

Converting Colors

$Y_{xy}(94.7830, 0.3470, 0.3816)$

Have a look what the booklet for
Yxy(94.7830, 0.3470, 0.3816)
contains.

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Color

Yxy(94.9580, 0.3472, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCC6
RGB	255, 252, 198
RGB Percent	100%, 99%, 78%
CMY	0.0000, 0.0117, 0.2237
CMYK	0.00, 0.01, 0.22, 0.00
HSL	57°, 100%, 89%
HSV	57°, 22%, 100%
XYZ	86.2396, 94.9580, 67.1884
YIQ	246.7410, 19.1220, -16.1580

Conversions

Conversions Part 2

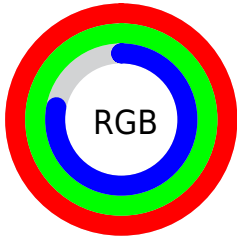
Format	Color
R _Y B	201, 255, 198
Decimal	16776390
CIE Lab	98.02, -7.40, 26.31
CIE LCh	98, 27.330, 105.706
Yxy	94.9580, 0.3472, 0.3823
Android (android.graphics.Color)	4294966470 (0xFFFFFCC6)
YUV	246.7410, -24.0293, 7.2431
Hunter-Lab	97.4464, -12.5594, 27.3325

Details

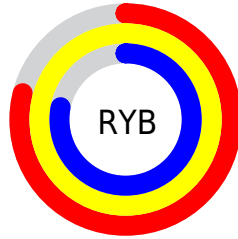
The Yxy color **94.9580, 0.3472, 0.3823** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.9741, 0.2749, 0.2695**, and the grayscale version is **92.9782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.4992, 0.3541, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **93.0466, 0.3630, 0.4063**, and if you desaturate by 10%, it is **97.0819, 0.3315, 0.3581**.

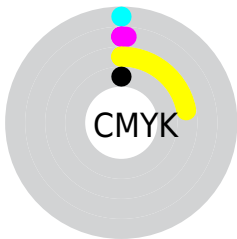
Distribution



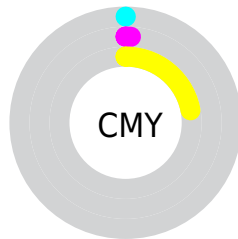
- Red (100%)
- Green (99%)
- Blue (78%)



- Red (79%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.9580, 0.3472, 0.3823 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 94.9580, 0.3472, 0.3823 by changing the saturation by 10% instead.


 94.9580, 0.3472,
0.3823

 94.9580, 0.3472,
0.3823

544.0305, 0.3323,
0.3585

 72.1000, 0.3504,
0.3875

154.2066, 0.3422,
0.3742

 53.2404, 0.3542,
0.3938

191.3660, 0.3402,
0.3711

 37.9947, 0.3588,
0.4016

234.0613, 0.3385,
0.3683

 25.9786, 0.3645,
0.4114

282.6769, 0.3369,
0.3659

 16.8076, 0.3717,
0.4242

337.5973, 0.3356,
0.3637

 10.0974, 0.3809,
0.4415

399.2067, 0.3344,

 5.4636, 0.3929,

0.3618

0.4657

467.8897, 0.3333,
0.3601

■ 2.5218, 0.4183,
0.5140

■ 0.8875, 0.4276,
0.5724

■ 94.9580, 0.3472,
0.3823

■ 94.9580, 0.3472,
0.3823

■ 93.0466, 0.3630,
0.4063

■ 97.0819, 0.3315,
0.3581

■ 91.3250, 0.3782,
0.4292

■ 99.4147, 0.3162,
0.3345

■ 89.7867, 0.3924,
0.4500

99.9997, 0.3127,
0.3290

■ 88.4199, 0.4048,
0.4678

■ 87.2111, 0.4148,
0.4816

■ 86.1450, 0.4222,
0.4911

■ 85.2031, 0.4269,
0.4961

■ 84.5466, 0.4290,
0.4976

Harmonies

Analogous

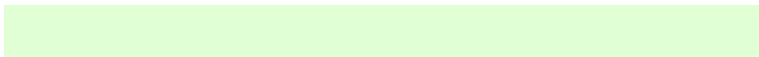
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9580, 0.3673, 0.3710



94.9580, 0.3472, 0.3823



94.9580, 0.3184, 0.3784

Triad

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



94.9580, 0.3472, 0.3823



94.9580, 0.2564, 0.3038



94.9580, 0.3354, 0.3014

Complementary

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



94.9580, 0.3472, 0.3823



60.9741, 0.2749, 0.2695

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.



