

Converting Colors

$Yxy(94.9705, 0.3390, 0.3677)$

Have a look what the booklet for
Yxy(94.9705, 0.3390, 0.3677)
contains.

Yxy(95.0078, 0.3388, 0.3673)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(95.0078, 0.3388, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBD4
RGB	255, 251, 212
RGB Percent	100%, 98%, 83%
CMY	0.0000, 0.0157, 0.1685
CMYK	0.00, 0.02, 0.17, 0.00
HSL	54°, 100%, 92%
HSV	54°, 17%, 100%
XYZ	87.6358, 95.0078, 76.0218
YIQ	247.7500, 14.9030, -11.2810

Conversions

Conversions Part 2

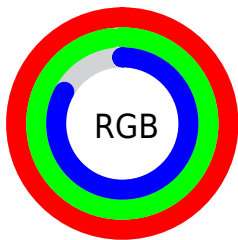
Format	Color
R _Y B	216, 255, 212
Decimal	16776148
CIE Lab	98.04, -4.89, 19.19
CIE LCh	98, 19.799, 104.287
Yxy	95.0078, 0.3388, 0.3673
Android (android.graphics.Color)	4294966228 (0xFFFFFBD4)
YUV	247.7500, -17.6247, 6.3582
Hunter-Lab	97.4719, -10.0887, 21.9880

Details

The Yxy color **95.0078, 0.3388, 0.3673** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.3500, 0.2852, 0.2876**, and the grayscale version is **93.7886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.4703, 0.3443, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **92.3387, 0.3550, 0.3906**, and if you desaturate by 10%, it is **97.8892, 0.3230, 0.3443**.

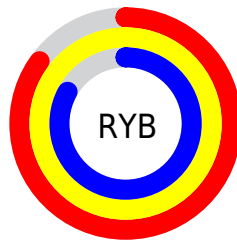
Distribution



Red (100%)

Green (98%)

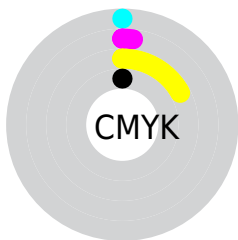
Blue (83%)



Red (85%)

Yellow (100%)

Blue (83%)

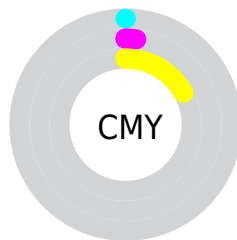


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0078, 0.3388, 0.3673 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 95.0078, 0.3388, 0.3673 by changing the saturation by 10% instead.

 95.0078, 0.3388,
0.3673

 95.0078, 0.3388,
0.3673

544.1899, 0.3274,
0.3503

 72.1415, 0.3412,
0.3710

154.2754, 0.3350,
0.3615

 53.2742, 0.3442,
0.3756


191.4454, 0.3334,
0.3592

 38.0217, 0.3478,
0.3812


234.1521, 0.3321,
0.3573

 25.9996, 0.3524,
0.3883

282.7800, 0.3309,
0.3555

 16.8233, 0.3582,
0.3976

337.7132, 0.3299,
0.3540

 10.1086, 0.3660,
0.4103

399.3364, 0.3290,

 5.4710, 0.3767,

0.3526

0.4286

468.0339, 0.3282,
0.3514

■ 2.5262, 0.3924,
0.4570

■ 0.8897, 0.4495,
0.5505

■ 95.0078, 0.3388,
0.3673

■ 95.0078, 0.3388,
0.3673

■ 92.3387, 0.3550,
0.3906

■ 97.8892, 0.3230,
0.3443

■ 89.8868, 0.3712,
0.4134

100.0000, 0.3127,
0.3290

■ 87.6369, 0.3869,
0.4349

■ 85.5776, 0.4013,
0.4539

■ 83.6966, 0.4139,
0.4696

■ 81.9796, 0.4240,
0.4812

■ 80.4099, 0.4313,
0.4882

■ 78.9665, 0.4359,
0.4909

■ 78.5284, 0.4370,
0.4912

Harmonies

Analogous

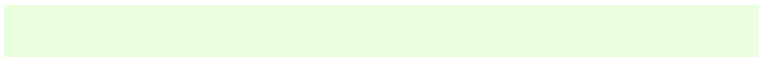
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0078, 0.3527, 0.3592



95.0078, 0.3388, 0.3673



95.0078, 0.3182, 0.3646

Triad

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



95.0078, 0.3388, 0.3673



95.0078, 0.2716, 0.3120



95.0078, 0.3282, 0.3081

Complementary

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



95.0078, 0.3388, 0.3673



70.3500, 0.2852, 0.2876

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.



