

Converting Colors

$Yxy(95.6120, 0.3107, 0.3416)$

Have a look what the booklet for
Yxy(95.6120, 0.3107, 0.3416)
contains.

Yxy(95.5852, 0.3109, 0.3419)	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(95.5852, 0.3109, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	EFFEF1
RGB	239, 254, 241
RGB Percent	94%, 100%, 95%
CMY	0.0626, 0.0039, 0.0550
CMYK	0.06, 0.00, 0.05, 0.00
HSL	128°, 88%, 97%
HSV	128°, 6%, 100%
XYZ	86.9185, 95.5852, 97.0669
YIQ	248.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

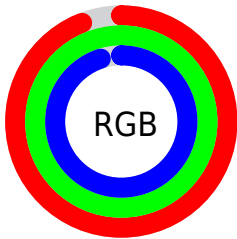
Format	Color
R _Y B	239, 252, 254
Decimal	15728369
CIE Lab	98.27, -7.21, 4.53
CIE LCh	98, 8.514, 147.887
Yxy	95.5852, 0.3109, 0.3419
Android (android.graphics.Color)	4293918449 (0xFFEFFF1)
YUV	248.0330, -3.4673, -7.9219
Hunter-Lab	97.7677, -12.4014, 9.5723

Details

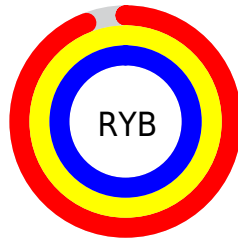
The Yxy color 95.5852, 0.3109, 0.3419 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.8509, 0.3146, 0.3164, and the grayscale version is 93.9339, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5026, 0.3104, 0.3442 is the 20% darker color. If you saturate the color by 10%, you get 90.2328, 0.3077, 0.3662, and if you desaturate by 10%, it is 99.3647, 0.3128, 0.3281.

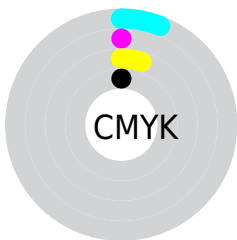
Distribution



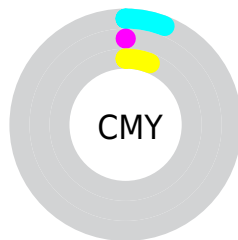
- Red (94%)
- Green (100%)
- Blue (95%)



- Red (94%)
- Yellow (99%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.5852, 0.3109, 0.3419 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 95.5852, 0.3109, 0.3419 by changing the saturation by 10% instead.

 95.5852, 0.3109,
0.3419

 95.5852, 0.3109,
0.3419


546.0367, 0.3117,
0.3362

 72.6221, 0.3107,
0.3432


155.0728, 0.3112,
0.3400

 53.6670, 0.3105,
0.3447

192.3662, 0.3113,
0.3392

 38.3355, 0.3102,
0.3466


235.2051, 0.3114,
0.3385

 26.2432, 0.3098,
0.3490

283.9739, 0.3115,
0.3379

 17.0057, 0.3093,
0.3522

339.0571, 0.3116,
0.3374

 10.2385, 0.3086,
0.3567

400.8391, 0.3116,

 5.5574, 0.3076,

0.3370

0.3632

469.7041, 0.3117,
0.3365

■ 2.5779, 0.3057,
0.3738

■ 0.9156, 0.3031,
0.3999

■ 95.5852, 0.3109,
0.3419

■ 95.5852, 0.3109,
0.3419

■ 90.2328, 0.3077,
0.3662

99.3647, 0.3128,
0.3281

■ 85.6262, 0.3046,
0.3934

■ 81.7359, 0.3016,
0.4234

■ 78.5257, 0.2989,
0.4553

■ 75.9563, 0.2967,
0.4879

■ 73.9844, 0.2954,
0.5195

■ 72.5609, 0.2950,
0.5478

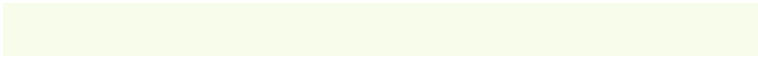
■ 71.6293, 0.2956,
0.5708

■ 71.1200, 0.2971,
0.5871

Harmonies

Analogous

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



95.5852, 0.3203, 0.3453



95.5852, 0.3109, 0.3419



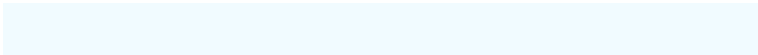
95.5852, 0.3021, 0.3349

Triad

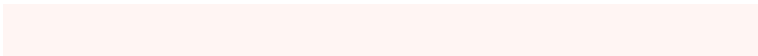
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.5852, 0.3109, 0.3419



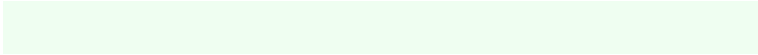
95.5852, 0.2979, 0.3140



95.5852, 0.3295, 0.3313

Complementary

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



95.5852, 0.3109, 0.3419



89.8509, 0.3146, 0.3164

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.



