

Converting Colors

$Yxy(93.1063, 0.3309, 0.3758)$

Have a look what the booklet for
Yxy(93.1063, 0.3309, 0.3758)
contains.

Yxy(93.1063, 0.3309, 0.3758)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.1063, 0.3309, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	EFFDCF
RGB	239, 253, 207
RGB Percent	94%, 99%, 81%
CMY	0.0627, 0.0078, 0.1883
CMYK	0.06, 0.00, 0.18, 0.01
HSL	78°, 92%, 90%
HSV	78°, 18%, 99%
XYZ	81.9821, 93.1063, 72.6665
YIQ	243.5700, 6.4220, -17.2740

Conversions

Conversions Part 2

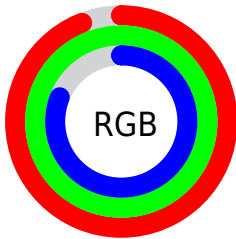
Format	Color
R_{YB}	207, 253, 221
Decimal	15728079
CIE _{Lab}	97.27, -12.28, 20.52
CIE _{LCh}	97, 23.912, 120.910
Yxy	93.1063, 0.3309, 0.3758
Android (android.graphics.Color)	4293918159 (0xFFE _{FF} D _{CF})
YUV	243.5700, -18.0290, -4.0079
Hunter-Lab	96.4916, -17.2015, 22.8936

Details

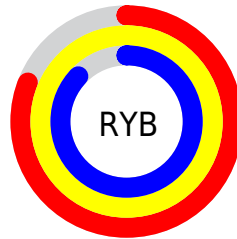
The Yxy color **93.1063, 0.3309, 0.3758** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.0772, 0.2921, 0.2805**, and the grayscale version is **90.2497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8470, 0.3344, 0.3851** is the 20% darker color. If you saturate the color by 10%, you get **90.6589, 0.3407, 0.4033**, and if you desaturate by 10%, it is **95.8173, 0.3209, 0.3494**.

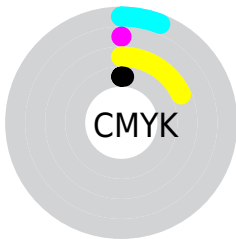
Distribution



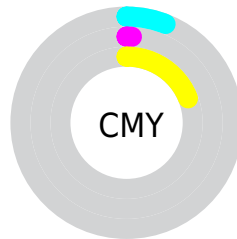
- Red (94%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)





- Cyan (6%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1063, 0.3309, 0.3758 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 93.1063, 0.3309, 0.3758 by changing the saturation by 10% instead.


 93.1063, 0.3309,
0.3758

 93.1063, 0.3309,
0.3758


538.0846, 0.3231,
0.3547

 70.5599, 0.3325,
0.3805

151.6458, 0.3283,
0.3686

 51.9831, 0.3345,
0.3863


188.4076, 0.3273,
0.3657

 36.9916, 0.3368,
0.3934


230.6767, 0.3264,
0.3633

 25.2010, 0.3398,
0.4026

278.8374, 0.3256,
0.3611

 16.2269, 0.3434,
0.4148

333.2741, 0.3248,
0.3592

 9.6848, 0.3480,
0.4318

394.3713, 0.3242,

 5.1905, 0.3538,

0.3575

0.4567

462.5133, 0.3236,
0.3560

■ 2.3595, 0.3631,
0.4998

■ 0.8049, 0.3663,
0.6337

■ 93.1063, 0.3309,
0.3758

■ 93.1063, 0.3309,
0.3758

■ 90.6589, 0.3407,
0.4033

■ 95.8173, 0.3209,
0.3494

■ 88.4526, 0.3499,
0.4312

■ 98.6217, 0.3124,
0.3271

■ 86.4806, 0.3579,
0.4585

■ 98.7355, 0.3128,
0.3271

■ 84.7311, 0.3643,
0.4839

■ 83.1910, 0.3686,
0.5064

■ 81.8452, 0.3703,
0.5247

■ 80.6764, 0.3694,
0.5380

■ 79.6608, 0.3663,
0.5466

■ 79.4878, 0.3656,
0.5479

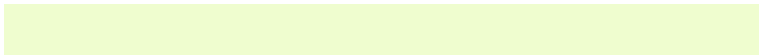
Harmonies

Analogous

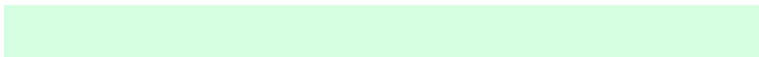
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1063, 0.3533, 0.3726



93.1063, 0.3309, 0.3758



93.1063, 0.3043, 0.3651

Triad

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



93.1063, 0.3309, 0.3758



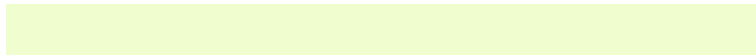
93.1063, 0.2631, 0.2975



93.1063, 0.3450, 0.3145

Complementary

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



93.1063, 0.3309, 0.3758



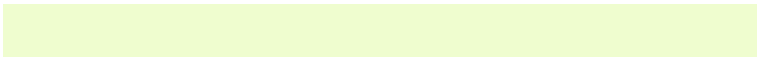
67.0772, 0.2921, 0.2805

Split Complementary

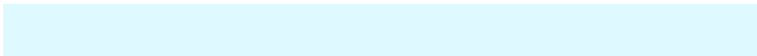
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.1063, 0.3195, 0.2965



