

Converting Colors

$Yxy(93.8005, 0.3160, 0.3429)$

Have a look what the booklet for
Yxy(93.8005, 0.3160, 0.3429)
contains.

| | |
|--|----|
| Yxy(94.1635, 0.3159, 0.3429) | 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(94.1635, 0.3159, 0.3429)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3FBED |
| RGB | 243, 251, 237 |
| RGB Percent | 95%, 98%, 93% |
| CMY | 0.0469, 0.0157, 0.0707 |
| CMYK | 0.03, 0.00, 0.06, 0.02 |
| HSL | 94°, 64%, 96% |
| HSV | 94°, 6%, 98% |
| XYZ | 86.7491, 94.1635, 93.6967 |
| YIQ | 247.0120, -0.2740, -6.0500 |

Conversions

Conversions Part 2

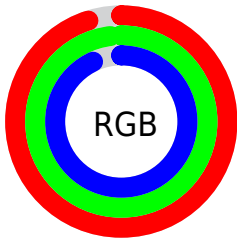
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 237, 251, 245 |
| Decimal | 15989741 |
| CIE Lab | 97.70, -5.07, 5.80 |
| CIE LCh | 98, 7.704, 131.182 |
| Yxy | 94.1635, 0.3159, 0.3429 |
| Android (android.graphics.Color) | 4294179821 (0xFFFF3FBED) |
| YUV | 247.0120, -4.9359, -3.5185 |
| Hunter-Lab | 97.0379, -10.2425, 10.6780 |

Details

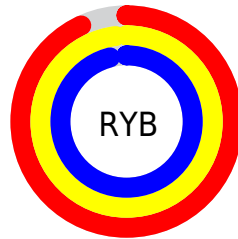
The Yxy color 94.1635, 0.3159, 0.3429 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.9146, 0.3094, 0.3152, and the grayscale version is 93.0677, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9312, 0.3167, 0.3467 is the 20% darker color. If you saturate the color by 10%, you get 90.3633, 0.3215, 0.3696, and if you desaturate by 10%, it is 97.4747, 0.3129, 0.3252.

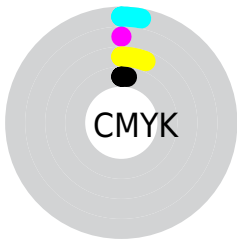
Distribution



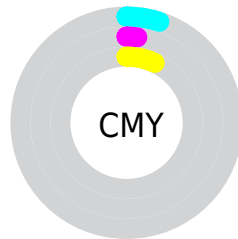
- Red (95%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (96%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.1635, 0.3159, 0.3429 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 94.1635, 0.3159, 0.3429 by changing the saturation by 10% instead.


 94.1635, 0.3159,
0.3429

 94.1635, 0.3159,
0.3429

541.4835, 0.3145,
0.3367

 71.4390, 0.3162,
0.3443


153.1084, 0.3154,
0.3408

 52.7005, 0.3166,
0.3459


190.0976, 0.3153,
0.3400

 37.5637, 0.3170,
0.3480


232.6105, 0.3151,
0.3392

 25.6443, 0.3175,
0.3506

281.0314, 0.3150,
0.3386

 16.5577, 0.3182,
0.3541

335.7448, 0.3148,
0.3381

 9.9196, 0.3192,
0.3589

397.1350, 0.3147,

 5.3457, 0.3205,

0.3376

0.3660

465.5864, 0.3146,
0.3371

■ 2.4515, 0.3226,
0.3776

■ 0.8522, 0.3329,
0.4135

■ 94.1635, 0.3159,
0.3429

■ 94.1635, 0.3159,
0.3429

■ 90.3633, 0.3215,
0.3696

■ 97.4747, 0.3129,
0.3252

■ 86.9484, 0.3269,
0.3985

■ 83.9091, 0.3317,
0.4290

■ 81.2307, 0.3356,
0.4602

■ 78.8978, 0.3381,
0.4907

■ 76.8933, 0.3388,
0.5190

■ 75.1983, 0.3375,
0.5432

■ 73.7917, 0.3342,
0.5621

■ 72.6481, 0.3291,
0.5748

Harmonies

Analogous

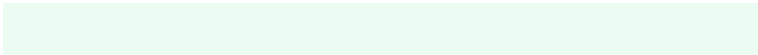
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1635, 0.3237, 0.3437



94.1635, 0.3159, 0.3429



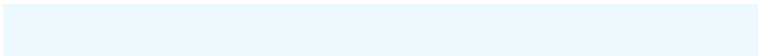
94.1635, 0.3073, 0.3382

Triad

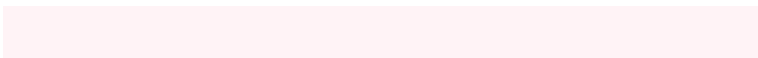
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.1635, 0.3159, 0.3429



94.1635, 0.2971, 0.3174



94.1635, 0.3253, 0.3269

Complementary

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



94.1635, 0.3159, 0.3429



86.9146, 0.3094, 0.3152

Split Complementary

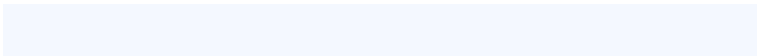
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1635, 0.3180, 0.3201



