

Converting Colors

$Yxy(94.8345, 0.3168, 0.3489)$

Have a look what the booklet for
Yxy(94.8345, 0.3168, 0.3489)
contains.

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Color

Yxy(94.8345, 0.3168, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	F1FDE9
RGB	241, 253, 233
RGB Percent	95%, 99%, 91%
CMY	0.0549, 0.0078, 0.0862
CMYK	0.05, 0.00, 0.08, 0.01
HSL	96°, 83%, 95%
HSV	96°, 8%, 99%
XYZ	86.1094, 94.8345, 90.8661
YIQ	247.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

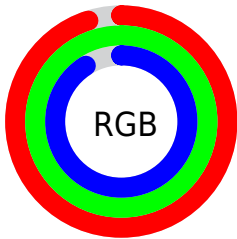
Format	Color
R _Y B	233, 253, 245
Decimal	15859177
CIE Lab	97.97, -7.43, 8.20
CIE LCh	98, 11.063, 132.183
Yxy	94.8345, 0.3168, 0.3489
Android (android.graphics.Color)	4294049257 (0xFFFF1FDE9)
YUV	247.1320, -6.9671, -5.3778
Hunter-Lab	97.3830, -12.5844, 12.8458

Details

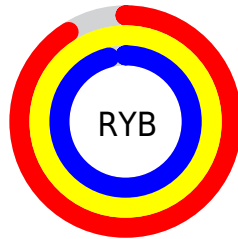
The Yxy color **94.8345, 0.3168, 0.3489** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.7941, 0.3083, 0.3093**, and the grayscale version is **93.1859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.9685, 0.3180, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **90.9309, 0.3219, 0.3763**, and if you desaturate by 10%, it is **98.7342, 0.3128, 0.3271**.

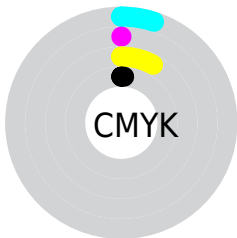
Distribution



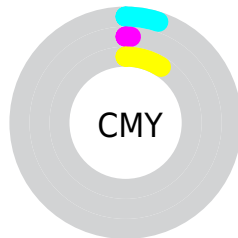
- Red (95%)
- Green (99%)
- Blue (91%)



- Red (91%)
- Yellow (99%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)




- Cyan (5%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.8345, 0.3168, 0.3489 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 94.8345, 0.3168, 0.3489 by changing the saturation by 10% instead.


 94.8345, 0.3168,
0.3489

 94.8345, 0.3168,
0.3489

543.6350, 0.3151,
0.3400

 71.9972, 0.3172,
0.3509

154.0359, 0.3162,
0.3459

 53.1564, 0.3176,
0.3532

191.1689, 0.3160,
0.3447

 37.9277, 0.3182,
0.3562

233.8359, 0.3158,
0.3436

 25.9265, 0.3188,
0.3600

282.4213, 0.3156,
0.3427

 16.7687, 0.3197,
0.3651

337.3095, 0.3154,
0.3419

 10.0697, 0.3208,
0.3720

398.8850, 0.3153,

 5.4452, 0.3223,

0.3412

0.3823

467.5320, 0.3152,
0.3406

■ 2.5108, 0.3245,
0.3991

■ 0.8820, 0.3411,
0.4579

■ 94.8345, 0.3168,
0.3489

■ 94.8345, 0.3168,
0.3489

■ 90.9309, 0.3219,
0.3763

98.7342, 0.3128,
0.3271

■ 87.4394, 0.3266,
0.4058

■ 84.3491, 0.3307,
0.4369

■ 81.6440, 0.3337,
0.4685

■ 79.3067, 0.3354,
0.4992

■ 77.3186, 0.3353,
0.5273

■ 75.6588, 0.3332,
0.5508

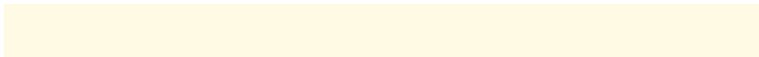
■ 74.3035, 0.3293,
0.5686

■ 73.2229, 0.3239,
0.5800

Harmonies

Analogous

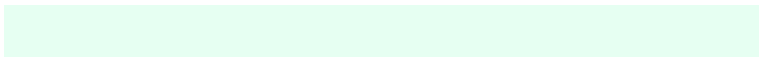
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8345, 0.3281, 0.3502



94.8345, 0.3168, 0.3489



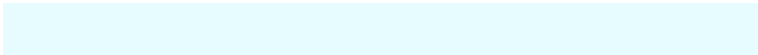
94.8345, 0.3046, 0.3420

Triad

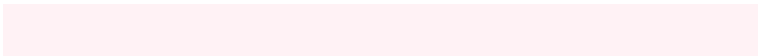
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.8345, 0.3168, 0.3489



94.8345, 0.2905, 0.3121



94.8345, 0.3310, 0.3263

Complementary

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



94.8345, 0.3168, 0.3489



84.7941, 0.3083, 0.3093

Split Complementary

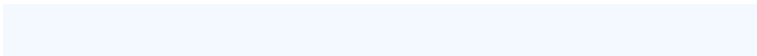
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8345, 0.3206, 0.3166



