

Converting Colors

$Yxy(93.2403, 0.3340, 0.3701)$

Have a look what the booklet for
Yxy(93.2403, 0.3340, 0.3701)
contains.

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Color

Yxy(93.2403, 0.3340, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	F6FBD2
RGB	246, 251, 210
RGB Percent	96%, 98%, 82%
CMY	0.0352, 0.0157, 0.1764
CMYK	0.02, 0.00, 0.16, 0.02
HSL	67°, 84%, 90%
HSV	67°, 16%, 98%
XYZ	84.1455, 93.2403, 74.5469
YIQ	244.8310, 10.1810, -13.8110

Conversions

Conversions Part 2

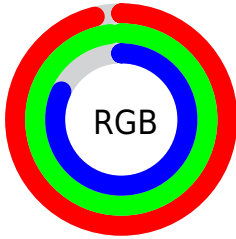
Format	Color
RYB	210, 251, 215
Decimal	16186322
CIELab	97.33, -8.37, 19.11
CIELCh	97, 20.866, 113.641
Yxy	93.2403, 0.3340, 0.3701
Android (android.graphics.Color)	4294376402 (0xFFFF6FBD2)
YUV	244.8310, -17.1717, 1.0252
Hunter-Lab	96.5610, -13.4327, 21.8197

Details

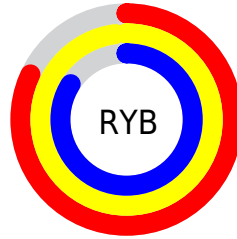
The Yxy color **93.2403, 0.3340, 0.3701** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.5129, 0.2893, 0.2852**, and the grayscale version is **91.3090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2156, 0.3381, 0.3804** is the 20% darker color. If you saturate the color by 10%, you get **91.5440, 0.3471, 0.3962**, and if you desaturate by 10%, it is **95.1500, 0.3209, 0.3446**.

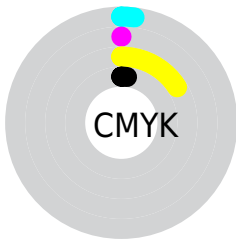
Distribution



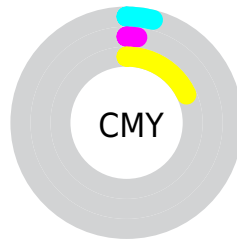
- Red (96%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)




- Cyan (4%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2403, 0.3340, 0.3701 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 93.2403, 0.3340, 0.3701 by changing the saturation by 10% instead.

 93.2403, 0.3340,
0.3701

 93.2403, 0.3340,
0.3701


538.5160, 0.3247,
0.3516

 70.6712, 0.3360,
0.3742


151.8313, 0.3309,
0.3638

 52.0740, 0.3384,
0.3792


188.6220, 0.3297,
0.3613

 37.0640, 0.3413,
0.3853


230.9220, 0.3286,
0.3592

 25.2571, 0.3449,
0.3933

279.1157, 0.3276,
0.3573

 16.2687, 0.3495,
0.4037

333.5876, 0.3268,
0.3556

 9.7145, 0.3556,
0.4181

394.7221, 0.3260,

 5.2101, 0.3638,

0.3542

462.9034, 0.3254,
0.3528

0.4392

2.3710, 0.3761,
0.4737

0.8109, 0.4113,
0.5887

93.2403, 0.3340,
0.3701

93.2403, 0.3340,
0.3701

91.5440, 0.3471,
0.3962

95.1500, 0.3209,
0.3446

90.0397, 0.3598,
0.4221

96.9287, 0.3111,
0.3252

88.7215, 0.3715,
0.4469

97.4719, 0.3129,
0.3252

87.5788, 0.3815,
0.4695

■ 86.5994, 0.3895,
0.4887

■ 85.7700, 0.3950,
0.5039

■ 85.0747, 0.3978,
0.5146

■ 84.4937, 0.3980,
0.5208

■ 84.2979, 0.3978,
0.5224

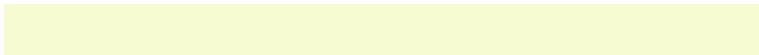
Harmonies

Analogous

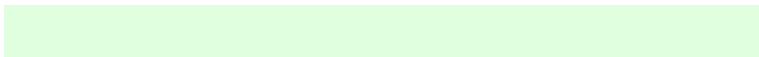
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2403, 0.3516, 0.3647



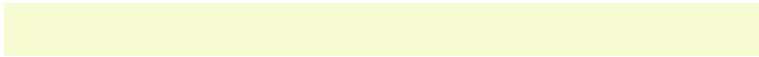
93.2403, 0.3340, 0.3701



93.2403, 0.3111, 0.3636

Triad

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



93.2403, 0.3340, 0.3701



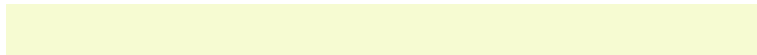
93.2403, 0.2688, 0.3054



93.2403, 0.3360, 0.3120

Complementary

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



93.2403, 0.3340, 0.3701



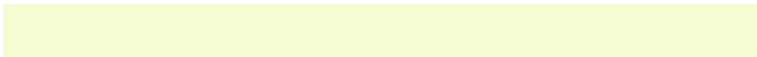
67.5129, 0.2893, 0.2852

Split Complementary

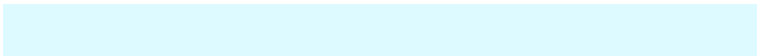
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2403, 0.3130, 0.2975



