

Converting Colors

$Yxy(94.3071, 0.3183, 0.3410)$

Have a look what the booklet for
Yxy(94.3071, 0.3183, 0.3410)
contains.

Yxy(94.3184, 0.3179, 0.3408)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.3184, 0.3179, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	F7FAEE
RGB	247, 250, 238
RGB Percent	97%, 98%, 93%
CMY	0.0313, 0.0196, 0.0667
CMYK	0.01, 0.00, 0.05, 0.02
HSL	75°, 55%, 96%
HSV	75°, 5%, 98%
XYZ	87.9807, 94.3184, 94.4568
YIQ	247.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

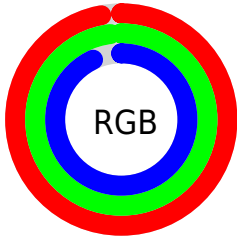
Format	Color
R _Y B	238, 250, 241
Decimal	16251630
CIE Lab	97.76, -3.06, 5.39
CIE LCh	98, 6.199, 119.546
Yxy	94.3184, 0.3179, 0.3408
Android (android.graphics.Color)	4294441710 (0xFF7FAEE)
YUV	247.7350, -4.7994, -0.6446
Hunter-Lab	97.1177, -8.2494, 10.3168

Details

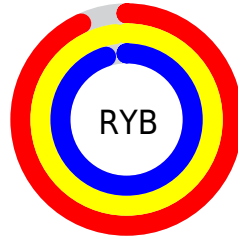
The Yxy color 94.3184, 0.3179, 0.3408 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.7497, 0.3074, 0.3171, and the grayscale version is 93.6850, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.0373, 0.3193, 0.3440 is the 20% darker color. If you saturate the color by 10%, you get 91.8429, 0.3289, 0.3665, and if you desaturate by 10%, it is 96.5176, 0.3118, 0.3242.

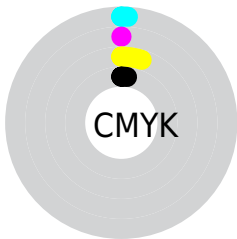
Distribution



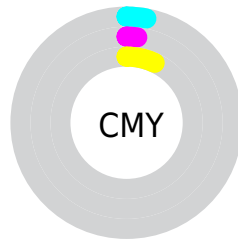
- Red (97%)
- Green (98%)
- Blue (93%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)





- Cyan (3%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.3184, 0.3179, 0.3408 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 94.3184, 0.3179, 0.3408 by changing the saturation by 10% instead.

 94.3184, 0.3179,
0.3408

 94.3184, 0.3179,
0.3408

541.9806, 0.3156,
0.3356

 71.5678, 0.3184,
0.3419


153.3226, 0.3171,
0.3390

 52.8057, 0.3190,
0.3433

190.3450, 0.3168,
0.3383

 37.6477, 0.3197,
0.3451


232.8935, 0.3166,
0.3377

 25.7094, 0.3207,
0.3473

281.3524, 0.3163,
0.3372

 16.6063, 0.3219,
0.3502

336.1062, 0.3161,
0.3367

 9.9542, 0.3235,
0.3542

397.5392, 0.3159,

 5.3686, 0.3259,

0.3363

0.3601

466.0359, 0.3158,
0.3359

■ 2.4651, 0.3297,
0.3697

■ 0.8591, 0.3436,
0.3978

■ 94.3184, 0.3179,
0.3408

■ 94.3184, 0.3179,
0.3408

■ 91.8429, 0.3289,
0.3665

■ 96.5176, 0.3118,
0.3242

■ 89.5963, 0.3398,
0.3933

■ 96.8516, 0.3129,
0.3242

■ 87.5733, 0.3502,
0.4206

■ 85.7640, 0.3597,
0.4474

■ 84.1575, 0.3677,
0.4727

■ 82.7417, 0.3737,
0.4951

■ 81.5034, 0.3773,
0.5138

■ 80.4267, 0.3783,
0.5278

■ 79.4927, 0.3767,
0.5369

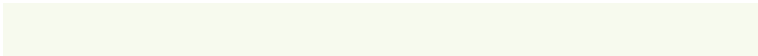
Harmonies

Analogous

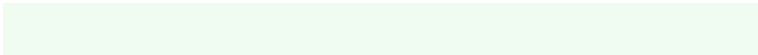
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3184, 0.3234, 0.3402



94.3184, 0.3179, 0.3408



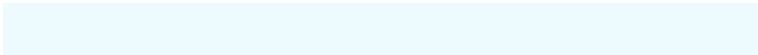
94.3184, 0.3110, 0.3382

Triad

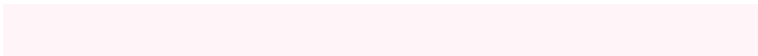
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.3184, 0.3179, 0.3408



