

Converting Colors

$Yxy(94.7381, 0.3200, 0.3378)$

Have a look what the booklet for
Yxy(94.7381, 0.3200, 0.3378)
contains.

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Color

Yxy(94.7381, 0.3200, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	FCF9F0
RGB	252, 249, 240
RGB Percent	99%, 98%, 94%
CMY	0.0118, 0.0235, 0.0589
CMYK	0.00, 0.01, 0.05, 0.01
HSL	45°, 67%, 96%
HSV	45°, 5%, 99%
XYZ	89.7460, 94.7381, 95.9721
YIQ	248.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

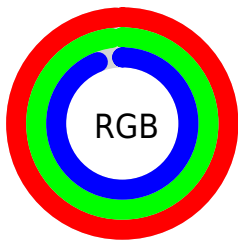
Format	Color
RYB	244, 252, 240
Decimal	16579056
CIELab	97.93, -0.55, 4.67
CIELCh	98, 4.700, 96.664
Yxy	94.7381, 0.3200, 0.3378
Android (android.graphics.Color)	4294769136 (0xFFFCF9F0)
YUV	248.8710, -4.3734, 2.7441
Hunter-Lab	97.3335, -5.7484, 9.6727

Details

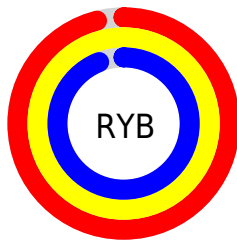
The Yxy color 94.7381, 0.3200, 0.3378 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.6317, 0.3054, 0.3200, and the grayscale version is 94.6554, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2027, 0.3211, 0.3402 is the 20% darker color. If you saturate the color by 10%, you get 89.5324, 0.3363, 0.3569, and if you desaturate by 10%, it is 99.4361, 0.3109, 0.3290.

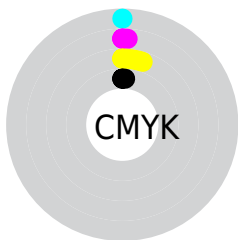
Distribution



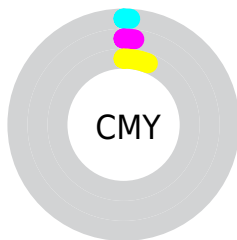
- Red (99%)
- Green (98%)
- Blue (94%)



- Red (96%)
- Yellow (99%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7381, 0.3200, 0.3378 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 94.7381, 0.3200, 0.3378 by changing the saturation by 10% instead.

 94.7381, 0.3200,
0.3378

 94.7381, 0.3200,
0.3378

543.3262, 0.3168,
0.3339

 71.9170, 0.3207,
0.3386


153.9027, 0.3189,
0.3365

 53.0909, 0.3215,
0.3397

191.0151, 0.3185,
0.3360

 37.8753, 0.3226,
0.3409


233.6599, 0.3181,
0.3355

 25.8859, 0.3239,
0.3426

282.2217, 0.3178,
0.3351

 16.7383, 0.3257,
0.3447

337.0849, 0.3175,
0.3348

 10.0481, 0.3281,
0.3476

398.6337, 0.3172,

 5.4309, 0.3316,

0.3345

0.3519

467.2527, 0.3170,
0.3342

■ 2.5022, 0.3371,
0.3586

■ 0.8777, 0.3526,
0.3770

■ 94.7381, 0.3200,
0.3378

■ 94.7381, 0.3200,
0.3378

■ 89.5324, 0.3363,
0.3569

■ 99.4361, 0.3109,
0.3290

■ 84.6505, 0.3538,
0.3766

■ 80.0859, 0.3722,
0.3963

■ 75.8276, 0.3912,
0.4152

■ 71.8636, 0.4101,
0.4324

■ 68.1808, 0.4280,
0.4467

■ 64.7645, 0.4441,
0.4572

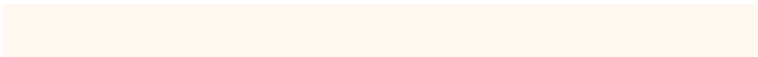
■ 61.5978, 0.4577,
0.4631

■ 58.6602, 0.4681,
0.4639

Harmonies

Analogous

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



94.7381, 0.3226, 0.3356



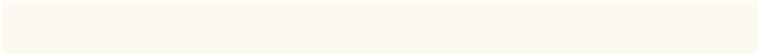
94.7381, 0.3200, 0.3378



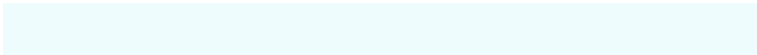
94.7381, 0.3155, 0.3377

Triad

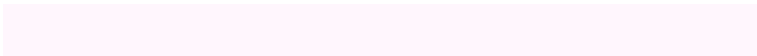
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.7381, 0.3200, 0.3378



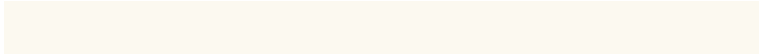
94.7381, 0.3030, 0.3263



94.7381, 0.3152, 0.3230

Complementary

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



94.7381, 0.3200, 0.3378



89.6317, 0.3054, 0.3200

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.



