

Converting Colors

Yxy(94.4399, 0.3120, 0.3425)

Have a look what the booklet for
Yxy(94.4399, 0.3120, 0.3425)
contains.

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Color

Yxy(94.2035, 0.3121, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	EFFCEF
RGB	239, 252, 239
RGB Percent	94%, 99%, 94%
CMY	0.0627, 0.0118, 0.0626
CMYK	0.05, 0.00, 0.05, 0.01
HSL	120°, 68%, 96%
HSV	120°, 5%, 99%
XYZ	85.9927, 94.2035, 95.3332
YIQ	246.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

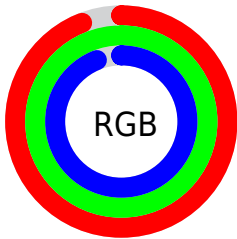
Format	Color
R _{YB}	239, 252, 252
Decimal	15727855
CIE Lab	97.71, -6.56, 4.72
CIE LCh	98, 8.081, 144.219
Yxy	94.2035, 0.3121, 0.3419
Android (android.graphics.Color)	4293917935 (0xFFEFFCEF)
YUV	246.6310, -3.7621, -6.6924
Hunter-Lab	97.0585, -11.7034, 9.7049

Details

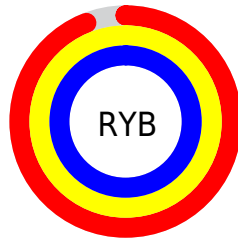
The Yxy color **94.2035, 0.3121, 0.3419** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.4626, 0.3133, 0.3164**, and the grayscale version is **92.7350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5164, 0.3120, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **88.7369, 0.3108, 0.3696**, and if you desaturate by 10%, it is **98.1011, 0.3128, 0.3262**.

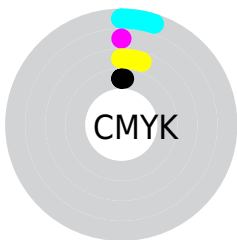
Distribution



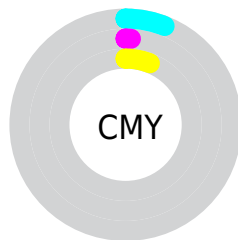
- Red (94%)
- Green (99%)
- Blue (94%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.2035, 0.3121, 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 94.2035, 0.3121, 0.3419 by changing the saturation by 10% instead.

 94.2035, 0.3121,
0.3419

 94.2035, 0.3121,
0.3419


541.6119, 0.3124,
0.3362

 71.4722, 0.3120,
0.3432


153.1638, 0.3122,
0.3399

 52.7277, 0.3119,
0.3447


190.1615, 0.3122,
0.3392

 37.5854, 0.3118,
0.3466


232.6836, 0.3123,
0.3385

 25.6611, 0.3117,
0.3491

281.1143, 0.3123,
0.3379

 16.5703, 0.3115,
0.3523

335.8381, 0.3123,
0.3374

 9.9286, 0.3111,
0.3568

397.2394, 0.3124,

 5.3516, 0.3106,

0.3369

0.3635

465.7025, 0.3124,
0.3365

■ 2.4550, 0.3097,
0.3743

■ 0.8540, 0.3096,
0.4057

■ 94.2035, 0.3121,
0.3419

■ 94.2035, 0.3121,
0.3419

■ 88.7369, 0.3108,
0.3696

■ 98.1011, 0.3128,
0.3262

■ 84.0512, 0.3093,
0.4009

■ 80.1145, 0.3077,
0.4351

■ 76.8879, 0.3060,
0.4711

■ 74.3292, 0.3043,
0.5070

■ 72.3917, 0.3027,
0.5401

■ 71.0224, 0.3015,
0.5675

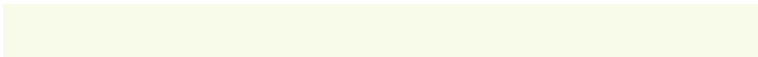
■ 70.1600, 0.3006,
0.5869

■ 69.7286, 0.3001,
0.5973

Harmonies

Analogous

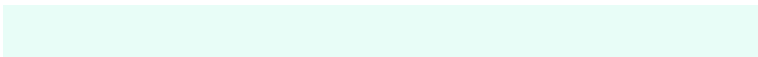
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2035, 0.3209, 0.3446



