

Converting Colors

$Y_{xy}(94.2775, 0.3185, 0.3470)$

Have a look what the booklet for
Yxy(94.2775, 0.3185, 0.3470)
contains.

Yxy(94.1106, 0.3189, 0.3469)	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(94.1106, 0.3189, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	F4FBE9
RGB	244, 251, 233
RGB Percent	96%, 98%, 91%
CMY	0.0430, 0.0157, 0.0864
CMYK	0.03, 0.00, 0.07, 0.02
HSL	83°, 69%, 95%
HSV	83°, 7%, 98%
XYZ	86.5145, 94.1106, 90.6652
YIQ	246.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

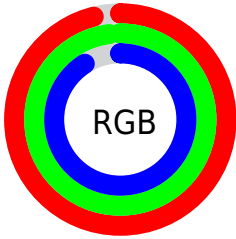
Format	Color
R _Y B	233, 251, 240
Decimal	16055273
CIE Lab	97.68, -5.42, 7.84
CIE LCh	98, 9.527, 124.665
Yxy	94.1106, 0.3189, 0.3469
Android (android.graphics.Color)	4294245353 (0xFFFF4FBE9)
YUV	246.8550, -6.8305, -2.5038
Hunter-Lab	97.0106, -10.5815, 12.4956

Details

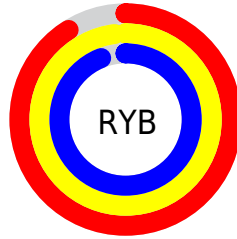
The Yxy color **94.1106, 0.3189, 0.3469** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7354, 0.3062, 0.3110**, and the grayscale version is **92.9467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8959, 0.3205, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **91.0893, 0.3275, 0.3734**, and if you desaturate by 10%, it is **97.2369, 0.3121, 0.3252**.

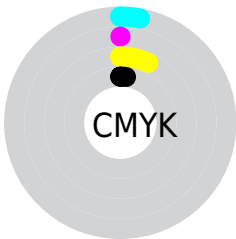
Distribution



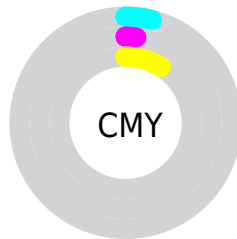
- Red (96%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.1106, 0.3189, 0.3469 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 94.1106, 0.3189, 0.3469 by changing the saturation by 10% instead.

 94.1106, 0.3189,
0.3469

 94.1106, 0.3189,
0.3469


541.3137, 0.3162,
0.3389

 71.3949, 0.3195,
0.3487


153.0353, 0.3180,
0.3442

 52.6646, 0.3202,
0.3508


190.0131, 0.3176,
0.3431

 37.5351, 0.3210,
0.3535


232.5138, 0.3173,
0.3422

 25.6220, 0.3221,
0.3569

280.9217, 0.3170,
0.3414

 16.5411, 0.3235,
0.3614

335.6213, 0.3168,
0.3407

 9.9079, 0.3254,
0.3676

396.9969, 0.3166,

 5.3379, 0.3281,

0.3400

0.3768

465.4329, 0.3164,
0.3394

■ 2.4469, 0.3322,
0.3917

■ 0.8498, 0.3550,
0.4466

■ 94.1106, 0.3189,
0.3469

■ 94.1106, 0.3189,
0.3469

■ 91.0893, 0.3275,
0.3734

■ 97.2369, 0.3121,
0.3252

■ 88.3495, 0.3359,
0.4014

■ 97.4763, 0.3129,
0.3252

■ 85.8846, 0.3437,
0.4301

■ 83.6834, 0.3504,
0.4587

■ 81.7334, 0.3556,
0.4859

■ 80.0212, 0.3586,
0.5104

■ 78.5314, 0.3593,
0.5308

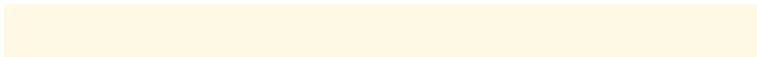
■ 77.2464, 0.3575,
0.5462

■ 76.1439, 0.3534,
0.5563

Harmonies

Analogous

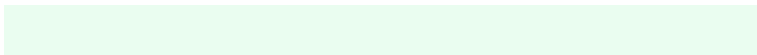
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1106, 0.3280, 0.3467



94.1106, 0.3189, 0.3469



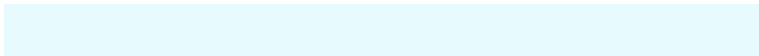
94.1106, 0.3083, 0.3421

Triad

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



94.1106, 0.3189, 0.3469



94.1106, 0.2928, 0.3159



94.1106, 0.3266, 0.3244

Complementary

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



94.1106, 0.3189, 0.3469



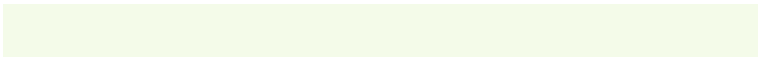
83.7354, 0.3062, 0.3110

Split Complementary

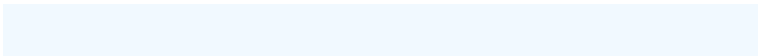
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1106, 0.3170, 0.3165