94.7381, 0.3099, 0.3206



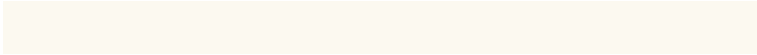
94.7381, 0.3200, 0.3378



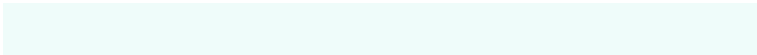
94.7381, 0.3029, 0.3224

Square

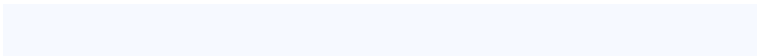
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



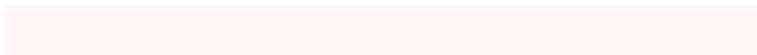
94.7381, 0.3200, 0.3378



94.7381, 0.3057, 0.3310



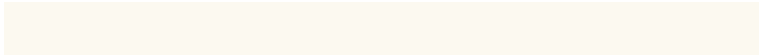
94.7381, 0.3055, 0.3203



94.7381, 0.3198, 0.3271

Rectangle

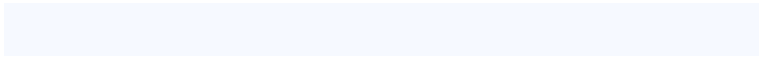
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



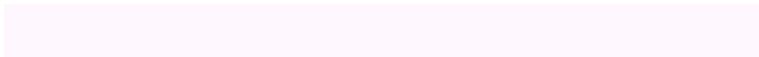
94.7381, 0.3200, 0.3378



94.7381, 0.3120, 0.3362



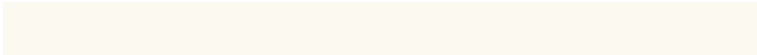
94.7381, 0.3055, 0.3203



94.7381, 0.3134, 0.3220

Sweetspot

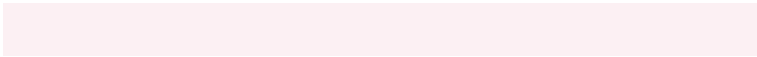
The Sweet Spot groups the original color and five complimentary colors.



94.7422, 0.3200, 0.3378



99.4324, 0.3142, 0.3308



89.4705, 0.3188, 0.3261



21.2886, 0.3141, 0.3307



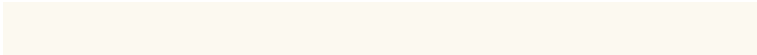
0.0000, 0.0000, 0.0000



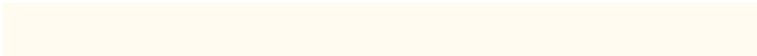
21.4041, 0.3127, 0.3290

Same Dimension

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



94.7422, 0.3200, 0.3378



96.6468, 0.3219, 0.3401



96.0518, 0.3179, 0.3407



19.7314, 0.3229, 0.3413



30.0416, 0.4715, 0.4638



2.9494, 0.4639, 0.4698

Inverse Universe

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



89.6317, 0.3054, 0.3200



90.0995, 0.3035, 0.3176



88.3843, 0.3074, 0.3171



18.2532, 0.3025, 0.3164



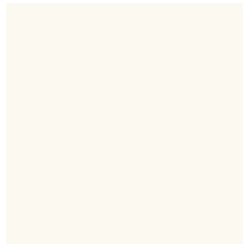
5.6930, 0.1579, 0.0884



0.6875, 0.1640, 0.1103

Previews

White Background



This preview shows how the Yxy color 94.7381, 0.3200, 0.3378 looks on a white background.

Color Contrast Check

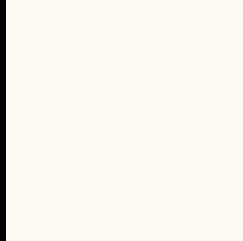
Large Text (above 18pt) WCAG AA × Fail

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 94.7381, 0.3200, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

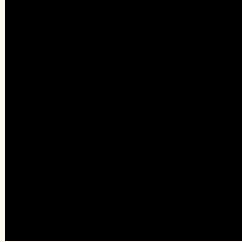
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7381, 0.3200, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 94.7381, 0.3200, 0.3378.

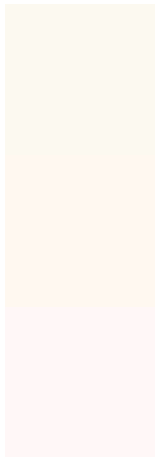


This preview shows how white text looks on a background with the Yxy color 94.7381, 0.3200, 0.3378.

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

94.7381, 0.3200, 0.3378

Protanopia

94.6861, 0.3220, 0.3368

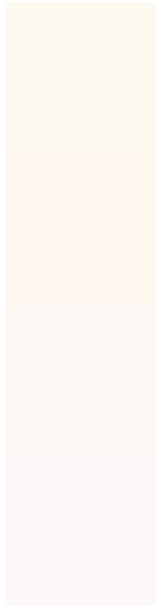
Deuteranopia

94.4969, 0.3178, 0.3290

Tritanopia

95.0503, 0.3111, 0.3223

Trichromacy



Original Color

94.7381, 0.3200, 0.3378

Protanomaly

94.4969, 0.3214, 0.3368

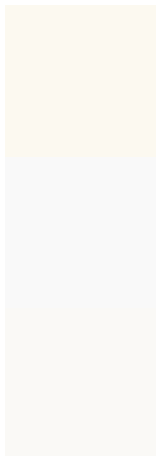
Deuteranomaly

94.7373, 0.3189, 0.3329

Tritanomaly

94.7324, 0.3141, 0.3271

Monochromacy



Original Color

94.7381, 0.3200, 0.3378

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.7292, 0.3151, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7381, 0.3200, 0.3378 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, 249, 240)` looks like.

```
.text, #text, p{  
    color:rgb(252, 249, 240)  
}
```

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, 249, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 249, 240) }
```

Border

The CSS property to change the border of an element to Yxy 94.7381, 0.3200, 0.3378 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, 249, 240) }
```

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

```
.border{ border-color:rgb(252, 249, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 249, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 249, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 249, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 249,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7381, 0.3200, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 249, 240) }
```

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

```
.background{ background-color: rgb(252,  
249, 240) }
```

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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