

Converting Colors

$Yxy(93.3534, 0.3391, 0.3708)$

Have a look what the booklet for
Yxy(93.3534, 0.3391, 0.3708)
contains.

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Color

Yxy(93.4345, 0.3387, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	FBFAD0
RGB	251, 250, 208
RGB Percent	98%, 98%, 82%
CMY	0.0158, 0.0195, 0.1844
CMYK	0.00, 0.00, 0.17, 0.02
HSL	59°, 84%, 90%
HSV	59°, 17%, 98%
XYZ	85.3459, 93.4345, 73.2004
YIQ	245.5110, 14.0780, -12.8500

Conversions

Conversions Part 2

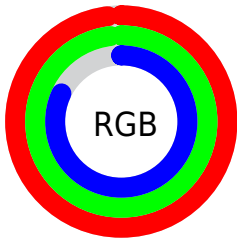
Format	Color
R _{YB}	209, 251, 208
Decimal	16513744
CIE Lab	97.40, -6.43, 20.32
CIE LCh	97, 21.312, 107.571
Yxy	93.4345, 0.3387, 0.3708
Android (android.graphics.Color)	4294703824 (0xFFFBFAD0)
YUV	245.5110, -18.4929, 4.8139
Hunter-Lab	96.6615, -11.5536, 22.7636

Details

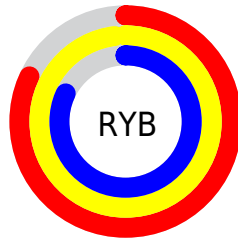
The Yxy color **93.4345, 0.3387, 0.3708** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.9454, 0.2846, 0.2835**, and the grayscale version is **91.8862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3528, 0.3442, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **91.9518, 0.3542, 0.3956**, and if you desaturate by 10%, it is **95.1220, 0.3233, 0.3461**.

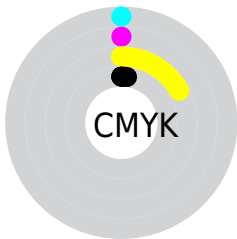
Distribution



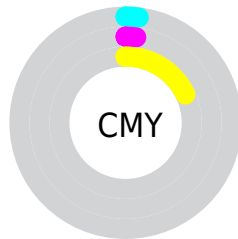
- Red (98%)
- Green (98%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.4345, 0.3387, 0.3708 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 93.4345, 0.3387, 0.3708 by changing the saturation by 10% instead.

 93.4345, 0.3387,
0.3708

 93.4345, 0.3387,
0.3708


539.1410, 0.3274,
0.3521

 70.8327, 0.3411,
0.3749

152.1000, 0.3349,
0.3644

 52.2057, 0.3441,
0.3799

188.9325, 0.3334,
0.3619

 37.1690, 0.3477,
0.3861


231.2774, 0.3321,
0.3598

 25.3384, 0.3521,
0.3940

279.5190, 0.3309,
0.3578

 16.3294, 0.3579,
0.4045

334.0418, 0.3299,
0.3562

 9.7575, 0.3655,
0.4187

395.2301, 0.3289,

 5.2385, 0.3759,

0.3547

0.4392

463.4684, 0.3281,
0.3533

■ 2.3879, 0.3923,
0.4734

■ 0.8196, 0.4314,
0.5686

■ 93.4345, 0.3387,
0.3708

■ 93.4345, 0.3387,
0.3708

■ 91.9518, 0.3542,
0.3956

■ 95.1220, 0.3233,
0.3461

■ 90.6523, 0.3694,
0.4197


■ 96.8038, 0.3104,
0.3253

■ 89.5302, 0.3836,
0.4422


■ 97.1546, 0.3104,
0.3258


■ 88.5747, 0.3962,
0.4620


■ 97.5065, 0.3103,
0.3264

 87.7739, 0.4068,
0.4783

 97.8594, 0.3103,
0.3269

 87.1139, 0.4147,
0.4904


 98.2133, 0.3103,
0.3274


 86.5789, 0.4200,
0.4980

 98.5683, 0.3103,
0.3280

 86.1483, 0.4228,
0.5015

 98.9243, 0.3102,
0.3285

 86.0349, 0.4233,
0.5021

 99.2446, 0.3102,
0.3290

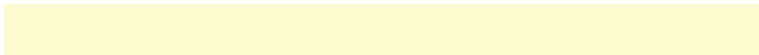
Harmonies

Analogous

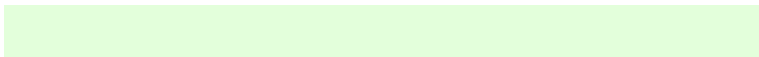
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4345, 0.3549, 0.3631



93.4345, 0.3387, 0.3708



93.4345, 0.3159, 0.3666

Triad

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



93.4345, 0.3387, 0.3708



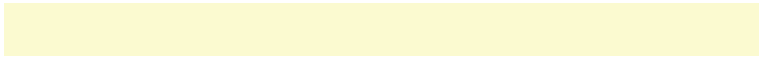
93.4345, 0.2680, 0.3084



93.4345, 0.3320, 0.3082

Complementary

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



93.4345, 0.3387, 0.3708



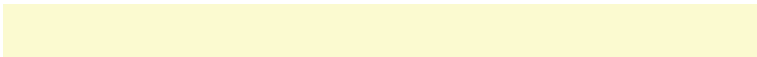
65.9454, 0.2846, 0.2835

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.



