

Converting Colors

$Yxy(94.2302, 0.3153, 0.3489)$

Have a look what the booklet for
Yxy(94.2302, 0.3153, 0.3489)
contains.

Yxy(94.3109, 0.3149, 0.3490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(94.3109, 0.3149, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	EEFDE9
RGB	238, 253, 233
RGB Percent	93%, 99%, 91%
CMY	0.0667, 0.0078, 0.0862
CMYK	0.06, 0.00, 0.08, 0.01
HSL	105°, 83%, 95%
HSV	105°, 8%, 99%
XYZ	85.0960, 94.3109, 90.8249
YIQ	246.2350, -2.5200, -9.4000

Conversions

Conversions Part 2

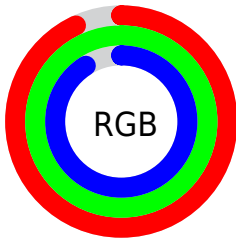
Format	Color
R _Y B	233, 253, 248
Decimal	15662569
CIE Lab	97.76, -8.43, 7.86
CIE LCh	98, 11.528, 136.985
Yxy	94.3109, 0.3149, 0.3490
Android (android.graphics.Color)	4293852649 (0xFFEEFDE9)
YUV	246.2350, -6.5249, -7.2221
Hunter-Lab	97.1138, -13.5385, 12.5292

Details

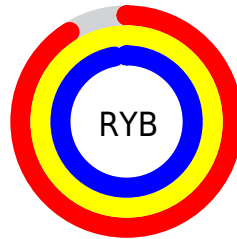
The Yxy color **94.3109, 0.3149, 0.3490** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3431, 0.3103, 0.3094**, and the grayscale version is **92.4183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5993, 0.3156, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **89.8548, 0.3175, 0.3769**, and if you desaturate by 10%, it is **98.7327, 0.3128, 0.3271**.

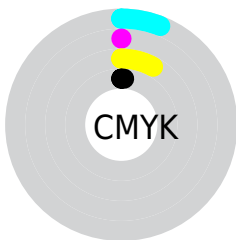
Distribution



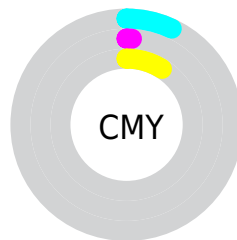
- Red (93%)
- Green (99%)
- Blue (91%)



- Red (91%)
- Yellow (99%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)





- Cyan (7%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3109, 0.3149, 0.3490 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 94.3109, 0.3149, 0.3490 by changing the saturation by 10% instead.

 94.3109, 0.3149,
0.3490

 94.3109, 0.3149,
0.3490


541.9565, 0.3140,
0.3401

 71.5616, 0.3151,
0.3510


153.3122, 0.3146,
0.3460

 52.8006, 0.3153,
0.3534


190.3330, 0.3145,
0.3448

 37.6436, 0.3156,
0.3564


232.8798, 0.3144,
0.3437

 25.7062, 0.3159,
0.3602

281.3369, 0.3143,
0.3428

 16.6040, 0.3163,
0.3653

336.0887, 0.3142,
0.3420

 9.9525, 0.3168,
0.3724

397.5197, 0.3141,

 5.3675, 0.3173,

0.3413

0.3830

466.0141, 0.3141,
0.3406

■ 2.4645, 0.3180,
0.4001

■ 0.8588, 0.3292,
0.4631

■ 94.3109, 0.3149,
0.3490

■ 94.3109, 0.3149,
0.3490

■ 89.8548, 0.3175,
0.3769

98.7327, 0.3128,
0.3271

■ 85.9293, 0.3198,
0.4075

■ 82.5178, 0.3215,
0.4401

■ 79.5984, 0.3224,
0.4736

■ 77.1472, 0.3223,
0.5065

■ 75.1385, 0.3209,
0.5366

■ 73.5438, 0.3182,
0.5616

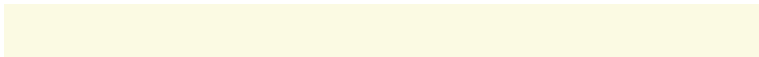
■ 72.3309, 0.3144,
0.5800

■ 71.4600, 0.3100,
0.5910

Harmonies

Analogous

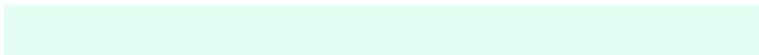
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3109, 0.3271, 0.3513



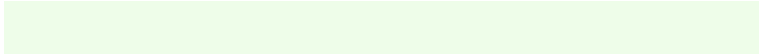
94.3109, 0.3149, 0.3490



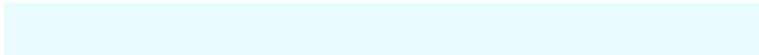
94.3109, 0.3023, 0.3410

Triad

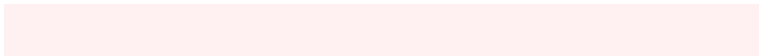
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.3109, 0.3149, 0.3490



94.3109, 0.2903, 0.3103



94.3109, 0.3332, 0.3279

Complementary

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



94.3109, 0.3149, 0.3490



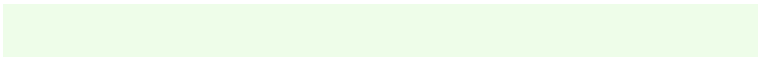
85.3431, 0.3103, 0.3094

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.



