

Converting Colors

$Yxy(94.8921, 0.3144, 0.3538)$

Have a look what the booklet for
Yxy(94.8921, 0.3144, 0.3538)
contains.

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Color

Yxy(94.8953, 0.3146, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	EBFFE6
RGB	235, 255, 230
RGB Percent	92%, 100%, 90%
CMY	0.0787, 0.0000, 0.0981
CMYK	0.08, 0.00, 0.10, 0.00
HSL	108°, 100%, 95%
HSV	108°, 10%, 100%
XYZ	84.2859, 94.8953, 88.7333
YIQ	246.1700, -3.8950, -12.0150

Conversions

Conversions Part 2

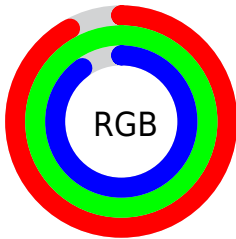
Format	Color
R_{YB}	230, 255, 250
Decimal	15466470
CIE _{Lab}	97.99, -10.97, 9.72
CIE _{LCh}	98, 14.663, 138.452
Yxy	94.8953, 0.3146, 0.3542
Android (android.graphics.Color)	4293656550 (0xFFEBFFE6)
YUV	246.1700, -7.9718, -9.7961
Hunter-Lab	97.4142, -16.0310, 14.1835

Details

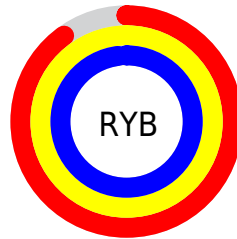
The Yxy color **94.8953, 0.3146, 0.3542** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.1479, 0.3105, 0.3046**, and the grayscale version is **92.3529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.0279, 0.3152, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **90.2693, 0.3163, 0.3828**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

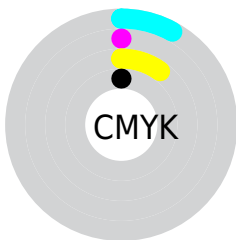
Distribution



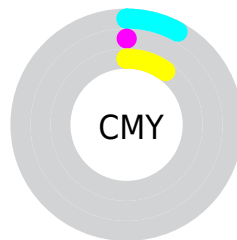
- Red (92%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.8953, 0.3146, 0.3542 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 94.8953, 0.3146, 0.3542 by changing the saturation by 10% instead.


 94.8953, 0.3146,
0.3542

 94.8953, 0.3146,
0.3542

543.8297, 0.3139,
0.3429

 72.0478, 0.3147,
0.3567


154.1199, 0.3144,
0.3503

 53.1978, 0.3149,
0.3598


191.2659, 0.3143,
0.3488

 37.9607, 0.3151,
0.3636


233.9469, 0.3142,
0.3475

 25.9522, 0.3153,
0.3685

282.5471, 0.3141,
0.3464

 16.7879, 0.3155,
0.3749

337.4512, 0.3140,
0.3453

 10.0834, 0.3157,
0.3840

399.0434, 0.3140,

 5.4543, 0.3159,

0.3444

0.3974

467.7081, 0.3139,
0.3436

■ 2.5162, 0.3156,
0.4194

■ 0.8847, 0.3291,
0.5081

■ 94.8953, 0.3146,
0.3542

■ 94.8953, 0.3146,
0.3542

■ 90.2693, 0.3163,
0.3828

100.0000, 0.3127,
0.3290

■ 86.2431, 0.3177,
0.4142

■ 82.7807, 0.3185,
0.4477

■ 79.8564, 0.3186,
0.4819

■ 77.4424, 0.3178,
0.5150

■ 75.5085, 0.3160,
0.5448

■ 74.0210, 0.3132,
0.5690

■ 72.9412, 0.3096,
0.5858

■ 72.2176, 0.3059,
0.5952

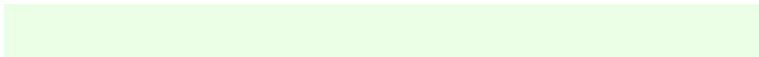
Harmonies

Analogous

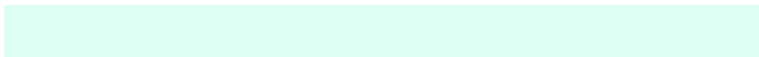
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8953, 0.3302, 0.3575



94.8953, 0.3146, 0.3542



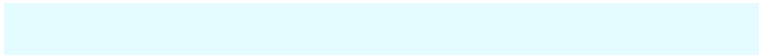
94.8953, 0.2988, 0.3436

Triad

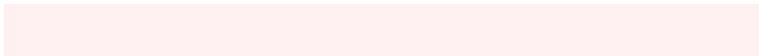
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.8953, 0.3146, 0.3542



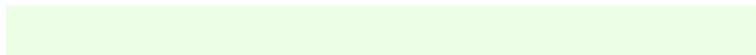
94.8953, 0.2847, 0.3050



94.8953, 0.3392, 0.3282

Complementary

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



94.8953, 0.3146, 0.3542



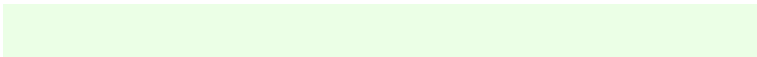
84.1479, 0.3105, 0.3046

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.