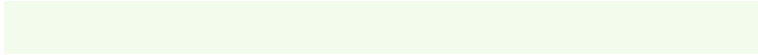
94.1635, 0.3159, 0.3429



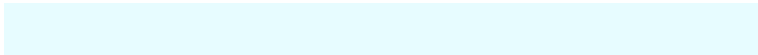
94.1635, 0.3017, 0.3146

Square

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



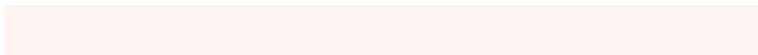
94.1635, 0.3159, 0.3429



94.1635, 0.2965, 0.3233



94.1635, 0.3094, 0.3156



94.1635, 0.3292, 0.3343

Rectangle

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



94.1635, 0.3159, 0.3429



94.1635, 0.3023, 0.3336



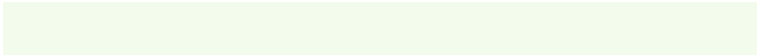
94.1635, 0.3094, 0.3156



94.1635, 0.3231, 0.3244

Sweetspot

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



94.1676, 0.3159, 0.3429



99.1308, 0.3139, 0.3339



91.8776, 0.3215, 0.3368



21.2272, 0.3138, 0.3336



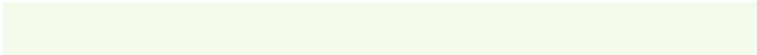
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



94.1676, 0.3159, 0.3429



97.0314, 0.3167, 0.3465



93.1607, 0.3115, 0.3421



19.8327, 0.3170, 0.3481



38.0403, 0.3278, 0.5779



3.5845, 0.3370, 0.5706

Inverse Universe

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



86.9146, 0.3094, 0.3152



87.7013, 0.3085, 0.3116



87.9643, 0.3139, 0.3162



17.7686, 0.3081, 0.3100



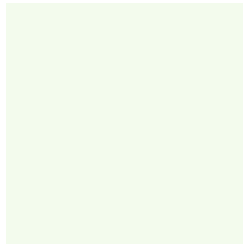
6.7957, 0.2160, 0.0964



0.6920, 0.2280, 0.1030

Previews

White Background



This preview shows how the Yxy color 94.1635, 0.3159, 0.3429 looks on a white background.

Color Contrast Check

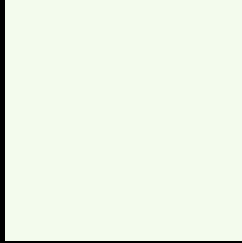
Large Text (above 18pt) WCAG AA × Fail

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 94.1635, 0.3159, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

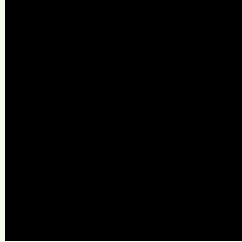
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

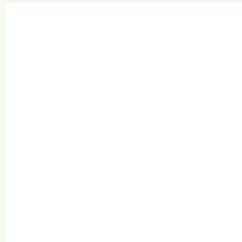
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1635, 0.3159, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 94.1635, 0.3159, 0.3429.

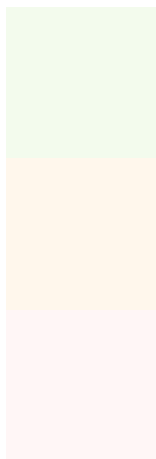


This preview shows how white text looks on a background with the Yxy color 94.1635, 0.3159, 0.3429.

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

94.1635, 0.3159, 0.3429

Protanopia

93.8377, 0.3245, 0.3397

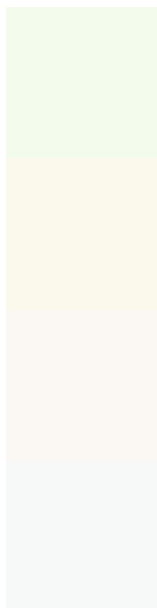
Deuteranopia

93.8254, 0.3185, 0.3290

Tritanopia

94.3113, 0.3086, 0.3222

Trichromacy



Original Color

94.1635, 0.3159, 0.3429

Protanomaly

93.7002, 0.3218, 0.3408

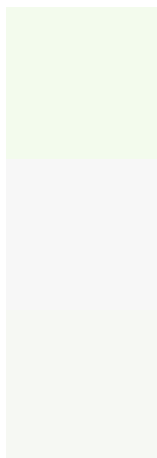
Deuteranomaly

94.1151, 0.3176, 0.3339

Tritanomaly

94.1215, 0.3114, 0.3300

Monochromacy



Original Color

94.1635, 0.3159, 0.3429

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.1987, 0.3144, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1635, 0.3159, 0.3429 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(243, 251, 237)` looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 237)  
}
```

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(243, 251, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 237) }
```

Border

The CSS property to change the border of an element to Yxy 94.1635, 0.3159, 0.3429 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(243, 251, 237) }
```

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

```
.border{ border-color:rgb(243, 251, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 251, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 251, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 251, 237);  
box-shadow:4px 4px 4px 4px rgb(243, 251,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1635, 0.3159, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 251, 237) }
```

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

```
.background{ background-color: rgb(243,  
251, 237) }
```

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