76.1024, 0.2901, 0.2977

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.



94.1258, 0.3056, 0.3025



94.1258, 0.3348, 0.3585



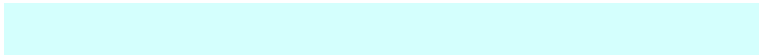
94.1258, 0.2816, 0.3057

Square

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



94.1258, 0.3348, 0.3585



94.1258, 0.2881, 0.3331



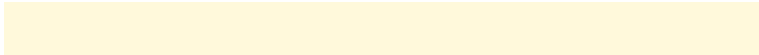
94.1258, 0.2906, 0.3004



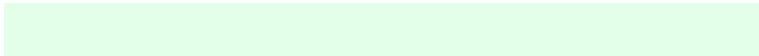
94.1258, 0.3378, 0.3244

Rectangle

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



94.1258, 0.3348, 0.3585



94.1258, 0.3076, 0.3518



94.1258, 0.2906, 0.3004



94.1258, 0.3172, 0.3077

Sweetspot

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



94.1259, 0.3348, 0.3585



98.2822, 0.3187, 0.3372



77.3378, 0.3348, 0.3230



20.9683, 0.3199, 0.3387



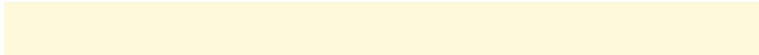
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



94.1259, 0.3348, 0.3585



92.9995, 0.3395, 0.3647



95.6849, 0.3262, 0.3650



20.5458, 0.3273, 0.3487



36.0519, 0.4522, 0.4792



3.6408, 0.4478, 0.4827

Inverse Universe

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



76.1024, 0.2901, 0.2977



71.7569, 0.2851, 0.2906



74.8480, 0.2979, 0.2921



17.8660, 0.2979, 0.3086



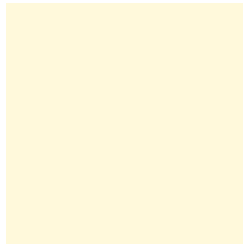
4.7962, 0.1540, 0.0743



0.5978, 0.1589, 0.0919

Previews

White Background



This preview shows how the Yxy color 94.1258, 0.3348, 0.3585 looks on a white background.

Color Contrast Check

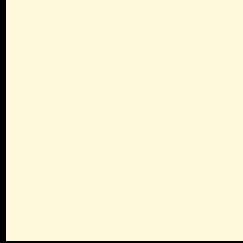
Large Text (above 18pt) WCAG AA × Fail

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 94.1258, 0.3348, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

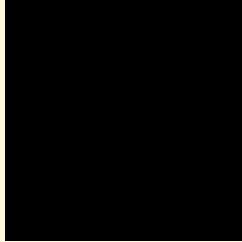
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.1258, 0.3348, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 94.1258, 0.3348, 0.3585.

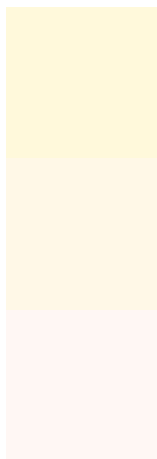


This preview shows how white text looks on a background with the Yxy color 94.1258, 0.3348, 0.3585.

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

94.1258, 0.3348, 0.3585

Protanopia

94.1643, 0.3275, 0.3456

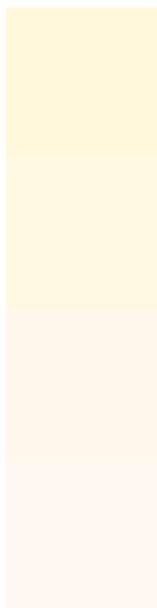
Deuteranopia

94.3132, 0.3197, 0.3319

Tritanopia

94.2024, 0.3125, 0.3204

Trichromacy



Original Color

94.1258, 0.3348, 0.3585

Protanomaly

93.9409, 0.3300, 0.3496

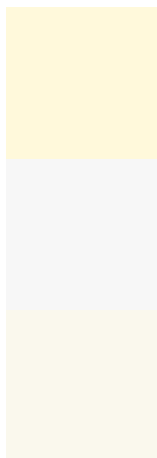
Deuteranomaly

94.3930, 0.3250, 0.3417

Tritanomaly

94.0032, 0.3202, 0.3339

Monochromacy



Original Color

94.1258, 0.3348, 0.3585

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.5732, 0.3206, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1258, 0.3348, 0.3585 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 219) }
```

Border

The CSS property to change the border of an element to Yxy 94.1258, 0.3348, 0.3585 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, 219) }
```

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

```
.border{ border-color:rgb(255, 249, 219) }
```

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, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1258, 0.3348, 0.3585 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
249, 219) }
```

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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