

Converting Colors

$Yxy(93.8738, 0.3242, 0.3581)$

Have a look what the booklet for
Yxy(93.8738, 0.3242, 0.3581)
contains.

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Color

Yxy(94.0032, 0.3241, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	F3FCDF
RGB	243, 252, 223
RGB Percent	95%, 99%, 87%
CMY	0.0469, 0.0118, 0.1255
CMYK	0.04, 0.00, 0.12, 0.01
HSL	79°, 83%, 93%
HSV	79°, 12%, 99%
XYZ	85.1018, 94.0032, 83.4738
YIQ	246.0030, 3.9450, -10.9270

Conversions

Conversions Part 2

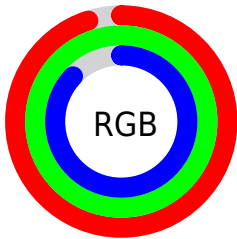
Format	Color
R _Y B	223, 252, 232
Decimal	15989983
CIE Lab	97.63, -7.88, 12.87
CIE LCh	98, 15.096, 121.484
Yxy	94.0032, 0.3241, 0.3580
Android (android.graphics.Color)	4294180063 (0xFFFF3FCDF)
YUV	246.0030, -11.3405, -2.6336
Hunter-Lab	96.9552, -12.9946, 16.8228

Details

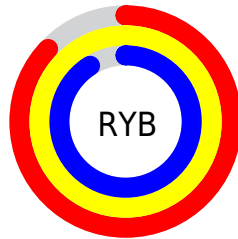
The Yxy color **94.0032, 0.3241, 0.3580** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76.9559, 0.3004, 0.2994**, and the grayscale version is **92.2597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4222, 0.3265, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **91.3912, 0.3340, 0.3848**, and if you desaturate by 10%, it is **96.8844, 0.3142, 0.3327**.

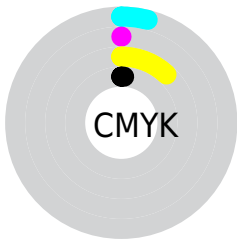
Distribution



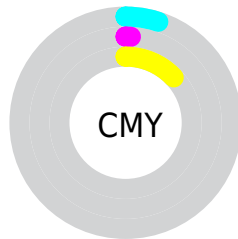
- Red (95%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)




- Cyan (5%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0032, 0.3241, 0.3580 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 94.0032, 0.3241, 0.3580 by changing the saturation by 10% instead.


 94.0032, 0.3241,
0.3580

 94.0032, 0.3241,
0.3580

540.9689, 0.3192,
0.3450

 71.3056, 0.3252,
0.3609

152.8868, 0.3224,
0.3536

 52.5916, 0.3264,
0.3644

189.8415, 0.3218,
0.3518

 37.4769, 0.3280,
0.3687


232.3175, 0.3212,
0.3503

 25.5769, 0.3299,
0.3743

280.6990, 0.3207,
0.3490

 16.5074, 0.3324,
0.3817

335.3706, 0.3203,
0.3478

 9.8839, 0.3358,
0.3920

396.7164, 0.3199,

 5.3221, 0.3404,

0.3468

0.4072

465.1211, 0.3195,
0.3458

■ 2.4374, 0.3469,
0.4317

■ 0.8451, 0.4138,
0.5726

■ 94.0032, 0.3241,
0.3580

■ 94.0032, 0.3241,
0.3580

■ 91.3912, 0.3340,
0.3848

■ 96.8844, 0.3142,
0.3327

■ 89.0266, 0.3436,
0.4126

■ 98.0977, 0.3128,
0.3261

■ 86.9031, 0.3524,
0.4404

■ 85.0095, 0.3598,
0.4673

■ 83.3338, 0.3655,
0.4920

■ 81.8624, 0.3688,
0.5133

■ 80.5797, 0.3696,
0.5301

■ 79.4672, 0.3679,
0.5419

■ 78.6322, 0.3648,
0.5485

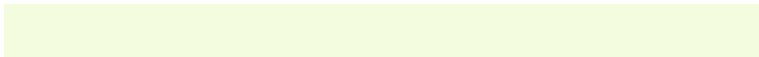
Harmonies

Analogous

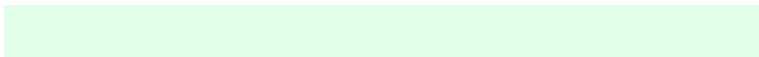
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0032, 0.3381, 0.3566



94.0032, 0.3241, 0.3580



94.0032, 0.3073, 0.3511

Triad

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



94.0032, 0.3241, 0.3580



94.0032, 0.2811, 0.3092



94.0032, 0.3333, 0.3202

Complementary

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



94.0032, 0.3241, 0.3580



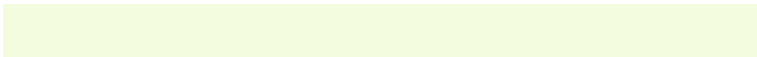
76.9559, 0.3004, 0.2994

Split Complementary

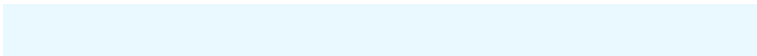
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.0032, 0.3175, 0.3083