94.8345, 0.3168, 0.3489



94.8345, 0.2973, 0.3084

Square

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



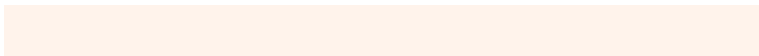
94.8345, 0.3168, 0.3489



94.8345, 0.2896, 0.3204



94.8345, 0.3083, 0.3101



94.8345, 0.3365, 0.3368

Rectangle

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



94.8345, 0.3168, 0.3489



94.8345, 0.2975, 0.3352



94.8345, 0.3083, 0.3101



94.8345, 0.3280, 0.3228

Sweetspot

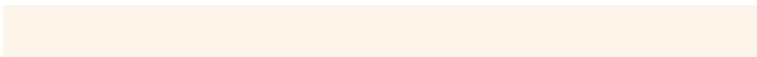
The Sweet Spot groups the original color and five complimentary colors.



94.8386, 0.3168, 0.3489



99.0995, 0.3138, 0.3339



92.0779, 0.3252, 0.3408



21.2208, 0.3137, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

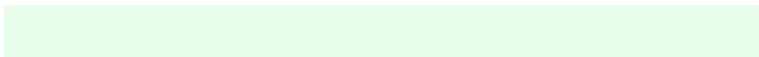
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.8386, 0.3168, 0.3489



96.0878, 0.3174, 0.3518



93.5790, 0.3106, 0.3471



20.5221, 0.3176, 0.3531



38.9229, 0.3239, 0.5810



3.8512, 0.3327, 0.5741

Inverse Universe

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



84.7941, 0.3083, 0.3093



84.5242, 0.3077, 0.3064



86.1347, 0.3149, 0.3115



17.9173, 0.3074, 0.3051



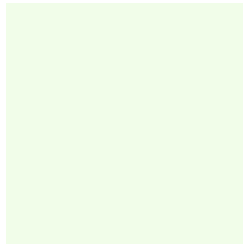
7.4085, 0.2231, 0.1003



0.7849, 0.2340, 0.1063

Previews

White Background



This preview shows how the Yxy color 94.8345, 0.3168, 0.3489 looks on a white background.

Color Contrast Check

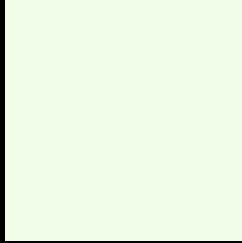
Large Text (above 18pt) WCAG AA × Fail

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 94.8345, 0.3168, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

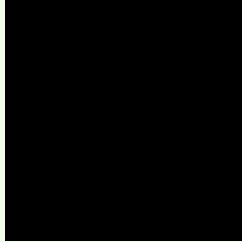
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

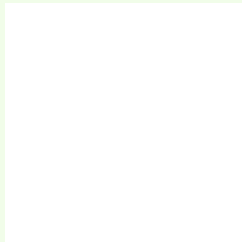
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.8345, 0.3168, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 94.8345, 0.3168, 0.3489.

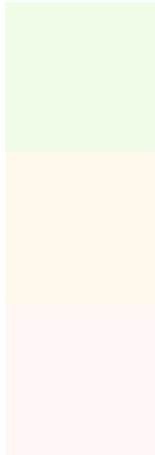


This preview shows how white text looks on a background with the Yxy color 94.8345, 0.3168, 0.3489.

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

94.8345, 0.3168, 0.3489

Protanopia

94.4509, 0.3244, 0.3407

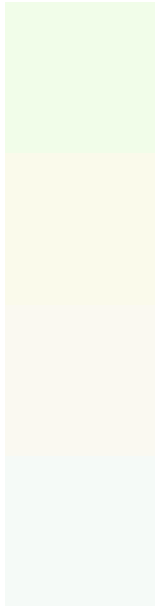
Deuteranopia

94.4353, 0.3185, 0.3300

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

94.8345, 0.3168, 0.3489

Protanomaly

94.6934, 0.3216, 0.3437

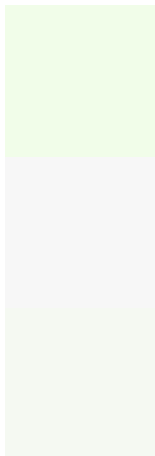
Deuteranomaly

94.4262, 0.3181, 0.3368

Tritanomaly

94.4991, 0.3113, 0.3319

Monochromacy



Original Color

94.8345, 0.3168, 0.3489

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.5746, 0.3143, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8345, 0.3168, 0.3489 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(241, 253, 233)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 253, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 253, 233) }
```

Border

The CSS property to change the border of an element to Yxy 94.8345, 0.3168, 0.3489 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(241, 253, 233) }
```

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

```
.border{ border-color:rgb(241, 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(241, 253, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 253, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 253, 233);  
box-shadow:4px 4px 4px 4px rgb(241, 253,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8345, 0.3168, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 253, 233) }
```

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

```
.background{ background-color: rgb(241,  
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](#).

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