

Converting Colors

$Y_{xy}(102.7210, 0.3586, 0.3546)$

Have a look what the booklet for
Yxy(102.7210, 0.3586, 0.3546)
contains.

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Color

Yxy(94.8517, 0.3334, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	FFFADD
RGB	255, 250, 221
RGB Percent	100%, 98%, 87%
CMY	0.0000, 0.0196, 0.1333
CMYK	0.00, 0.02, 0.13, 0.00
HSL	51°, 100%, 93%
HSV	51°, 13%, 100%
XYZ	88.4823, 94.8517, 82.0597
YIQ	248.1890, 12.2890, -7.9590

Conversions

Conversions Part 2

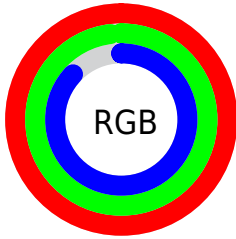
Format	Color
R _Y B	227, 255, 221
Decimal	16775901
CIE Lab	97.97, -3.05, 14.50
CIE LCh	98, 14.819, 101.897
Yxy	94.8517, 0.3334, 0.3574
Android (android.graphics.Color)	4294965981 (0xFFFFFADD)
YUV	248.1890, -13.4042, 5.9732
Hunter-Lab	97.3918, -8.2652, 18.2181

Details

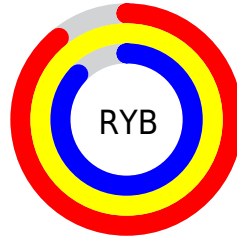
The Yxy color **94.8517, 0.3334, 0.3574** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76.9944, 0.2915, 0.2989**, and the grayscale version is **94.1369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3425, 0.3375, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **91.2868, 0.3499, 0.3794**, and if you desaturate by 10%, it is **98.6715, 0.3177, 0.3359**.

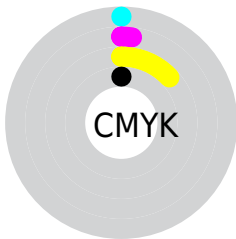
Distribution



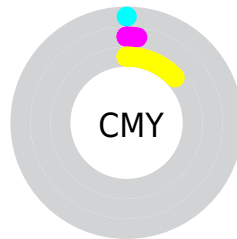
- Red (100%)
- Green (98%)
- Blue (87%)



- 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 94.8517, 0.3334, 0.3574 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 94.8517, 0.3334, 0.3574 by changing the saturation by 10% instead.


 94.8517, 0.3334,
0.3574

 94.8517, 0.3334,
0.3574


543.6901, 0.3243,
0.3448

 72.0116, 0.3354,
0.3602

154.0597, 0.3303,
0.3531

 53.1681, 0.3377,
0.3635


191.1964, 0.3291,
0.3514

 37.9370, 0.3407,
0.3677

233.8673, 0.3281,
0.3500

 25.9338, 0.3444,
0.3729

282.4569, 0.3271,
0.3487

 16.7741, 0.3492,
0.3799

337.3496, 0.3263,
0.3475

 10.0736, 0.3557,
0.3893

398.9298, 0.3256,

 5.4478, 0.3648,

0.3465

0.4030

467.5818, 0.3249,
0.3456

■ 2.5123, 0.3787,
0.4244

■ 0.8828, 0.4641,
0.5359

■ 94.8517, 0.3334,
0.3574

■ 94.8517, 0.3334,
0.3574

■ 91.2868, 0.3499,
0.3794

■ 98.6715, 0.3177,
0.3359

■ 87.9642, 0.3669,
0.4014

100.0000, 0.3127,
0.3290

■ 84.8745, 0.3838,
0.4225

■ 82.0067, 0.4001,
0.4417

■ 79.3486, 0.4149,
0.4580

■ 76.8863, 0.4277,
0.4705

■ 74.6041, 0.4378,
0.4785

■ 72.4826, 0.4450,
0.4819

■ 71.1382, 0.4485,
0.4821

Harmonies

Analogous

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



94.8517, 0.3431, 0.3511



94.8517, 0.3334, 0.3574



94.8517, 0.3182, 0.3559

Triad

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



94.8517, 0.3334, 0.3574



94.8517, 0.2819, 0.3175



94.8517, 0.3231, 0.3123

Complementary

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



94.8517, 0.3334, 0.3574



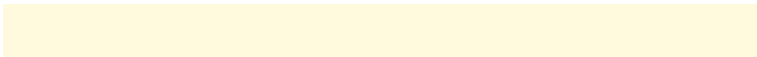
76.9944, 0.2915, 0.2989

Split Complementary

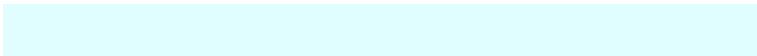
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8517, 0.3065, 0.3038



