

Converting Colors

$Yxy(95.1029, 0.3103, 0.3476)$

Have a look what the booklet for
Yxy(95.1029, 0.3103, 0.3476)
contains.

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Color

Yxy(95.0686, 0.3106, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	EAF FEC
RGB	234, 255, 236
RGB Percent	92%, 100%, 93%
CMY	0.0824, 0.0000, 0.0746
CMYK	0.08, 0.00, 0.07, 0.00
HSL	126°, 100%, 96%
HSV	126°, 8%, 100%
XYZ	84.8271, 95.0686, 93.2115
YIQ	246.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

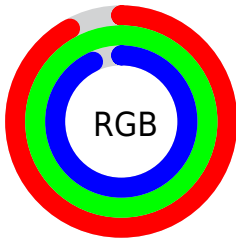
Format	Color
RYB	234, 253, 255
Decimal	15400940
CIELab	98.06, -10.25, 6.75
CIELCh	98, 12.272, 146.612
Yxy	95.0686, 0.3106, 0.3481
Android (android.graphics.Color)	4293591020 (0xFFEAFDEC)
YUV	246.5550, -5.2036, -11.0107
Hunter-Lab	97.5031, -15.3366, 11.5719

Details

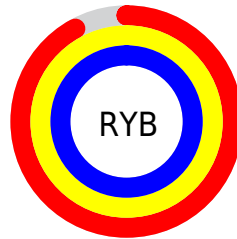
The Yxy color **95.0686, 0.3106, 0.3481** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.1973, 0.3149, 0.3106**, and the grayscale version is **92.6742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1484, 0.3101, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **89.7992, 0.3079, 0.3742**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

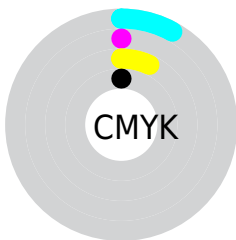
Distribution



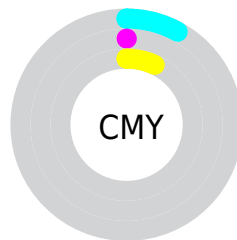
- Red (92%)
- Green (100%)
- Blue (93%)



- Red (92%)
- Yellow (99%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (8%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0686, 0.3106, 0.3481 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 95.0686, 0.3106, 0.3481 by changing the saturation by 10% instead.


 95.0686, 0.3106,
0.3481

 95.0686, 0.3106,
0.3481


544.3846, 0.3116,
0.3396

 72.1921, 0.3104,
0.3500


154.3594, 0.3109,
0.3452

 53.3156, 0.3101,
0.3523


191.5424, 0.3111,
0.3440

 38.0548, 0.3097,
0.3552


234.2631, 0.3112,
0.3431

 26.0252, 0.3093,
0.3588

282.9058, 0.3113,
0.3422

 16.8425, 0.3086,
0.3637

337.8548, 0.3114,
0.3414

 10.1223, 0.3077,
0.3705

399.4948, 0.3115,

 5.4801, 0.3062,

0.3407

0.3805

468.2099, 0.3115,
0.3401

■ 2.5316, 0.3036,
0.3969

■ 0.8924, 0.3005,
0.4484

■ 95.0686, 0.3106,
0.3481

■ 95.0686, 0.3106,
0.3481

■ 89.7992, 0.3079,
0.3742

100.0000, 0.3127,
0.3290

■ 85.2941, 0.3052,
0.4033

■ 81.5155, 0.3027,
0.4351

■ 78.4252, 0.3003,
0.4685

■ 75.9816, 0.2985,
0.5020

■ 74.1386, 0.2973,
0.5334

■ 72.8439, 0.2970,
0.5604

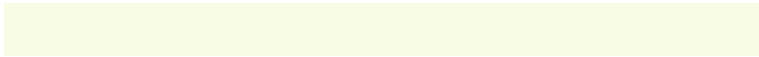
■ 72.0361, 0.2975,
0.5808

■ 71.6330, 0.2985,
0.5935

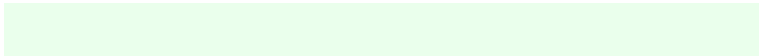
Harmonies

Analogous

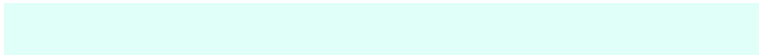
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0686, 0.3241, 0.3527



95.0686, 0.3106, 0.3481



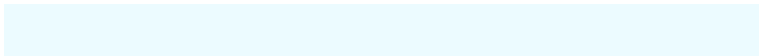
95.0686, 0.2979, 0.3381

Triad

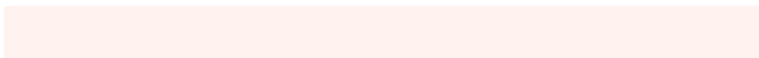
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.0686, 0.3106, 0.3481



95.0686, 0.2910, 0.3075



95.0686, 0.3368, 0.3316

Complementary

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



95.0686, 0.3106, 0.3481



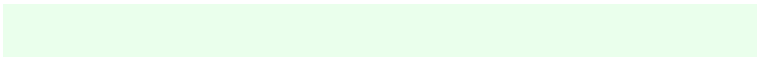
87.1973, 0.3149, 0.3106

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.