94.3109, 0.3230, 0.3175



94.3109, 0.3149, 0.3490



94.3109, 0.2982, 0.3074

Square

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



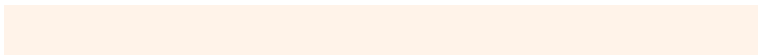
94.3109, 0.3149, 0.3490



94.3109, 0.2883, 0.3184



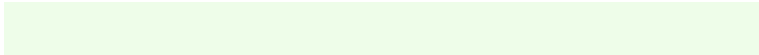
94.3109, 0.3101, 0.3100



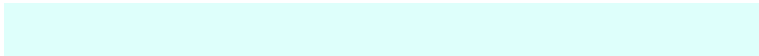
94.3109, 0.3378, 0.3388

Rectangle

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



94.3109, 0.3149, 0.3490



94.3109, 0.2954, 0.3336



94.3109, 0.3101, 0.3100



94.3109, 0.3303, 0.3242

Sweetspot

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



94.3150, 0.3149, 0.3490



98.9569, 0.3133, 0.3339



93.9076, 0.3249, 0.3437



21.1918, 0.3132, 0.3337



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.



94.3150, 0.3149, 0.3490



95.4866, 0.3152, 0.3520



93.7542, 0.3089, 0.3441



20.3868, 0.3153, 0.3533



37.9913, 0.3100, 0.5921



3.7479, 0.3176, 0.5860

Inverse Universe

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



85.3431, 0.3103, 0.3094



85.1524, 0.3099, 0.3066



85.9516, 0.3168, 0.3144



18.0590, 0.3098, 0.3053



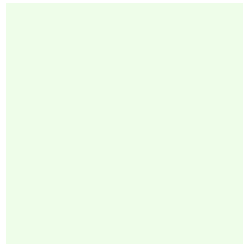
9.6635, 0.2584, 0.1197



0.9923, 0.2658, 0.1238

Previews

White Background



This preview shows how the Yxy color 94.3109, 0.3149, 0.3490 looks on a white background.

Color Contrast Check

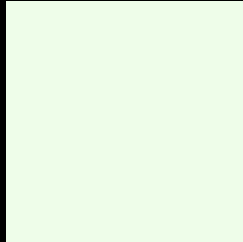
Large Text (above 18pt) WCAG AA × Fail

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 94.3109, 0.3149, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

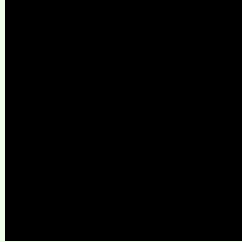
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

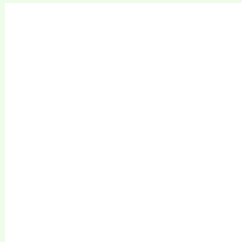
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.3109, 0.3149, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 94.3109, 0.3149, 0.3490.

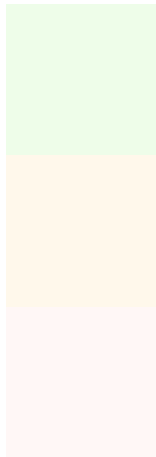


This preview shows how white text looks on a background with the Yxy color 94.3109, 0.3149, 0.3490.

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

94.3109, 0.3149, 0.3490

Protanopia

94.3930, 0.3250, 0.3417

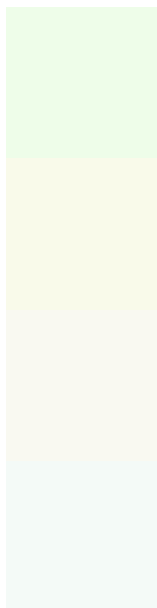
Deuteranopia

94.4353, 0.3185, 0.3300

Tritanopia

94.1290, 0.3080, 0.3222

Trichromacy



Original Color

94.3109, 0.3149, 0.3490

Protanomaly

94.4515, 0.3216, 0.3447

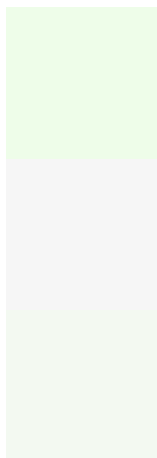
Deuteranomaly

94.2420, 0.3175, 0.3368

Tritanomaly

94.3197, 0.3107, 0.3319

Monochromacy



Original Color

94.3109, 0.3149, 0.3490

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

93.1569, 0.3136, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3109, 0.3149, 0.3490 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(238, 253, 233)` looks like.

```
.text, #text, p{  
    color:rgb(238, 253, 233)  
}
```

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(238, 253, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 253, 233) }
```

Border

The CSS property to change the border of an element to Yxy 94.3109, 0.3149, 0.3490 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(238, 253, 233) }
```

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

```
.border{ border-color:rgb(238, 253, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 253, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 253, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 253, 233);  
box-shadow:4px 4px 4px 4px rgb(238, 253,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3109, 0.3149, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 253, 233) }
```

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

```
.background{ background-color: rgb(238,  
253, 233) }
```

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