94.8517, 0.3334, 0.3574



94.8517, 0.2831, 0.3064

Square

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



94.8517, 0.3334, 0.3574



94.8517, 0.2887, 0.3323



94.8517, 0.2920, 0.3015



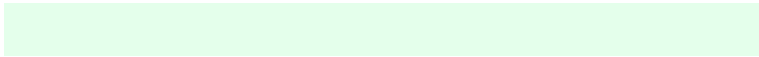
94.8517, 0.3372, 0.3251

Rectangle

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



94.8517, 0.3334, 0.3574



94.8517, 0.3072, 0.3505



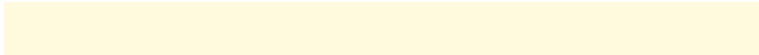
94.8517, 0.2920, 0.3015



94.8517, 0.3177, 0.3089

Sweetspot

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



94.8528, 0.3334, 0.3574



98.4068, 0.3187, 0.3374



78.4774, 0.3337, 0.3240



21.0000, 0.3199, 0.3389



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

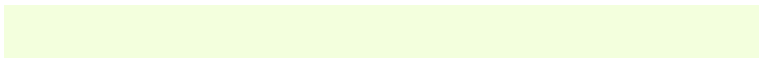
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.8528, 0.3334, 0.3574



93.8755, 0.3377, 0.3633



95.8146, 0.3250, 0.3629



20.6084, 0.3273, 0.3491



37.3447, 0.4479, 0.4825



3.7547, 0.4442, 0.4855

Inverse Universe

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



76.9944, 0.2915, 0.2989



72.8386, 0.2868, 0.2923



76.2486, 0.2992, 0.2944



17.8088, 0.2979, 0.3081



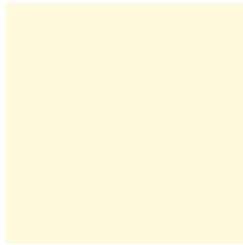
4.6094, 0.1533, 0.0717



0.5709, 0.1579, 0.0884

Previews

White Background



This preview shows how the Yxy color 94.8517, 0.3334, 0.3574 looks on a white background.

Color Contrast Check

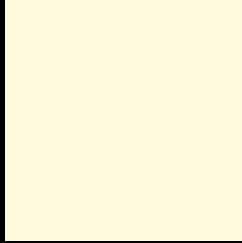
Large Text (above 18pt) WCAG AA × Fail

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 94.8517, 0.3334, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

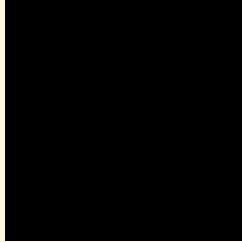
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.8517, 0.3334, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 94.8517, 0.3334, 0.3574.

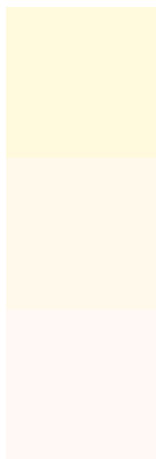


This preview shows how white text looks on a background with the Yxy color 94.8517, 0.3334, 0.3574.

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

94.8517, 0.3334, 0.3574

Protanopia

95.0095, 0.3250, 0.3426

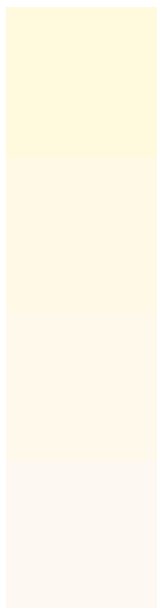
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

94.8124, 0.3124, 0.3213

Trichromacy



Original Color

94.8517, 0.3334, 0.3574

Protanomaly

94.7245, 0.3280, 0.3475

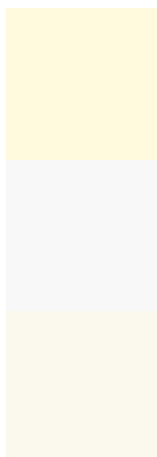
Deuteranomaly

95.0675, 0.3243, 0.3416

Tritanomaly

94.6767, 0.3195, 0.3339

Monochromacy



Original Color

94.8517, 0.3334, 0.3574

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.4336, 0.3205, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8517, 0.3334, 0.3574 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 221) }
```

Border

The CSS property to change the border of an element to Yxy 94.8517, 0.3334, 0.3574 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, 221) }
```

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

```
.border{ border-color:rgb(255, 250, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8517, 0.3334, 0.3574 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
250, 221) }
```

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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