95.0686, 0.3275, 0.3201



95.0686, 0.3106, 0.3481



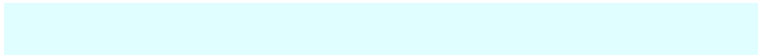
95.0686, 0.3011, 0.3064

Square

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



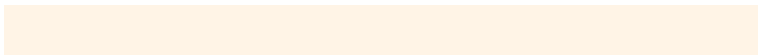
95.0686, 0.3106, 0.3481



95.0686, 0.2868, 0.3145



95.0686, 0.3144, 0.3109



95.0686, 0.3394, 0.3428

Rectangle

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



95.0686, 0.3106, 0.3481



95.0686, 0.2915, 0.3298



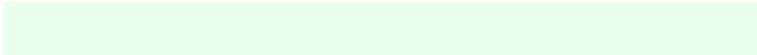
95.0686, 0.3144, 0.3109



95.0686, 0.3343, 0.3277

Sweetspot

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



95.0662, 0.3106, 0.3481



98.7515, 0.3122, 0.3334



98.3899, 0.3239, 0.3494



21.1500, 0.3122, 0.3332



0.0000, 0.0000, 0.0000



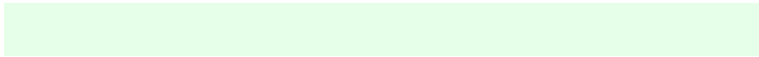
21.4041, 0.3127, 0.3290

Same Dimension

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



95.0662, 0.3106, 0.3481



94.0806, 0.3101, 0.3525



95.6810, 0.3048, 0.3377



20.1959, 0.3103, 0.3512



37.4143, 0.2983, 0.5938



3.6518, 0.2948, 0.5812

Inverse Universe

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



87.1973, 0.3149, 0.3106



84.6424, 0.3154, 0.3066



86.5596, 0.3214, 0.3205



18.2692, 0.3152, 0.3077



14.1370, 0.3461, 0.1680



1.3847, 0.3429, 0.1663

Previews

White Background



This preview shows how the Yxy color 95.0686, 0.3106, 0.3481 looks on a white background.

Color Contrast Check

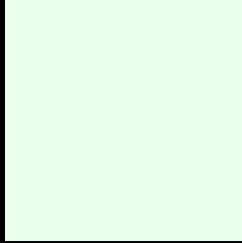
Large Text (above 18pt) WCAG AA × Fail

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 95.0686, 0.3106, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

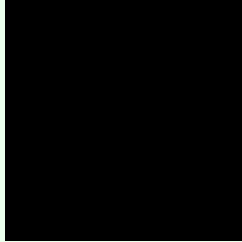
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

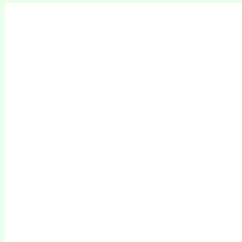
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.0686, 0.3106, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 95.0686, 0.3106, 0.3481.

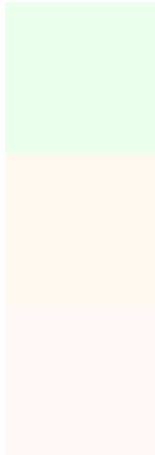


This preview shows how white text looks on a background with the Yxy color 95.0686, 0.3106, 0.3481.

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

95.0686, 0.3106, 0.3481

Protanopia

94.5678, 0.3232, 0.3387

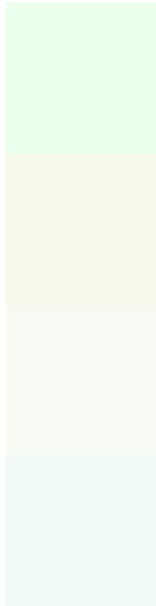
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

94.7455, 0.3080, 0.3232

Trichromacy



Original Color

95.0686, 0.3106, 0.3481

Protanomaly

94.8829, 0.3184, 0.3428

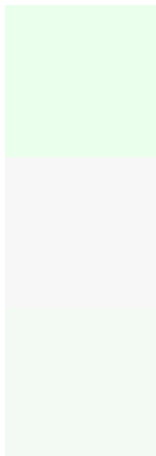
Deuteranomaly

95.2396, 0.3149, 0.3368

Tritanomaly

94.6489, 0.3088, 0.3319

Monochromacy



Original Color

95.0686, 0.3106, 0.3481

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.7195, 0.3118, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0686, 0.3106, 0.3481 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(234, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 236)  
}
```

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(234, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 236) }
```

Border

The CSS property to change the border of an element to Yxy 95.0686, 0.3106, 0.3481 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(234, 255, 236) }
```

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

```
.border{ border-color:rgb(234, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0686, 0.3106, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 236) }
```

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

```
.background{ background-color: rgb(234,  
255, 236) }
```

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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