94.1106, 0.3189, 0.3469



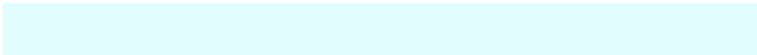
94.1106, 0.2975, 0.3115

Square

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



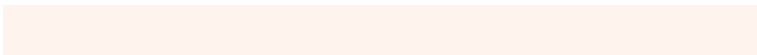
94.1106, 0.3189, 0.3469



94.1106, 0.2933, 0.3239



94.1106, 0.3063, 0.3118



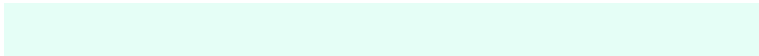
94.1106, 0.3325, 0.3336

Rectangle

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



94.1106, 0.3189, 0.3469



94.1106, 0.3017, 0.3366



94.1106, 0.3063, 0.3118



94.1106, 0.3237, 0.3215

Sweetspot

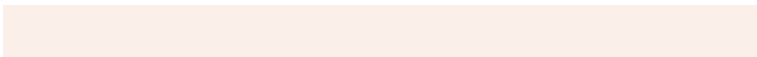
The Sweet Spot groups the original color and five complimentary colors.



94.1147, 0.3189, 0.3469



99.3036, 0.3144, 0.3339



88.6385, 0.3244, 0.3359



21.2624, 0.3143, 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.



94.1147, 0.3189, 0.3469



96.9640, 0.3205, 0.3516



92.5506, 0.3132, 0.3472



19.8360, 0.3209, 0.3529



39.9593, 0.3531, 0.5578



3.7620, 0.3609, 0.5516

Inverse Universe

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



83.7354, 0.3062, 0.3110



83.6494, 0.3044, 0.3062



85.3418, 0.3121, 0.3113



16.9703, 0.3040, 0.3049



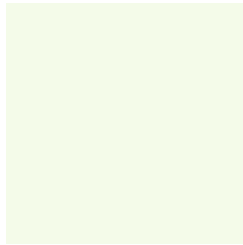
5.0773, 0.1822, 0.0777



0.5293, 0.1954, 0.0850

Previews

White Background



This preview shows how the Yxy color 94.1106, 0.3189, 0.3469 looks on a white background.

Color Contrast Check

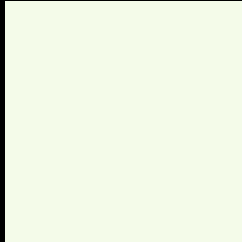
Large Text (above 18pt) WCAG AA × Fail

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 94.1106, 0.3189, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

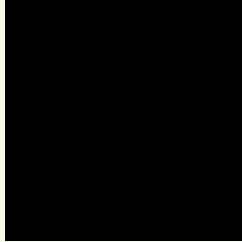
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

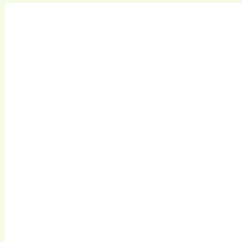
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1106, 0.3189, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 94.1106, 0.3189, 0.3469.

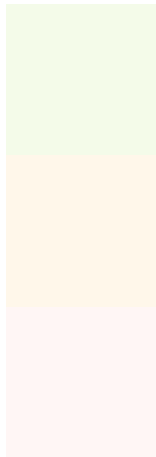


This preview shows how white text looks on a background with the Yxy color 94.1106, 0.3189, 0.3469.

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

94.1106, 0.3189, 0.3469

Protanopia

93.7220, 0.3257, 0.3417

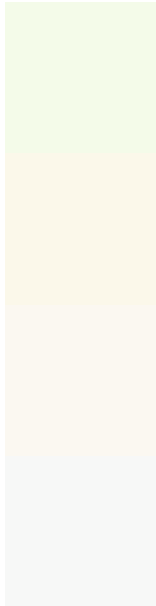
Deuteranopia

93.7641, 0.3191, 0.3300

Tritanopia

93.8813, 0.3093, 0.3213

Trichromacy



Original Color

94.1106, 0.3189, 0.3469

Protanomaly

93.5845, 0.3230, 0.3427

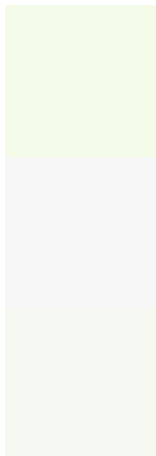
Deuteranomaly

93.9949, 0.3188, 0.3358

Tritanomaly

93.6244, 0.3127, 0.3300

Monochromacy



Original Color

94.1106, 0.3189, 0.3469

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.1384, 0.3150, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1106, 0.3189, 0.3469 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(244, 251, 233)` looks like.

```
.text, #text, p{  
    color:rgb(244, 251, 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(244, 251, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 251, 233) }
```

Border

The CSS property to change the border of an element to Yxy 94.1106, 0.3189, 0.3469 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(244, 251, 233) }
```

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

```
.border{ border-color:rgb(244, 251, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 251, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 251, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 251, 233);  
box-shadow:4px 4px 4px 4px rgb(244, 251,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1106, 0.3189, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 251, 233) }
```

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

```
.background{ background-color: rgb(244,  
251, 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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