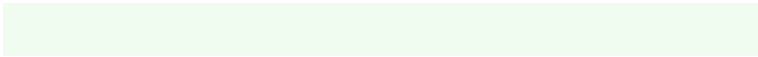
94.2035, 0.3121, 0.3419



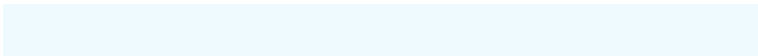
94.2035, 0.3035, 0.3356

Triad

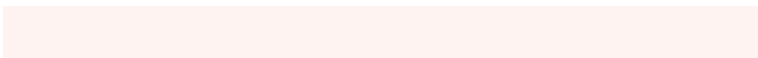
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.2035, 0.3121, 0.3419



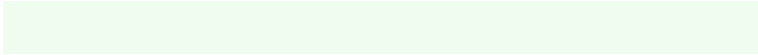
94.2035, 0.2980, 0.3151



94.2035, 0.3282, 0.3302

Complementary

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



94.2035, 0.3121, 0.3419



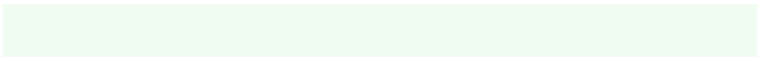
89.4626, 0.3133, 0.3164

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.



94.2035, 0.3219, 0.3225



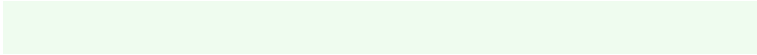
94.2035, 0.3121, 0.3419



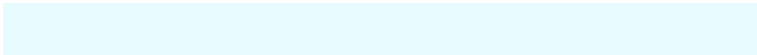
94.2035, 0.3044, 0.3139

Square

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



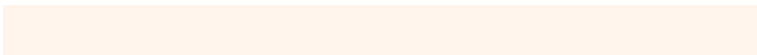
94.2035, 0.3121, 0.3419



94.2035, 0.2954, 0.3200



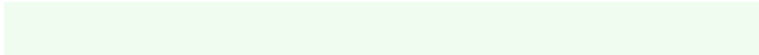
94.2035, 0.3132, 0.3166



94.2035, 0.3303, 0.3377

Rectangle

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



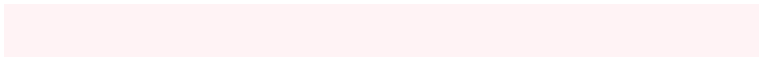
94.2035, 0.3121, 0.3419



94.2035, 0.2991, 0.3303



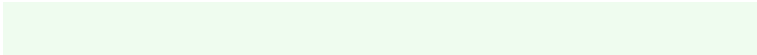
94.2035, 0.3132, 0.3166



94.2035, 0.3265, 0.3276

Sweetspot

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



94.2075, 0.3121, 0.3419



98.7218, 0.3125, 0.3339



96.5493, 0.3203, 0.3416



21.1439, 0.3125, 0.3337



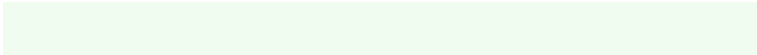
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

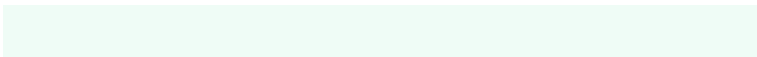
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.2075, 0.3121, 0.3419



96.2675, 0.3120, 0.3441



94.5974, 0.3084, 0.3354



19.6475, 0.3119, 0.3458



36.2668, 0.3000, 0.5999



3.3591, 0.2999, 0.5997

Inverse Universe

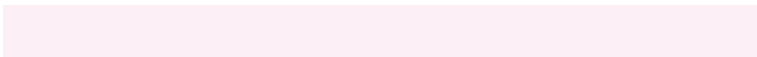
The Inverse Universe completely reimagines the original color for something new.



89.4626, 0.3133, 0.3164



90.6224, 0.3134, 0.3143



89.0589, 0.3173, 0.3227



18.3731, 0.3135, 0.3127



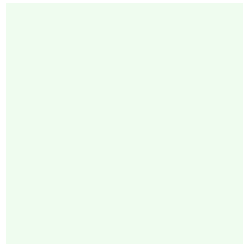
14.4307, 0.3213, 0.1543



1.3367, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 94.2035, 0.3121, 0.3419 looks on a white background.

Color Contrast Check

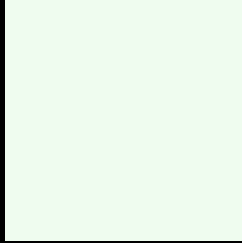
Large Text (above 18pt) WCAG AA × Fail

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 94.2035, 0.3121, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

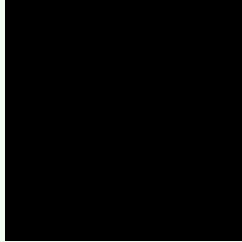
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

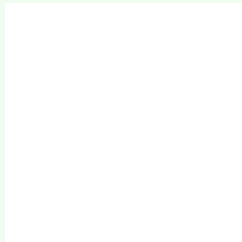
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.2035, 0.3121, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 94.2035, 0.3121, 0.3419.

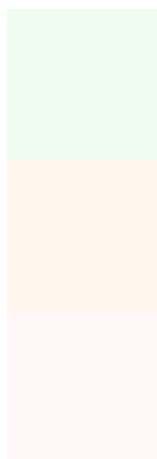


This preview shows how white text looks on a background with the Yxy color 94.2035, 0.3121, 0.3419.

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

94.2035, 0.3121, 0.3419

Protanopia

93.8960, 0.3239, 0.3387

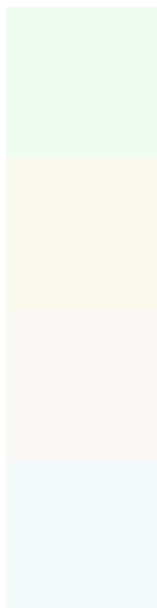
Deuteranopia

93.8869, 0.3179, 0.3281

Tritanopia

94.1290, 0.3080, 0.3222

Trichromacy



Original Color

94.2035, 0.3121, 0.3419

Protanomaly

94.0641, 0.3192, 0.3398

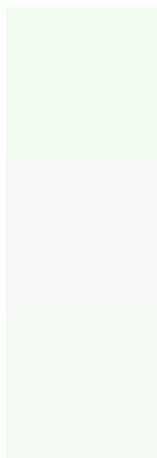
Deuteranomaly

93.8062, 0.3157, 0.3329

Tritanomaly

93.8240, 0.3096, 0.3290

Monochromacy



Original Color

94.2035, 0.3121, 0.3419

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.5161, 0.3125, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2035, 0.3121, 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, 252, 239)` looks like.

```
.text, #text, p{  
    color:rgb(239, 252, 239)  
}
```

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, 252, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 252, 239) }
```

Border

The CSS property to change the border of an element to Yxy 94.2035, 0.3121, 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, 252, 239) }
```

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

```
.border{ border-color:rgb(239, 252, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 252, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 252, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 252, 239);  
box-shadow:4px 4px 4px 4px rgb(239, 252,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2035, 0.3121, 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, 252, 239) }
```

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

```
.background{ background-color: rgb(239,  
252, 239) }
```

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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