

Converting Colors

$Yxy(93.3251, 0.3107, 0.3487)$

Have a look what the booklet for
Yxy(93.3251, 0.3107, 0.3487)
contains.

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Color

Yxy(93.3469, 0.3106, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	E8FDEA
RGB	232, 253, 234
RGB Percent	91%, 99%, 92%
CMY	0.0900, 0.0079, 0.0823
CMYK	0.08, 0.00, 0.08, 0.01
HSL	126°, 84%, 95%
HSV	126°, 8%, 99%
XYZ	83.2669, 93.3469, 91.4703
YIQ	244.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

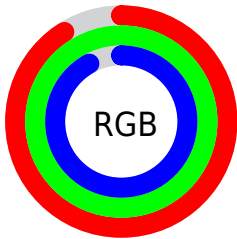
Format	Color
R _Y B	232, 251, 253
Decimal	15269354
CIE Lab	97.37, -10.23, 6.75
CIE LCh	97, 12.256, 146.587
Yxy	93.3469, 0.3106, 0.3482
Android (android.graphics.Color)	4293459434 (0xFFE8FDEA)
YUV	244.5550, -5.2036, -11.0107
Hunter-Lab	96.6162, -15.2413, 11.4992

Details

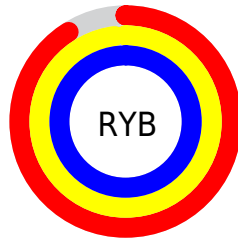
The Yxy color **93.3469, 0.3106, 0.3482** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.5906, 0.3149, 0.3105**, and the grayscale version is **90.9896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9243, 0.3100, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **88.1817, 0.3079, 0.3743**, and if you desaturate by 10%, it is **98.7261, 0.3128, 0.3271**.

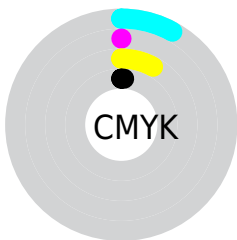
Distribution



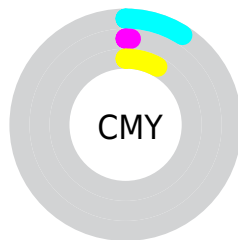
- Red (91%)
- Green (99%)
- Blue (92%)



- Red (91%)
- Yellow (98%)
- Blue (99%)



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



- Cyan (9%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3469, 0.3106, 0.3482 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 93.3469, 0.3106, 0.3482 by changing the saturation by 10% instead.

 93.3469, 0.3106,
0.3482

 93.3469, 0.3106,
0.3482


538.8591, 0.3116,
0.3396

 70.7599, 0.3104,
0.3501


151.9788, 0.3109,
0.3453

 52.1463, 0.3101,
0.3524


188.7924, 0.3111,
0.3441

 37.1217, 0.3097,
0.3553


231.1171, 0.3112,
0.3431

 25.3017, 0.3092,
0.3591

279.3371, 0.3113,
0.3422

 16.3020, 0.3086,
0.3640

333.8370, 0.3114,
0.3414

 9.7381, 0.3076,
0.3710

395.0010, 0.3115,

 5.2257, 0.3061,

0.3408

0.3813

463.2136, 0.3115,
0.3401

■ 2.3803, 0.3034,
0.3983

■ 0.8157, 0.2990,
0.4641

■ 93.3469, 0.3106,
0.3482

■ 93.3469, 0.3106,
0.3482

■ 88.1817, 0.3079,
0.3743

98.7261, 0.3128,
0.3271

■ 83.7604, 0.3053,
0.4035

■ 80.0521, 0.3027,
0.4353

■ 77.0196, 0.3004,
0.4687

■ 74.6218, 0.2985,
0.5022

■ 72.8135, 0.2974,
0.5336

■ 71.5434, 0.2970,
0.5605

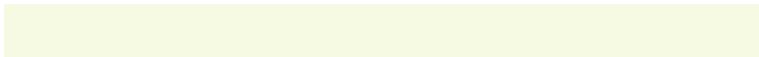
■ 70.7512, 0.2975,
0.5809

■ 70.3557, 0.2985,
0.5936

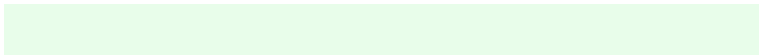
Harmonies

Analogous

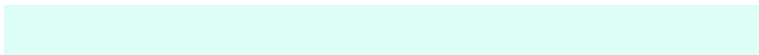
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3469, 0.3241, 0.3528



93.3469, 0.3106, 0.3482



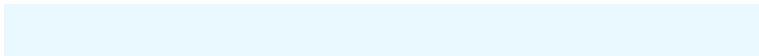
93.3469, 0.2978, 0.3381

Triad

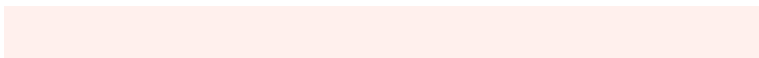
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.3469, 0.3106, 0.3482



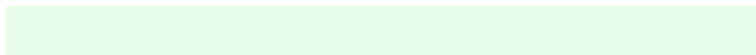
93.3469, 0.2909, 0.3075



93.3469, 0.3369, 0.3316

Complementary

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



93.3469, 0.3106, 0.3482



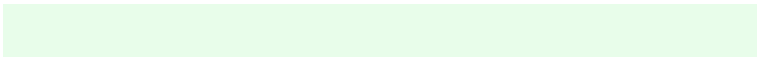
85.5906, 0.3149, 0.3105

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.



