

Converting Colors

$Y_{xy}(95.3099, 0.3308, 0.3577)$

Have a look what the booklet for
Yxy(95.3099, 0.3308, 0.3577)
contains.

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Color

Yxy(94.9637, 0.3307, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	FCFBDE
RGB	252, 251, 222
RGB Percent	99%, 98%, 87%
CMY	0.0115, 0.0157, 0.1293
CMYK	0.00, 0.00, 0.12, 0.01
HSL	58°, 84%, 93%
HSV	58°, 12%, 99%
XYZ	87.8447, 94.9637, 82.8243
YIQ	247.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

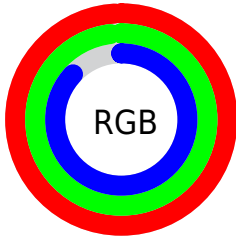
Format	Color
R _Y B	223, 252, 222
Decimal	16579550
CIE Lab	98.02, -4.42, 14.01
CIE LCh	98, 14.696, 107.518
Yxy	94.9637, 0.3307, 0.3575
Android (android.graphics.Color)	4294769630 (0xFFFCFBDE)
YUV	247.9930, -12.8145, 3.5141
Hunter-Lab	97.4493, -9.6292, 17.8227

Details

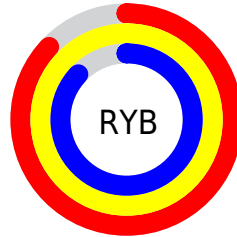
The Yxy color **94.9637, 0.3307, 0.3575** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.3929, 0.2938, 0.2988**, and the grayscale version is **93.9740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.4223, 0.3340, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **93.1554, 0.3463, 0.3820**, and if you desaturate by 10%, it is **96.9850, 0.3155, 0.3335**.

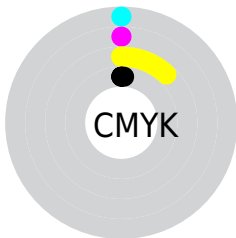
Distribution



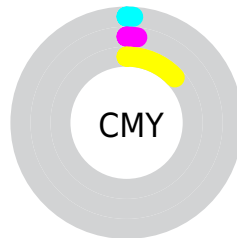
- Red (99%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)




- Cyan (1%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.9637, 0.3307, 0.3575 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 94.9637, 0.3307, 0.3575 by changing the saturation by 10% instead.


 94.9637, 0.3307,
0.3575

 94.9637, 0.3307,
0.3575

544.0488, 0.3228,
0.3448

 72.1048, 0.3324,
0.3603


154.2145, 0.3280,
0.3532

 53.2443, 0.3345,
0.3637


191.3751, 0.3270,
0.3515

 37.9978, 0.3370,
0.3679


234.0717, 0.3261,
0.3500

 25.9810, 0.3402,
0.3732

282.6887, 0.3253,
0.3487

 16.8094, 0.3443,
0.3802

337.6105, 0.3246,
0.3476

 10.0987, 0.3498,
0.3899

399.2216, 0.3239,

 5.4644, 0.3577,

0.3466

0.4039

467.9062, 0.3233,
0.3456

■ 2.5223, 0.3694,
0.4261

■ 0.8877, 0.4532,
0.5468

■ 94.9637, 0.3307,
0.3575

■ 94.9637, 0.3307,
0.3575

■ 93.1554, 0.3463,
0.3820

■ 96.9850, 0.3155,
0.3335

■ 91.5388, 0.3619,
0.4064

■ 98.0407, 0.3110,
0.3269

■ 90.1083, 0.3769,
0.4296

■ 98.6088, 0.3109,
0.3277

■ 88.8535, 0.3907,
0.4508

■ 99.1796, 0.3109,
0.3286

■ 87.7631, 0.4027, 99.4462, 0.3109,
0.4689 0.3290

■ 86.8240, 0.4124,
0.4831

■ 86.0216, 0.4195,
0.4929

■ 85.3379, 0.4239,
0.4983

■ 84.8501, 0.4258,
0.5001

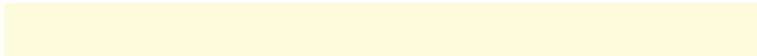
Harmonies

Analogous

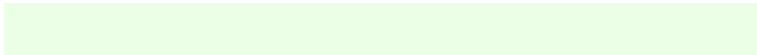
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9637, 0.3416, 0.3526



94.9637, 0.3307, 0.3575



94.9637, 0.3151, 0.3545

Triad

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



94.9637, 0.3307, 0.3575



94.9637, 0.2818, 0.3152



94.9637, 0.3260, 0.3146

Complementary

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



94.9637, 0.3307, 0.3575



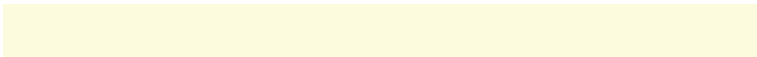
75.3929, 0.2938, 0.2988

Split Complementary

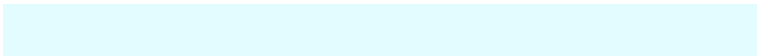
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9637, 0.3097, 0.3052