94.8953, 0.3264, 0.3150



94.8953, 0.3146, 0.3542



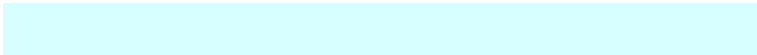
94.8953, 0.2950, 0.3017

Square

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



94.8953, 0.3146, 0.3542



94.8953, 0.2818, 0.3148



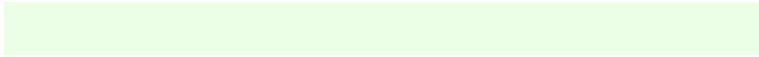
94.8953, 0.3102, 0.3054



94.8953, 0.3447, 0.3419

Rectangle

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



94.8953, 0.3146, 0.3542



94.8953, 0.2902, 0.3340



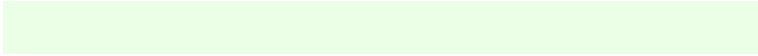
94.8953, 0.3102, 0.3054



94.8953, 0.3356, 0.3236

Sweetspot

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



94.8833, 0.3146, 0.3542



98.3710, 0.3133, 0.3364



95.3438, 0.3279, 0.3485



20.9643, 0.3135, 0.3384



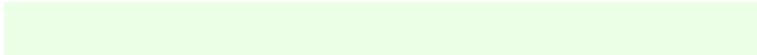
0.0000, 0.0000, 0.0000



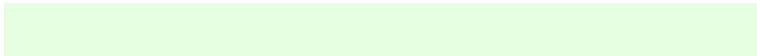
21.4041, 0.3127, 0.3290

Same Dimension

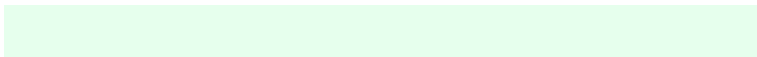
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.8833, 0.3146, 0.3542



93.8192, 0.3150, 0.3602



94.4860, 0.3073, 0.3467



20.3406, 0.3145, 0.3534



37.7779, 0.3066, 0.5948



3.7211, 0.3135, 0.5893

Inverse Universe

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



84.1479, 0.3105, 0.3046



80.8793, 0.3100, 0.2989



84.5980, 0.3186, 0.3120



18.1087, 0.3106, 0.3054



10.5947, 0.2713, 0.1268



1.0756, 0.2772, 0.1301

Previews

White Background



This preview shows how the Yxy color 94.8953, 0.3146, 0.3542 looks on a white background.

Color Contrast Check

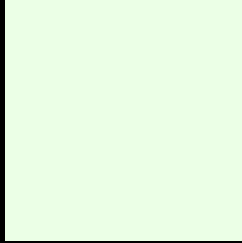
Large Text (above 18pt) WCAG AA × Fail

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 94.8953, 0.3146, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

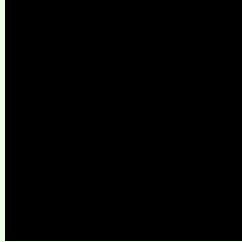
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

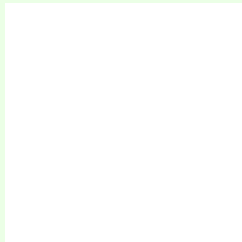
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.8953, 0.3146, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 94.8953, 0.3146, 0.3542.

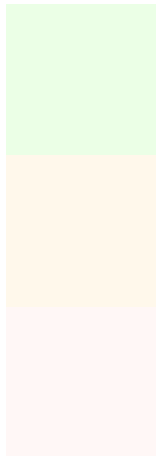


This preview shows how white text looks on a background with the Yxy color 94.8953, 0.3146, 0.3542.

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

94.8953, 0.3146, 0.3542

Protanopia

94.3930, 0.3250, 0.3417

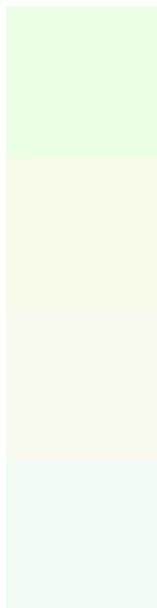
Deuteranopia

94.4353, 0.3185, 0.3300

Tritanopia

94.7455, 0.3080, 0.3232

Trichromacy



Original Color

94.8953, 0.3146, 0.3542

Protanomaly

94.8340, 0.3214, 0.3467

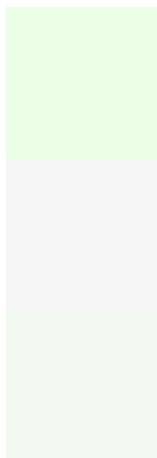
Deuteranomaly

94.6189, 0.3173, 0.3388

Tritanomaly

94.7029, 0.3106, 0.3339

Monochromacy



Original Color

94.8953, 0.3146, 0.3542

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.9199, 0.3136, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8953, 0.3146, 0.3542 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(235, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 230)  
}
```

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(235, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 230) }
```

Border

The CSS property to change the border of an element to Yxy 94.8953, 0.3146, 0.3542 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(235, 255, 230) }
```

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

```
.border{ border-color:rgb(235, 255, 230) }
```

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

Here you see how a box with a 4 pixel rgb(235, 255, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8953, 0.3146, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 230) }
```

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

```
.background{ background-color: rgb(235,  
255, 230) }
```

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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