93.2403, 0.3340, 0.3701



93.2403, 0.2747, 0.2932

Square

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



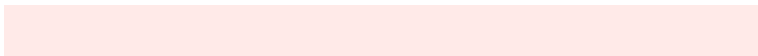
93.2403, 0.3340, 0.3701



93.2403, 0.2739, 0.3249



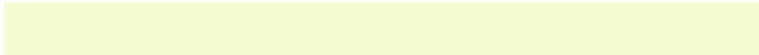
93.2403, 0.2907, 0.2906



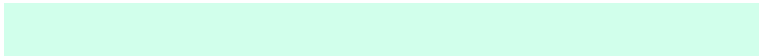
93.2403, 0.3530, 0.3310

Rectangle

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



93.2403, 0.3340, 0.3701



93.2403, 0.2960, 0.3531



93.2403, 0.2907, 0.2906



93.2403, 0.3287, 0.3065

Sweetspot

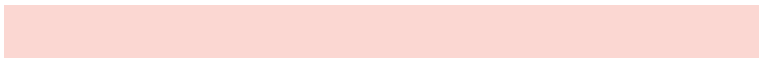
The Sweet Spot groups the original color and five complimentary colors.



93.2444, 0.3340, 0.3701



98.9140, 0.3191, 0.3413



73.6621, 0.3431, 0.3340



21.1399, 0.3201, 0.3430



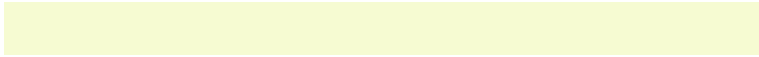
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

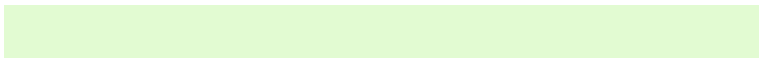
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2444, 0.3340, 0.3701



95.9862, 0.3389, 0.3797



89.7709, 0.3207, 0.3719



20.0778, 0.3250, 0.3526



44.3550, 0.3981, 0.5221



4.1372, 0.4008, 0.5200

Inverse Universe

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



67.5129, 0.2893, 0.2852



64.1339, 0.2833, 0.2742



70.7793, 0.3034, 0.2870



16.7437, 0.2998, 0.3046



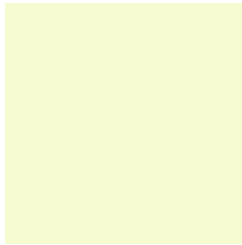
3.8417, 0.1544, 0.0624



0.3869, 0.1623, 0.0668

Previews

White Background



This preview shows how the Yxy color 93.2403, 0.3340, 0.3701 looks on a white background.

Color Contrast Check

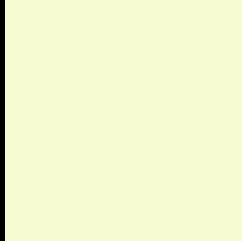
Large Text (above 18pt) WCAG AA × Fail

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 93.2403, 0.3340, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

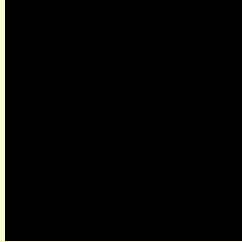
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.2403, 0.3340, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 93.2403, 0.3340, 0.3701.

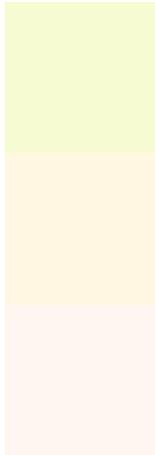


This preview shows how white text looks on a background with the Yxy color 93.2403, 0.3340, 0.3701.

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

93.2403, 0.3340, 0.3701

Protanopia

93.2178, 0.3313, 0.3506

Deuteranopia

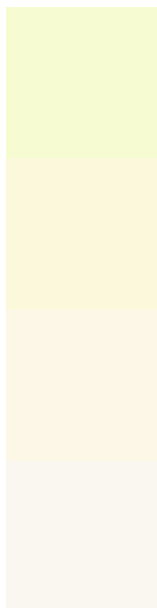
92.9157, 0.3216, 0.3329



Tritanopia

92.8488, 0.3100, 0.3193

Trichromacy



Original Color

93.2403, 0.3340, 0.3701

Protanomaly

92.9976, 0.3323, 0.3567

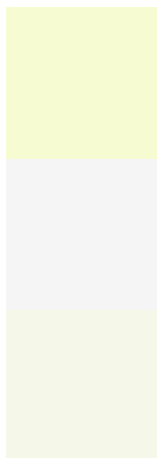
Deuteranomaly

92.9301, 0.3262, 0.3457

Tritanomaly

92.8933, 0.3188, 0.3369

Monochromacy



Original Color

93.2403, 0.3340, 0.3701

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.7602, 0.3204, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2403, 0.3340, 0.3701 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(246, 251, 210)` looks like.

```
.text, #text, p{  
    color:rgb(246, 251, 210)  
}
```

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(246, 251, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 251, 210) }
```

Border

The CSS property to change the border of an element to Yxy 93.2403, 0.3340, 0.3701 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(246, 251, 210) }
```

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

```
.border{ border-color:rgb(246, 251, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 251, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 251, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 251, 210);  
box-shadow:4px 4px 4px 4px rgb(246, 251,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2403, 0.3340, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 251, 210) }
```

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

```
.background{ background-color: rgb(246,  
251, 210) }
```

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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