

Converting Colors

$Y_{xy}(100.0000, 0.3494, 0.3553)$

Have a look what the booklet for
Yxy(100.0000, 0.3494, 0.3553)
contains.

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Color

Yxy(94.9051, 0.3328, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	FFFADE
RGB	255, 250, 222
RGB Percent	100%, 98%, 87%
CMY	0.0000, 0.0196, 0.1294
CMYK	0.00, 0.02, 0.13, 0.00
HSL	51°, 100%, 94%
HSV	51°, 13%, 100%
XYZ	88.6207, 94.9051, 82.7624
YIQ	248.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

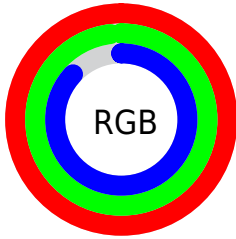
Format	Color
R _Y B	228, 255, 222
Decimal	16775902
CIE Lab	98.00, -2.89, 14.02
CIE LCh	98, 14.315, 101.658
Yxy	94.9051, 0.3328, 0.3564
Android (android.graphics.Color)	4294965982 (0xFFFFFADE)
YUV	248.3030, -12.9674, 5.8733
Hunter-Lab	97.4192, -8.1052, 17.8238

Details

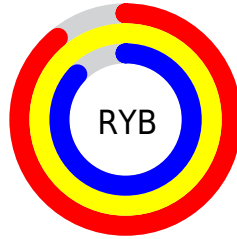
The Yxy color **94.9051, 0.3328, 0.3564** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.6993, 0.2921, 0.3000**, and the grayscale version is **94.2288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3794, 0.3367, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **91.2572, 0.3493, 0.3783**, and if you desaturate by 10%, it is **98.8044, 0.3171, 0.3351**.

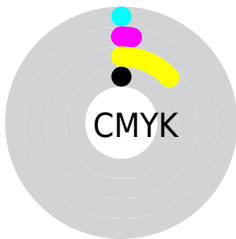
Distribution



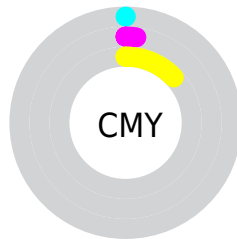
- Red (100%)
- Green (98%)
- Blue (87%)



- Red (89%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9051, 0.3328, 0.3564 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 94.9051, 0.3328, 0.3564 by changing the saturation by 10% instead.


 94.9051, 0.3328,
0.3564

 94.9051, 0.3328,
0.3564

543.8611, 0.3240,
0.3442

 72.0560, 0.3347,
0.3591

154.1335, 0.3298,
0.3523

 53.2044, 0.3370,
0.3623


191.2816, 0.3286,
0.3507

 37.9660, 0.3399,
0.3663


233.9647, 0.3276,
0.3492

 25.9563, 0.3435,
0.3714

282.5674, 0.3267,
0.3480

 16.7909, 0.3481,
0.3780

337.4740, 0.3259,
0.3469

 10.0855, 0.3545,
0.3872

399.0689, 0.3252,

 5.4557, 0.3634,

0.3459

0.4004

467.7365, 0.3246,
0.3450

■ 2.5170, 0.3770,
0.4211

■ 0.8852, 0.4654,
0.5346

■ 94.9051, 0.3328,
0.3564

■ 94.9051, 0.3328,
0.3564

■ 91.2572, 0.3493,
0.3783

■ 98.8044, 0.3171,
0.3351

■ 87.8582, 0.3663,
0.4002

100.0000, 0.3127,
0.3290

■ 84.6956, 0.3834,
0.4213

■ 81.7582, 0.3998,
0.4405

■ 79.0337, 0.4149,
0.4569

■ 76.5085, 0.4279,
0.4695

■ 74.1668, 0.4382,
0.4776

■ 71.9895, 0.4457,
0.4811

■ 70.5311, 0.4495,
0.4813

Harmonies

Analogous

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



94.9051, 0.3421, 0.3502



94.9051, 0.3328, 0.3564



94.9051, 0.3182, 0.3550

Triad

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



94.9051, 0.3328, 0.3564



94.9051, 0.2830, 0.3180



94.9051, 0.3227, 0.3128

Complementary

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



94.9051, 0.3328, 0.3564



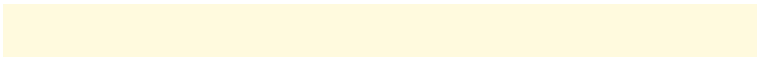
77.6993, 0.2921, 0.3000

Split Complementary

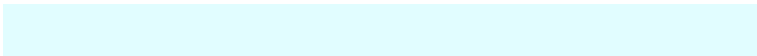
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9051, 0.3066, 0.3046