94.9580, 0.3048, 0.2852



94.9580, 0.3472, 0.3823



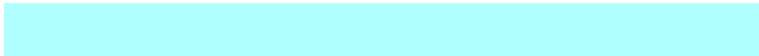
94.9580, 0.2603, 0.2855

Square

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



94.9580, 0.3472, 0.3823



94.9580, 0.2666, 0.3309



94.9580, 0.2776, 0.2792



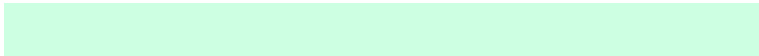
94.9580, 0.3606, 0.3245

Rectangle

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



94.9580, 0.3472, 0.3823



94.9580, 0.2983, 0.3669



94.9580, 0.2776, 0.2792



94.9580, 0.3253, 0.2951

Sweetspot

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



94.9622, 0.3472, 0.3823



98.3078, 0.3232, 0.3453



65.8863, 0.3557, 0.3252



21.0118, 0.3241, 0.3468



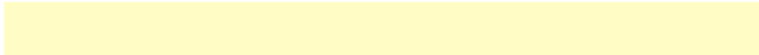
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

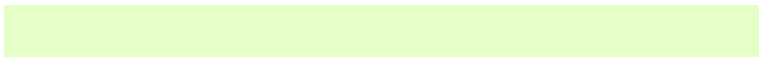
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9622, 0.3472, 0.3823



94.0509, 0.3545, 0.3935



92.4649, 0.3302, 0.3881



20.9179, 0.3270, 0.3513



44.2490, 0.4288, 0.4977



4.3564, 0.4276, 0.4987

Inverse Universe

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



60.9741, 0.2749, 0.2695



54.4002, 0.2659, 0.2551



63.2305, 0.2918, 0.2691



17.5304, 0.2978, 0.3057



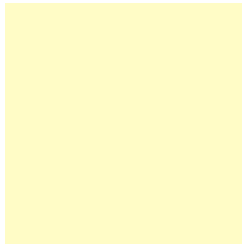
3.9902, 0.1509, 0.0631



0.4399, 0.1529, 0.0705

Previews

White Background



This preview shows how the Yxy color 94.9580, 0.3472, 0.3823 looks on a white background.

Color Contrast Check

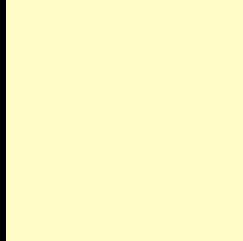
Large Text (above 18pt) WCAG AA × Fail

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 94.9580, 0.3472, 0.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

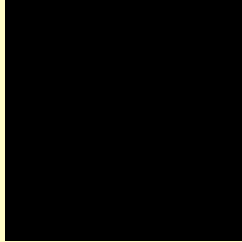
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.9580, 0.3472, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 94.9580, 0.3472, 0.3823.

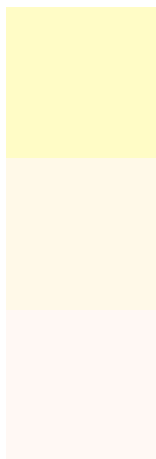


This preview shows how white text looks on a background with the Yxy color 94.9580, 0.3472, 0.3823.

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

94.9580, 0.3472, 0.3823

Protanopia

94.8376, 0.3268, 0.3456

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

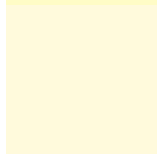
95.0015, 0.3131, 0.3214

Trichromacy



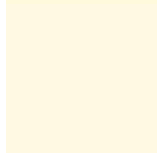
Original Color

94.9580, 0.3472, 0.3823



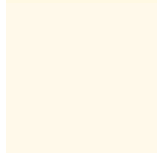
Protanomaly

94.7985, 0.3340, 0.3584



Deuteranomaly

94.5574, 0.3298, 0.3505



Tritanomaly

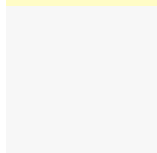
94.9519, 0.3256, 0.3436

Monochromacy



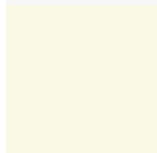
Original Color

94.9580, 0.3472, 0.3823



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.7325, 0.3253, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9580, 0.3472, 0.3823 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, 252, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 198)  
}
```

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, 252, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 198) }
```

Border

The CSS property to change the border of an element to Yxy 94.9580, 0.3472, 0.3823 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, 252, 198) }
```

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

```
.border{ border-color:rgb(255, 252, 198) }
```

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

Here you see how a box with a 4 pixel rgb(255, 252, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
198) }
```


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