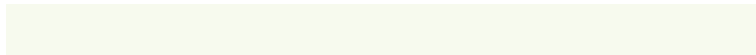
94.3184, 0.2995, 0.3213



94.3184, 0.3208, 0.3250

Complementary

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



94.3184, 0.3179, 0.3408



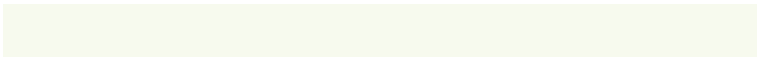
86.7497, 0.3074, 0.3171

Split Complementary

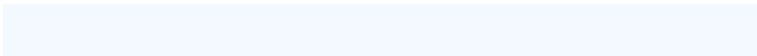
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3184, 0.3143, 0.3201



94.3184, 0.3179, 0.3408



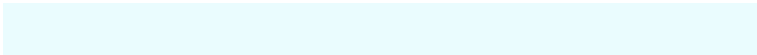
94.3184, 0.3021, 0.3179

Square

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



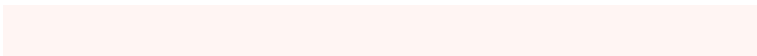
94.3184, 0.3179, 0.3408



94.3184, 0.3005, 0.3268



94.3184, 0.3075, 0.3175



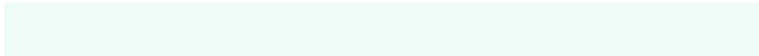
94.3184, 0.3251, 0.3310

Rectangle

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



94.3184, 0.3179, 0.3408



94.3184, 0.3066, 0.3349



94.3184, 0.3075, 0.3175



94.3184, 0.3188, 0.3232

Sweetspot

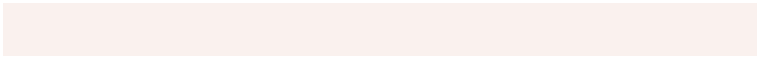
The Sweet Spot groups the original color and five complimentary colors.



94.3225, 0.3179, 0.3408



99.7169, 0.3138, 0.3314



89.2902, 0.3205, 0.3318



21.3465, 0.3137, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

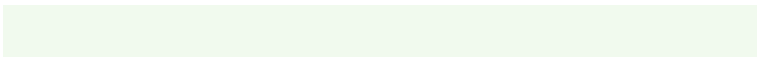
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.3225, 0.3179, 0.3408



98.3396, 0.3192, 0.3438



93.2810, 0.3142, 0.3409



20.1148, 0.3199, 0.3454



42.0011, 0.3759, 0.5397



3.9396, 0.3813, 0.5354

Inverse Universe

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



86.7497, 0.3074, 0.3171



88.5077, 0.3060, 0.3140



87.7900, 0.3112, 0.3172



17.8951, 0.3052, 0.3123



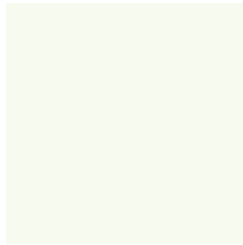
4.2626, 0.1642, 0.0678



0.4424, 0.1757, 0.0742

Previews

White Background



This preview shows how the Yxy color 94.3184, 0.3179, 0.3408 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 94.3184, 0.3179, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

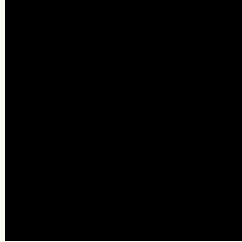
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

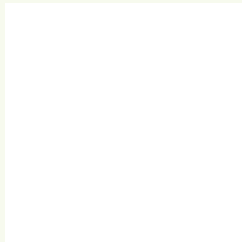
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.3184, 0.3179, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 94.3184, 0.3179, 0.3408.

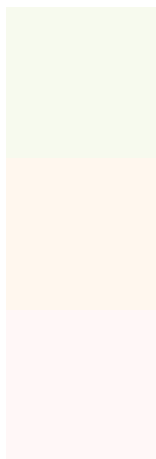


This preview shows how white text looks on a background with the Yxy color 94.3184, 0.3179, 0.3408.

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

94.3184, 0.3179, 0.3408

Protanopia

93.9546, 0.3233, 0.3378

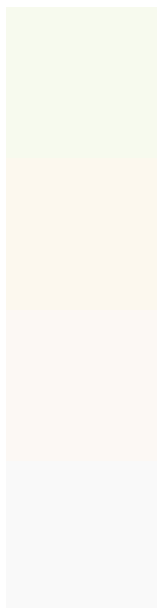
Deuteranopia

94.4969, 0.3178, 0.3290

Tritanopia

94.6788, 0.3099, 0.3223

Trichromacy



Original Color

94.3184, 0.3179, 0.3408

Protanomaly

94.0033, 0.3213, 0.3388

Deuteranomaly

94.3619, 0.3177, 0.3329

Tritanomaly

94.7307, 0.3127, 0.3290

Monochromacy



Original Color

94.3184, 0.3179, 0.3408

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.2395, 0.3150, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3184, 0.3179, 0.3408 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(247, 250, 238)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 238)  
}
```

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(247, 250, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 238) }
```

Border

The CSS property to change the border of an element to Yxy 94.3184, 0.3179, 0.3408 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(247, 250, 238) }
```

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

```
.border{ border-color:rgb(247, 250, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 250, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 238);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3184, 0.3179, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 238) }
```

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

```
.background{ background-color: rgb(247,  
250, 238) }
```

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