94.9051, 0.3328, 0.3564



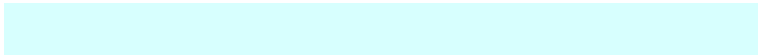
94.9051, 0.2840, 0.3072

Square

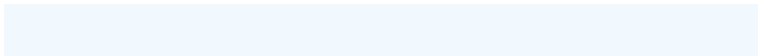
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.9051, 0.3328, 0.3564



94.9051, 0.2896, 0.3323



94.9051, 0.2926, 0.3025



94.9051, 0.3362, 0.3251

Rectangle

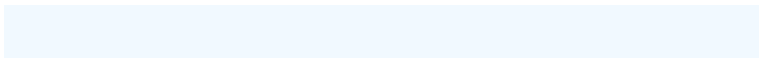
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.9051, 0.3328, 0.3564



94.9051, 0.3075, 0.3498



94.9051, 0.2926, 0.3025



94.9051, 0.3174, 0.3095

Sweetspot

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



94.9027, 0.3328, 0.3564



98.3769, 0.3187, 0.3373



79.0835, 0.3326, 0.3236



20.9924, 0.3199, 0.3389



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.



94.9027, 0.3328, 0.3564



93.7591, 0.3378, 0.3631



96.0284, 0.3250, 0.3618



20.5934, 0.3273, 0.3490



37.0316, 0.4489, 0.4817



3.7272, 0.4450, 0.4849

Inverse Universe

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



77.6993, 0.2921, 0.3000



72.9378, 0.2868, 0.2925



76.7942, 0.2993, 0.2955



17.8225, 0.2979, 0.3082



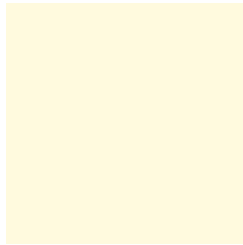
4.6522, 0.1534, 0.0723



0.5773, 0.1581, 0.0892

Previews

White Background



This preview shows how the Yxy color 94.9051, 0.3328, 0.3564 looks on a white background.

Color Contrast Check

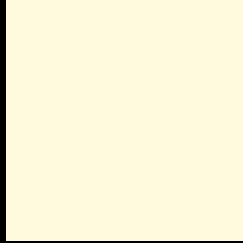
Large Text (above 18pt) WCAG AA × Fail

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 94.9051, 0.3328, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

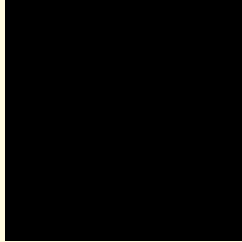
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.9051, 0.3328, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 94.9051, 0.3328, 0.3564.

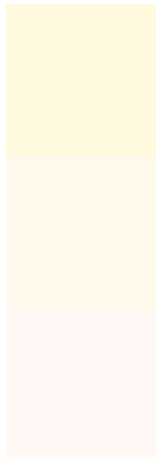


This preview shows how white text looks on a background with the Yxy color 94.9051, 0.3328, 0.3564.

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

94.9051, 0.3328, 0.3564

Protanopia

95.0095, 0.3250, 0.3426

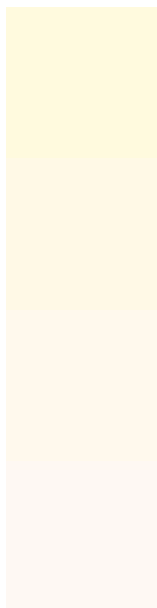
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

94.8124, 0.3124, 0.3213

Trichromacy



Original Color

94.9051, 0.3328, 0.3564

Protanomaly

94.7245, 0.3280, 0.3475

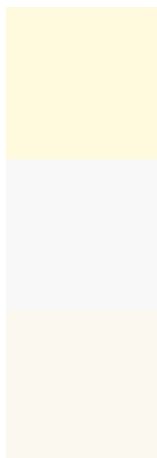
Deuteranomaly

95.1258, 0.3237, 0.3407

Tritanomaly

94.6767, 0.3195, 0.3339

Monochromacy



Original Color

94.9051, 0.3328, 0.3564

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.4926, 0.3199, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9051, 0.3328, 0.3564 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, 250, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 222)  
}
```

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, 250, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 222) }
```

Border

The CSS property to change the border of an element to Yxy 94.9051, 0.3328, 0.3564 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, 250, 222) }
```

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

```
.border{ border-color:rgb(255, 250, 222) }
```

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

Here you see how a box with a 4 pixel rgb(255, 250, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9051, 0.3328, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 222) }
```

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

```
.background{ background-color: rgb(255,  
250, 222) }
```

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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