93.4345, 0.3081, 0.2948



93.4345, 0.3387, 0.3708



93.4345, 0.2718, 0.2942

Square

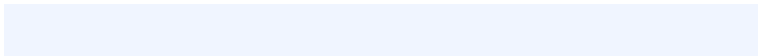
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



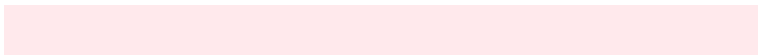
93.4345, 0.3387, 0.3708



93.4345, 0.2756, 0.3293



93.4345, 0.2863, 0.2896



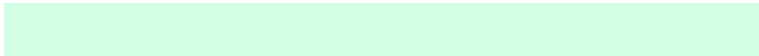
93.4345, 0.3511, 0.3269

Rectangle

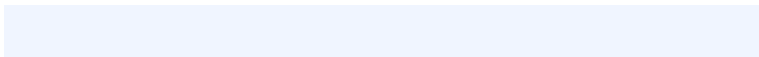
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.4345, 0.3387, 0.3708



93.4345, 0.3002, 0.3573



93.4345, 0.2863, 0.2896



93.4345, 0.3242, 0.3030

Sweetspot

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



93.4386, 0.3387, 0.3708



99.0244, 0.3201, 0.3410



70.2336, 0.3447, 0.3276



21.1669, 0.3212, 0.3427



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.



93.4386, 0.3387, 0.3708



96.2579, 0.3447, 0.3805



90.5066, 0.3252, 0.3735



20.1203, 0.3269, 0.3519



45.2644, 0.4233, 0.5021



4.2128, 0.4228, 0.5025

Inverse Universe

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



65.9454, 0.2846, 0.2835



62.2445, 0.2774, 0.2718



68.5700, 0.2984, 0.2843



16.7050, 0.2979, 0.3050



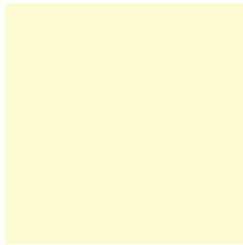
3.7526, 0.1504, 0.0614



0.3687, 0.1513, 0.0647

Previews

White Background



This preview shows how the Yxy color 93.4345, 0.3387, 0.3708 looks on a white background.

Color Contrast Check

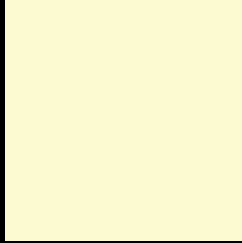
Large Text (above 18pt) WCAG AA × Fail

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 93.4345, 0.3387, 0.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

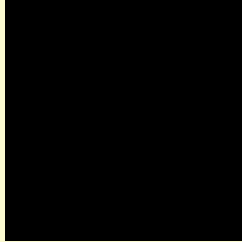
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.4345, 0.3387, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 93.4345, 0.3387, 0.3708.

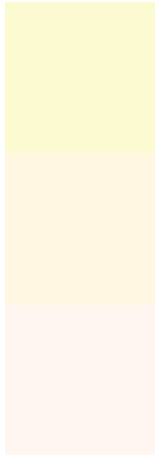


This preview shows how white text looks on a background with the Yxy color 93.4345, 0.3387, 0.3708.

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

93.4345, 0.3387, 0.3708

Protanopia

93.2725, 0.3307, 0.3496

Deuteranopia

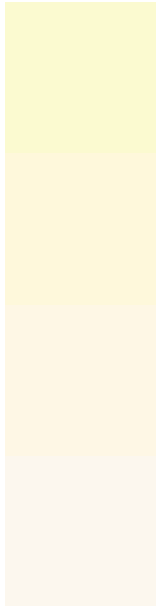
93.5224, 0.3216, 0.3339



Tritanopia

93.4075, 0.3119, 0.3194

Trichromacy



Original Color

93.4345, 0.3387, 0.3708

Protanomaly

93.3201, 0.3342, 0.3576

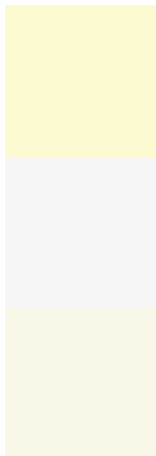
Deuteranomaly

93.2495, 0.3282, 0.3467

Tritanomaly

93.3900, 0.3213, 0.3378

Monochromacy



Original Color

93.4345, 0.3387, 0.3708

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.3042, 0.3224, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4345, 0.3387, 0.3708 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(251, 250, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 250, 208)  
}
```

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(251, 250, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 250, 208) }
```

Border

The CSS property to change the border of an element to Yxy 93.4345, 0.3387, 0.3708 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(251, 250, 208) }
```

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

```
.border{ border-color:rgb(251, 250, 208) }
```

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

Here you see how a box with a 4 pixel rgb(251, 250, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 250, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 250, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 250,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4345, 0.3387, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 250, 208) }
```

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

```
.background{ background-color: rgb(251,  
250, 208) }
```

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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