94.9637, 0.3307, 0.3575



94.9637, 0.2844, 0.3051

Square

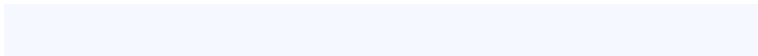
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



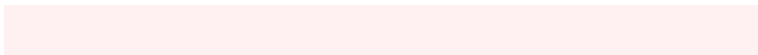
94.9637, 0.3307, 0.3575



94.9637, 0.2871, 0.3294



94.9637, 0.2945, 0.3017



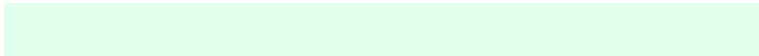
94.9637, 0.3389, 0.3278

Rectangle

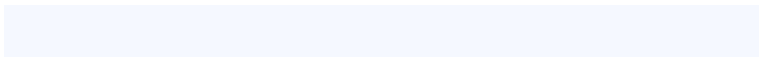
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.9637, 0.3307, 0.3575



94.9637, 0.3043, 0.3482



94.9637, 0.2945, 0.3017



94.9637, 0.3207, 0.3109

Sweetspot

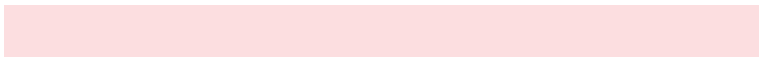
The Sweet Spot groups the original color and five complimentary colors.



94.9679, 0.3307, 0.3575



99.1286, 0.3187, 0.3384



78.3190, 0.3333, 0.3275



21.1833, 0.3198, 0.3402



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

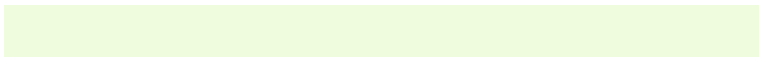
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9679, 0.3307, 0.3575



97.1009, 0.3339, 0.3626



93.2038, 0.3218, 0.3593



20.0783, 0.3270, 0.3516



44.2251, 0.4257, 0.5002



4.1282, 0.4248, 0.5009

Inverse Universe

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



75.3929, 0.2938, 0.2988



73.8142, 0.2902, 0.2930



77.0428, 0.3028, 0.2985



16.7421, 0.2979, 0.3053



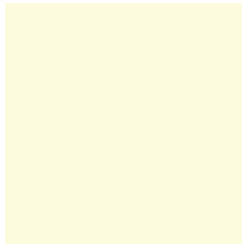
3.8072, 0.1506, 0.0622



0.3864, 0.1521, 0.0674

Previews

White Background



This preview shows how the Yxy color 94.9637, 0.3307, 0.3575 looks on a white background.

Color Contrast Check

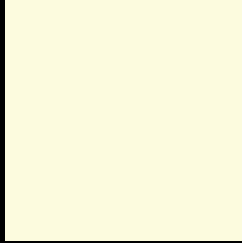
Large Text (above 18pt) WCAG AA × Fail

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 94.9637, 0.3307, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

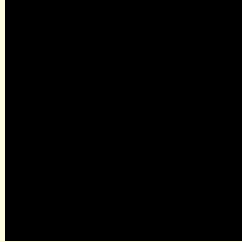
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.9637, 0.3307, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 94.9637, 0.3307, 0.3575.

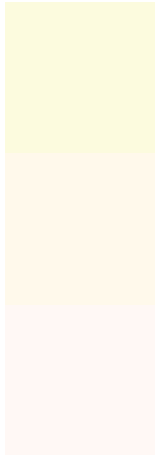


This preview shows how white text looks on a background with the Yxy color 94.9637, 0.3307, 0.3575.

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

94.9637, 0.3307, 0.3575

Protanopia

95.0095, 0.3250, 0.3426

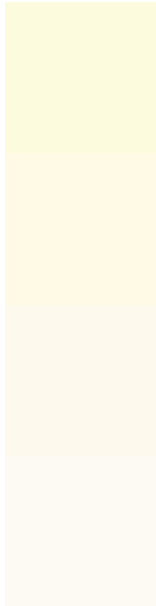
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

95.2374, 0.3118, 0.3223

Trichromacy



Original Color

94.9637, 0.3307, 0.3575

Protanomaly

95.1552, 0.3272, 0.3485

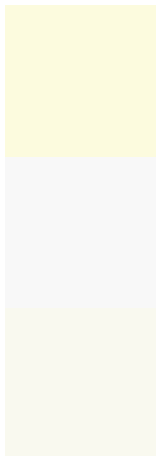
Deuteranomaly

94.9366, 0.3231, 0.3407

Tritanomaly

95.1051, 0.3188, 0.3348

Monochromacy



Original Color

94.9637, 0.3307, 0.3575

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.1231, 0.3186, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9637, 0.3307, 0.3575 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(252, 251, 222)` looks like.

```
.text, #text, p{  
    color:rgb(252, 251, 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(252, 251, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 251, 222) }
```

Border

The CSS property to change the border of an element to Yxy 94.9637, 0.3307, 0.3575 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(252, 251, 222) }
```

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

```
.border{ border-color:rgb(252, 251, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 251, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 251, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 251, 222);  
box-shadow:4px 4px 4px 4px rgb(252, 251,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9637, 0.3307, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 251, 222) }
```

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

```
.background{ background-color: rgb(252,  
251, 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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