93.1063, 0.3309, 0.3758



93.1063, 0.2728, 0.2863

Square

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



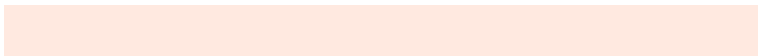
93.1063, 0.3309, 0.3758



93.1063, 0.2659, 0.3182



93.1063, 0.2931, 0.2863



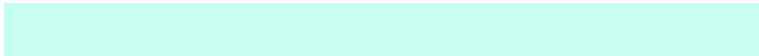
93.1063, 0.3619, 0.3365

Rectangle

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



93.1063, 0.3309, 0.3758



93.1063, 0.2878, 0.3514



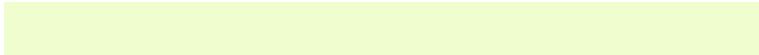
93.1063, 0.2931, 0.2863



93.1063, 0.3371, 0.3078

Sweetspot

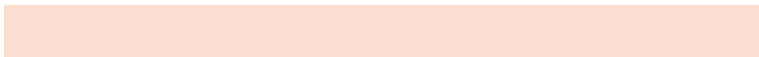
The Sweet Spot groups the original color and five complimentary colors.



93.1104, 0.3309, 0.3758



98.4774, 0.3177, 0.3413



76.9886, 0.3458, 0.3432



21.0336, 0.3184, 0.3431



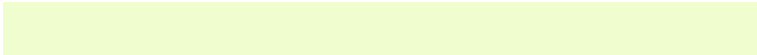
0.0000, 0.0000, 0.0000



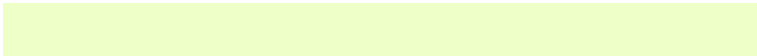
21.4041, 0.3127, 0.3290

Same Dimension

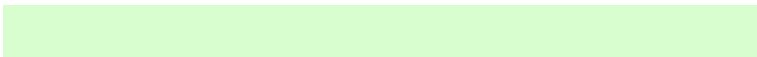
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1104, 0.3309, 0.3758



93.8037, 0.3347, 0.3862



89.3864, 0.3161, 0.3780



20.7971, 0.3222, 0.3528



42.3616, 0.3664, 0.5472



4.1819, 0.3726, 0.5423

Inverse Universe

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



67.0772, 0.2921, 0.2805



62.6154, 0.2871, 0.2693



70.9051, 0.3082, 0.2828



17.6457, 0.3026, 0.3048



4.6781, 0.1705, 0.0713



0.5098, 0.1823, 0.0778

Previews

White Background



This preview shows how the Yxy color 93.1063, 0.3309, 0.3758 looks on a white background.

Color Contrast Check

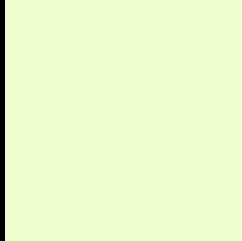
Large Text (above 18pt) WCAG AA × Fail

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 93.1063, 0.3309, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

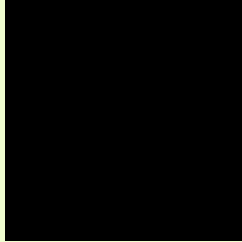
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

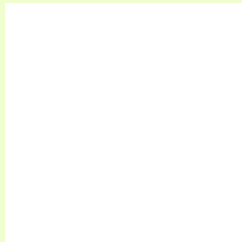
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.1063, 0.3309, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 93.1063, 0.3309, 0.3758.

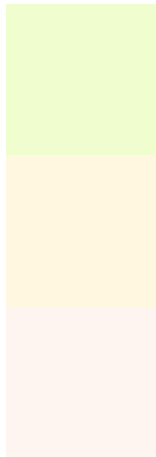


This preview shows how white text looks on a background with the Yxy color 93.1063, 0.3309, 0.3758.

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

93.1063, 0.3309, 0.3758

Protanopia

93.1633, 0.3319, 0.3516

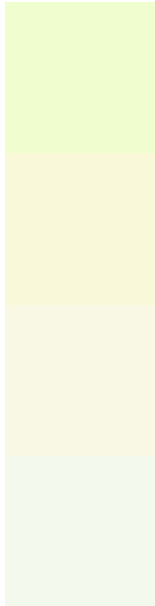
Deuteranopia

92.8561, 0.3222, 0.3339

Tritanopia

92.9057, 0.3080, 0.3203

Trichromacy



Original Color

93.1063, 0.3309, 0.3758

Protanomaly

92.9531, 0.3314, 0.3599

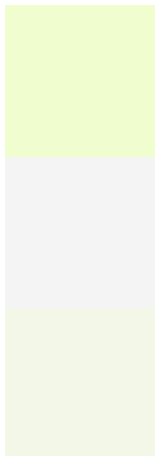
Deuteranomaly

92.8760, 0.3254, 0.3488

Tritanomaly

93.1575, 0.3160, 0.3399

Monochromacy



Original Color

93.1063, 0.3309, 0.3758

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.1683, 0.3191, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1063, 0.3309, 0.3758 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(239, 253, 207)` looks like.

```
.text, #text, p{  
    color:rgb(239, 253, 207)  
}
```

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(239, 253, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 253, 207) }
```

Border

The CSS property to change the border of an element to Yxy 93.1063, 0.3309, 0.3758 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(239, 253, 207) }
```

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

```
.border{ border-color:rgb(239, 253, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 253, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 253, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 253, 207);  
box-shadow:4px 4px 4px 4px rgb(239, 253,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1063, 0.3309, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 253, 207) }
```

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

```
.background{ background-color: rgb(239,  
253, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor