

Converting Colors

$Yxy(94.2678, 0.3140, 0.3408)$

Have a look what the booklet for
Yxy(94.2678, 0.3140, 0.3408)
contains.

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Color

Yxy(94.1036, 0.3141, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	F2FBEF
RGB	242, 251, 239
RGB Percent	95%, 98%, 94%
CMY	0.0508, 0.0157, 0.0628
CMYK	0.04, 0.00, 0.05, 0.02
HSL	105°, 60%, 96%
HSV	105°, 5%, 98%
XYZ	86.7056, 94.1036, 95.2354
YIQ	246.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

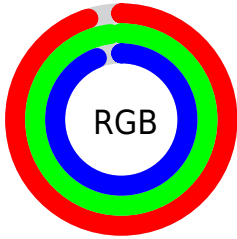
Format	Color
R _Y B	239, 251, 248
Decimal	15924207
CIE Lab	97.67, -5.05, 4.72
CIE LCh	98, 6.913, 136.927
Yxy	94.1036, 0.3141, 0.3409
Android (android.graphics.Color)	4294114287 (0xFF2FB2E7)
YUV	246.9410, -3.9149, -4.3333
Hunter-Lab	97.0070, -10.2176, 9.6977

Details

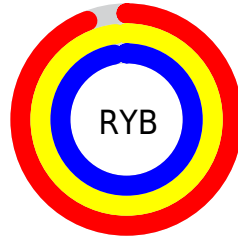
The Yxy color 94.1036, 0.3141, 0.3409 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6245, 0.3113, 0.3172, and the grayscale version is 93.0023, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.8882, 0.3144, 0.3442 is the 20% darker color. If you saturate the color by 10%, you get 89.5881, 0.3169, 0.3679, and if you desaturate by 10%, it is 97.4702, 0.3129, 0.3252.

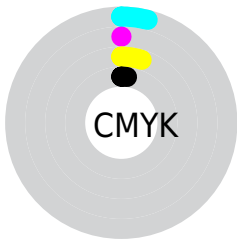
Distribution



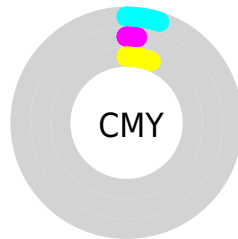
- Red (95%)
- Green (98%)
- Blue (94%)



- Red (94%)
- Yellow (98%)
- Blue (97%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1036, 0.3141, 0.3409 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 94.1036, 0.3141, 0.3409 by changing the saturation by 10% instead.


 94.1036, 0.3141,
0.3409

 94.1036, 0.3141,
0.3409


541.2913, 0.3135,
0.3356

 71.3891, 0.3142,
0.3421


153.0256, 0.3139,
0.3391

 52.6598, 0.3144,
0.3435


190.0019, 0.3138,
0.3384

 37.5313, 0.3146,
0.3452


232.5010, 0.3138,
0.3378

 25.6191, 0.3148,
0.3475

280.9072, 0.3137,
0.3372

 16.5389, 0.3151,
0.3505

335.6049, 0.3136,
0.3368

 9.9063, 0.3154,
0.3546

396.9786, 0.3136,

 5.3369, 0.3160,

0.3363

0.3607

465.4126, 0.3136,
0.3360

■ 2.4462, 0.3167,
0.3705

■ 0.8495, 0.3214,
0.3991

■ 94.1036, 0.3141,
0.3409

■ 94.1036, 0.3141,
0.3409

■ 89.5881, 0.3169,
0.3679

■ 97.4702, 0.3129,
0.3252

■ 85.5933, 0.3194,
0.3976

■ 82.1037, 0.3214,
0.4296

■ 79.0985, 0.3227,
0.4629

■ 76.5553, 0.3230,
0.4961

■ 74.4498, 0.3221,
0.5272

■ 72.7556, 0.3198,
0.5540

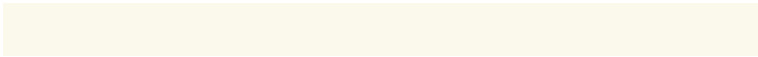
■ 71.4427, 0.3163,
0.5746

■ 70.4764, 0.3119,
0.5879

Harmonies

Analogous

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



94.1036, 0.3214, 0.3423



94.1036, 0.3141, 0.3409



94.1036, 0.3065, 0.3362

Triad

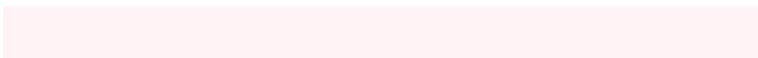
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.1036, 0.3141, 0.3409



94.1036, 0.2992, 0.3178



94.1036, 0.3249, 0.3284

Complementary

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



94.1036, 0.3141, 0.3409



88.6245, 0.3113, 0.3172

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.



94.1036, 0.3189, 0.3220



94.1036, 0.3141, 0.3409



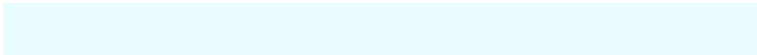
94.1036, 0.3040, 0.3160

Square

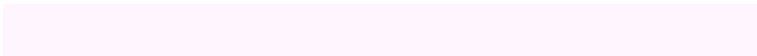
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



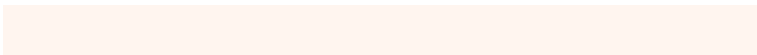
94.1036, 0.3141, 0.3409



94.1036, 0.2980, 0.3227



94.1036, 0.3112, 0.3175



94.1036, 0.3277, 0.3350

Rectangle

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



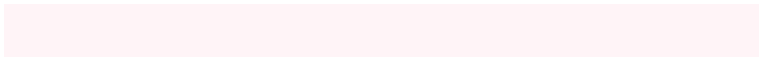
94.1036, 0.3141, 0.3409



94.1036, 0.3023, 0.3318



94.1036, 0.3112, 0.3175



94.1036, 0.3232, 0.3262

Sweetspot

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



94.1076, 0.3141, 0.3409



99.4789, 0.3130, 0.3314



93.7435, 0.3200, 0.3376



21.2981, 0.3130, 0.3313



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.



94.1076, 0.3141, 0.3409



96.9585, 0.3144, 0.3440



93.7343, 0.3105, 0.3381



19.8030, 0.3146, 0.3457



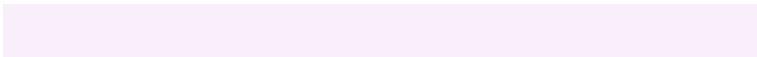
36.9029, 0.3105, 0.5916



3.4662, 0.3187, 0.5852

Inverse Universe

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



88.6245, 0.3113, 0.3172



89.8879, 0.3109, 0.3142



89.0161, 0.3150, 0.3200



18.2067, 0.3106, 0.3126



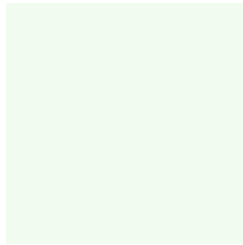
9.2679, 0.2568, 0.1188



0.9089, 0.2647, 0.1232

Previews

White Background



This preview shows how the Yxy color 94.1036, 0.3141, 0.3409 looks on a white background.

Color Contrast Check

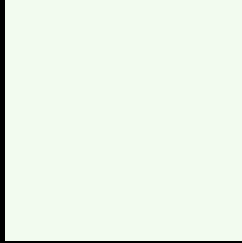
Large Text (above 18pt) WCAG AA × Fail

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 94.1036, 0.3141, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

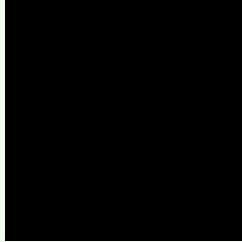
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

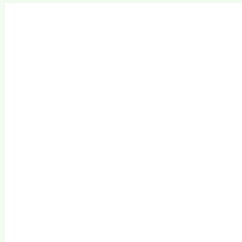
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1036, 0.3141, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 94.1036, 0.3141, 0.3409.

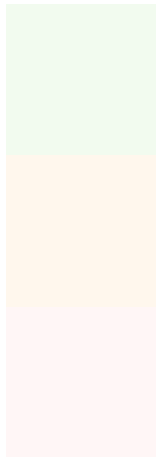


This preview shows how white text looks on a background with the Yxy color 94.1036, 0.3141, 0.3409.

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

94.1036, 0.3141, 0.3409

Protanopia

93.8960, 0.3239, 0.3387

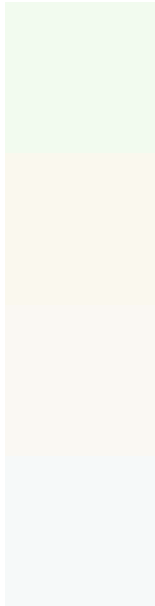
Deuteranopia

93.8254, 0.3185, 0.3290

Tritanopia

94.3113, 0.3086, 0.3222

Trichromacy



Original Color

94.1036, 0.3141, 0.3409

Protanomaly

93.6318, 0.3200, 0.3388

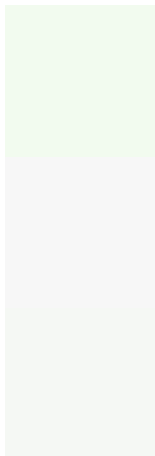
Deuteranomaly

93.9299, 0.3170, 0.3339

Tritanomaly

94.1837, 0.3108, 0.3290

Monochromacy



Original Color

94.1036, 0.3141, 0.3409

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.0789, 0.3132, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1036, 0.3141, 0.3409 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(242, 251, 239)` looks like.

```
.text, #text, p{  
    color:rgb(242, 251, 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(242, 251, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 251, 239) }
```

Border

The CSS property to change the border of an element to Yxy 94.1036, 0.3141, 0.3409 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(242, 251, 239) }
```

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

```
.border{ border-color:rgb(242, 251, 239) }
```

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

Here you see how a box with a 4 pixel rgb(242, 251, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 251, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 251, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 251,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1036, 0.3141, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 251, 239) }
```

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

```
.background{ background-color: rgb(242,  
251, 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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