95.0078, 0.3061, 0.2963



95.0078, 0.3388, 0.3673



95.0078, 0.2740, 0.2979

Square

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



95.0078, 0.3388, 0.3673



95.0078, 0.2797, 0.3316



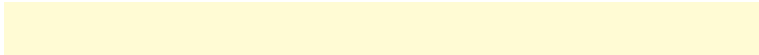
95.0078, 0.2864, 0.2925



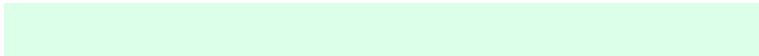
95.0078, 0.3466, 0.3251

Rectangle

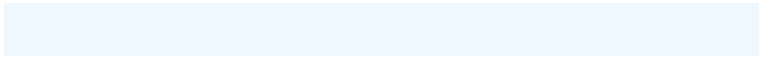
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.0078, 0.3388, 0.3673



95.0078, 0.3035, 0.3568



95.0078, 0.2864, 0.2925



95.0078, 0.3210, 0.3034

Sweetspot

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



95.0030, 0.3388, 0.3673



98.4492, 0.3202, 0.3401



73.3339, 0.3420, 0.3247



21.0265, 0.3213, 0.3417



0.0000, 0.0000, 0.0000



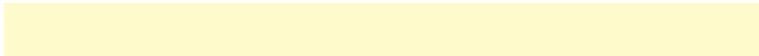
21.4041, 0.3127, 0.3290

Same Dimension

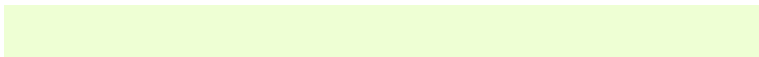
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0030, 0.3388, 0.3673



94.1411, 0.3438, 0.3746



94.4190, 0.3269, 0.3726



20.7838, 0.3271, 0.3503



41.1519, 0.4367, 0.4914



4.0878, 0.4345, 0.4932

Inverse Universe

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



70.3500, 0.2852, 0.2876



65.5398, 0.2795, 0.2789



71.0127, 0.2966, 0.2847



17.6501, 0.2979, 0.3067



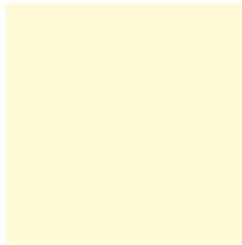
4.2002, 0.1517, 0.0661



0.4964, 0.1551, 0.0783

Previews

White Background



This preview shows how the Yxy color 95.0078, 0.3388, 0.3673 looks on a white background.

Color Contrast Check

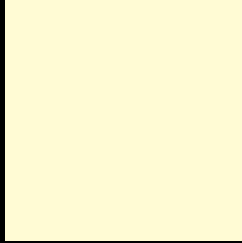
Large Text (above 18pt) WCAG AA × Fail

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 95.0078, 0.3388, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

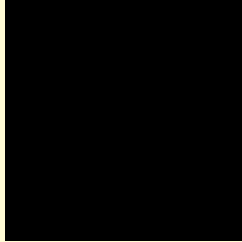
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.0078, 0.3388, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 95.0078, 0.3388, 0.3673.

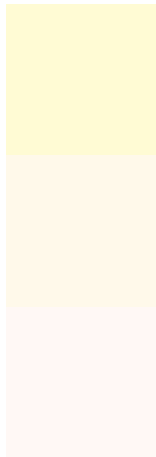


This preview shows how white text looks on a background with the Yxy color 95.0078, 0.3388, 0.3673.

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

95.0078, 0.3388, 0.3673

Protanopia

94.9519, 0.3256, 0.3436

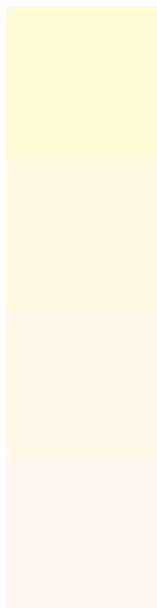
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

95.0015, 0.3131, 0.3214

Trichromacy



Original Color

95.0078, 0.3388, 0.3673

Protanomaly

95.1222, 0.3303, 0.3525

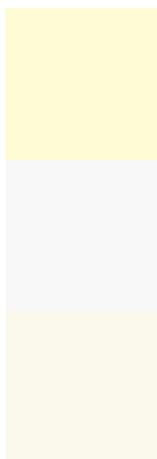
Deuteranomaly

94.8946, 0.3262, 0.3446

Tritanomaly

94.6268, 0.3226, 0.3377

Monochromacy



Original Color

95.0078, 0.3388, 0.3673

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.2588, 0.3223, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0078, 0.3388, 0.3673 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, 251, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 212)  
}
```

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, 251, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 212) }
```

Border

The CSS property to change the border of an element to Yxy 95.0078, 0.3388, 0.3673 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, 251, 212) }
```

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

```
.border{ border-color:rgb(255, 251, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0078, 0.3388, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 212) }
```

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

```
.background{ background-color: rgb(255,  
251, 212) }
```

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