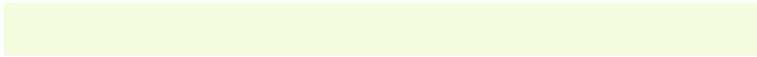
94.0032, 0.3241, 0.3580



94.0032, 0.2876, 0.3018

Square

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



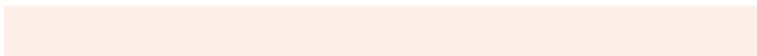
94.0032, 0.3241, 0.3580



94.0032, 0.2828, 0.3223



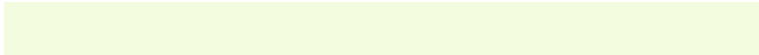
94.0032, 0.3008, 0.3017



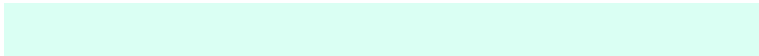
94.0032, 0.3436, 0.3344

Rectangle

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



94.0032, 0.3241, 0.3580



94.0032, 0.2968, 0.3427



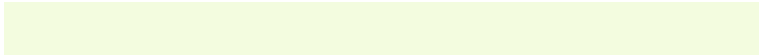
94.0032, 0.3008, 0.3017



94.0032, 0.3284, 0.3158

Sweetspot

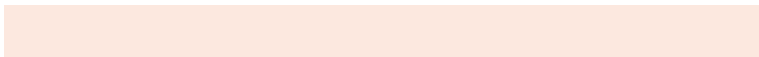
The Sweet Spot groups the original color and five complimentary colors.



94.0073, 0.3241, 0.3580



99.0715, 0.3157, 0.3363



83.5685, 0.3324, 0.3378



21.1532, 0.3165, 0.3383



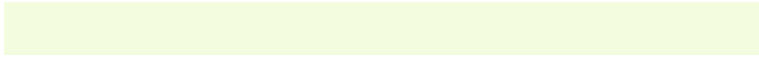
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

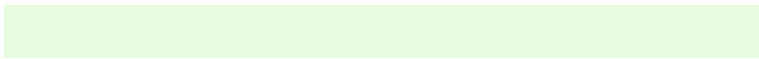
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0073, 0.3241, 0.3580



95.8780, 0.3266, 0.3646



91.5715, 0.3150, 0.3588



19.9060, 0.3221, 0.3528



41.0436, 0.3657, 0.5478



3.8573, 0.3723, 0.5426

Inverse Universe

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



76.9559, 0.3004, 0.2994



74.9174, 0.2975, 0.2925



79.4349, 0.3101, 0.3002



16.9031, 0.3027, 0.3048



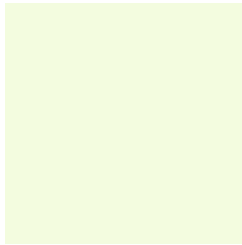
4.5697, 0.1712, 0.0717



0.4766, 0.1837, 0.0786

Previews

White Background



This preview shows how the Yxy color 94.0032, 0.3241, 0.3580 looks on a white background.

Color Contrast Check

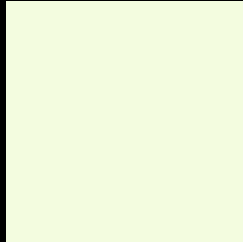
Large Text (above 18pt) WCAG AA × Fail

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 94.0032, 0.3241, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

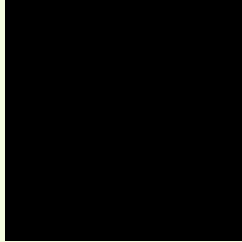
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

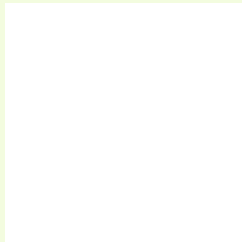
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.0032, 0.3241, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 94.0032, 0.3241, 0.3580.

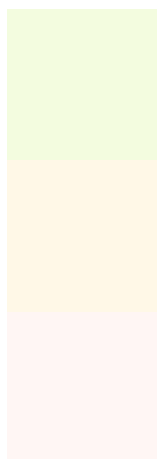


This preview shows how white text looks on a background with the Yxy color 94.0032, 0.3241, 0.3580.

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

94.0032, 0.3241, 0.3580

Protanopia

94.1643, 0.3275, 0.3456

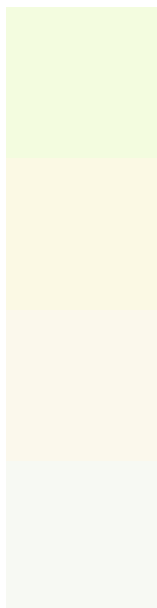
Deuteranopia

93.7032, 0.3197, 0.3310

Tritanopia

93.8813, 0.3093, 0.3213

Trichromacy



Original Color

94.0032, 0.3241, 0.3580

Protanomaly

93.8620, 0.3266, 0.3497

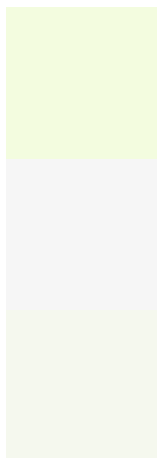
Deuteranomaly

93.7002, 0.3218, 0.3408

Tritanomaly

93.9966, 0.3150, 0.3349

Monochromacy



Original Color

94.0032, 0.3241, 0.3580

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.7203, 0.3167, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0032, 0.3241, 0.3580 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(243, 252, 223)` looks like.

```
.text, #text, p{  
    color:rgb(243, 252, 223)  
}
```

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(243, 252, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 252, 223) }
```

Border

The CSS property to change the border of an element to Yxy 94.0032, 0.3241, 0.3580 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(243, 252, 223) }
```

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

```
.border{ border-color:rgb(243, 252, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 252, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 252, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 252, 223);  
box-shadow:4px 4px 4px 4px rgb(243, 252,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0032, 0.3241, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 252, 223) }
```

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

```
.background{ background-color: rgb(243,  
252, 223) }
```

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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