93.3469, 0.3276, 0.3200



93.3469, 0.3106, 0.3482



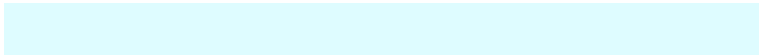
93.3469, 0.3010, 0.3063

Square

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



93.3469, 0.3106, 0.3482



93.3469, 0.2866, 0.3144



93.3469, 0.3144, 0.3109



93.3469, 0.3395, 0.3428

Rectangle

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



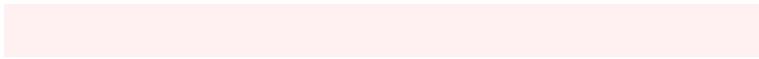
93.3469, 0.3106, 0.3482



93.3469, 0.2914, 0.3298



93.3469, 0.3144, 0.3109



93.3469, 0.3344, 0.3276

Sweetspot

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



93.3509, 0.3106, 0.3482



98.7512, 0.3122, 0.3334



96.6304, 0.3239, 0.3495



21.1499, 0.3122, 0.3332



0.0000, 0.0000, 0.0000



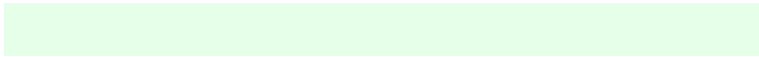
21.4041, 0.3127, 0.3290

Same Dimension

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



93.3509, 0.3106, 0.3482



94.0795, 0.3101, 0.3525



93.9582, 0.3048, 0.3377



20.1956, 0.3103, 0.3512



37.4138, 0.2983, 0.5938



3.6517, 0.2948, 0.5814

Inverse Universe

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



85.5906, 0.3149, 0.3105



84.6437, 0.3154, 0.3066



84.9604, 0.3214, 0.3204



18.2695, 0.3152, 0.3077



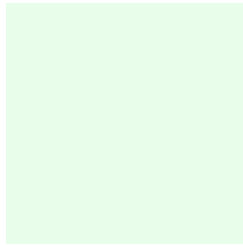
14.1429, 0.3459, 0.1679



1.3852, 0.3427, 0.1662

Previews

White Background



This preview shows how the Yxy color 93.3469, 0.3106, 0.3482 looks on a white background.

Color Contrast Check

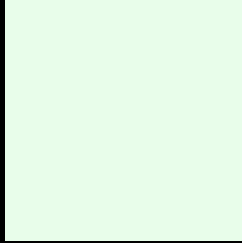
Large Text (above 18pt) WCAG AA × Fail

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 93.3469, 0.3106, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

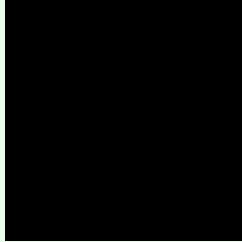
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

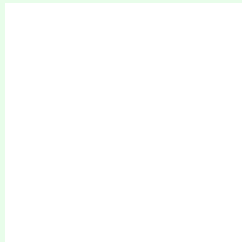
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3469, 0.3106, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 93.3469, 0.3106, 0.3482.

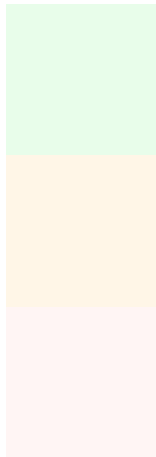


This preview shows how white text looks on a background with the Yxy color 93.3469, 0.3106, 0.3482.

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

93.3469, 0.3106, 0.3482

Protanopia

92.9411, 0.3277, 0.3437

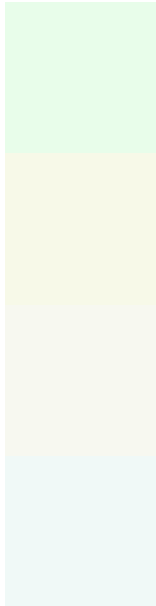
Deuteranopia

93.0965, 0.3198, 0.3300

Tritanopia

92.9746, 0.3061, 0.3212

Trichromacy



Original Color

93.3469, 0.3106, 0.3482

Protanomaly

93.3517, 0.3216, 0.3458

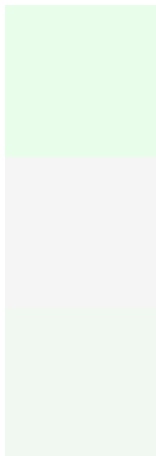
Deuteranomaly

93.2002, 0.3168, 0.3369

Tritanomaly

92.9920, 0.3082, 0.3310

Monochromacy



Original Color

93.3469, 0.3106, 0.3482

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.0109, 0.3118, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3469, 0.3106, 0.3482 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(232, 253, 234)` looks like.

```
.text, #text, p{  
    color:rgb(232, 253, 234)  
}
```

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(232, 253, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 253, 234) }
```

Border

The CSS property to change the border of an element to Yxy 93.3469, 0.3106, 0.3482 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(232, 253, 234) }
```

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

```
.border{ border-color:rgb(232, 253, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 253, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 253, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 253, 234); box-shadow:4px 4px 4px 4px rgb(232, 253, 234) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3469, 0.3106, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 253, 234) }
```

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

```
.background{ background-color: rgb(232,  
253, 234) }
```

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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