95.5852, 0.3233, 0.3231



95.5852, 0.3109, 0.3419



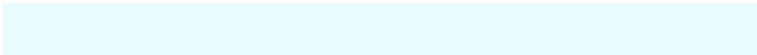
95.5852, 0.3050, 0.3133

Square

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



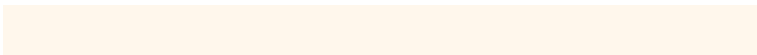
95.5852, 0.3109, 0.3419



95.5852, 0.2947, 0.3187



95.5852, 0.3143, 0.3166



95.5852, 0.3311, 0.3389

Rectangle

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



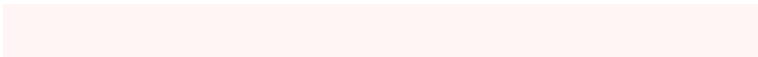
95.5852, 0.3109, 0.3419



95.5852, 0.2978, 0.3293



95.5852, 0.3143, 0.3166



95.5852, 0.3279, 0.3285

Sweetspot

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



95.5893, 0.3109, 0.3419



98.7631, 0.3121, 0.3333



97.8612, 0.3204, 0.3435



21.1523, 0.3121, 0.3331



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.



95.5893, 0.3109, 0.3419



95.8104, 0.3106, 0.3444



96.0334, 0.3068, 0.3346



20.4339, 0.3104, 0.3458



37.4405, 0.2973, 0.5901



3.6568, 0.2929, 0.5743

Inverse Universe

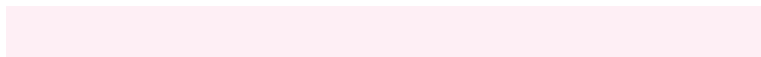
The Inverse Universe completely reimagines the original color for something new.



89.8509, 0.3146, 0.3164



88.9865, 0.3150, 0.3140



89.3977, 0.3191, 0.3234



18.8539, 0.3152, 0.3127



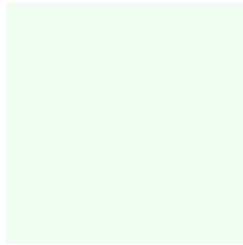
13.8751, 0.3569, 0.1739



1.3618, 0.3521, 0.1714

Previews

White Background



This preview shows how the Yxy color 95.5852, 0.3109, 0.3419 looks on a white background.

Color Contrast Check

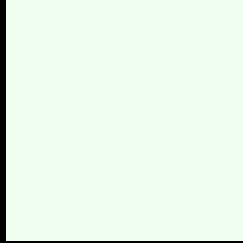
Large Text (above 18pt) WCAG AA × Fail

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 95.5852, 0.3109, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

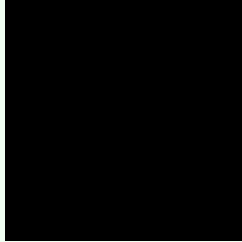
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

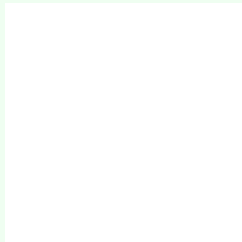
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.5852, 0.3109, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 95.5852, 0.3109, 0.3419.

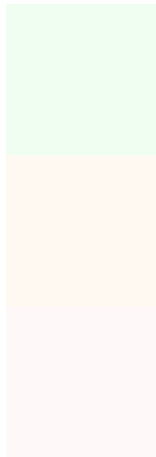


This preview shows how white text looks on a background with the Yxy color 95.5852, 0.3109, 0.3419.

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

95.5852, 0.3109, 0.3419

Protanopia

95.3622, 0.3213, 0.3367

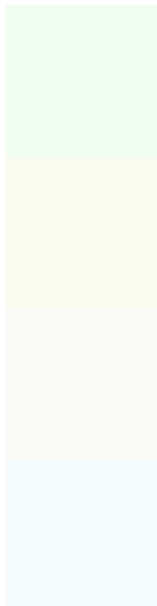
Deuteranopia

95.2344, 0.3166, 0.3281

Tritanopia

95.5477, 0.3086, 0.3242

Trichromacy



Original Color

95.5852, 0.3109, 0.3419

Protanomaly

95.4850, 0.3173, 0.3388

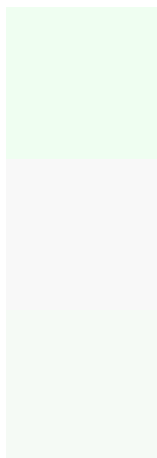
Deuteranomaly

95.1648, 0.3144, 0.3329

Tritanomaly

95.3090, 0.3095, 0.3300

Monochromacy



Original Color

95.5852, 0.3109, 0.3419

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.3763, 0.3125, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.5852, 0.3109, 0.3419 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, 254, 241)` looks like.

```
.text, #text, p{  
    color:rgb(239, 254, 241)  
}
```

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, 254, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 254, 241) }
```

Border

The CSS property to change the border of an element to Yxy 95.5852, 0.3109, 0.3419 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, 254, 241) }
```

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

```
.border{ border-color:rgb(239, 254, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 254, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 254, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 254, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 254,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5852, 0.3109, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 254, 241) }
```

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

```
.background{ background-color: rgb(239,  
254, 241) }
```

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