

# Converting Colors

Yxy(95.4406, 0.3130, 0.3389)

Have a look what the booklet for  
Yxy(95.4406, 0.3130, 0.3389)  
contains.

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# Color

**Yxy(95.2647, 0.3135, 0.3388)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4FCF2
RGB	244, 252, 242
RGB Percent	96%, 99%, 95%
CMY	0.0431, 0.0118, 0.0509
CMYK	0.03, 0.00, 0.04, 0.01
HSL	108°, 62%, 97%
HSV	108°, 4%, 99%
XYZ	88.1508, 95.2647, 97.7672
YIQ	248.4680, -1.5580, -4.8060

# Conversions

## Conversions Part 2

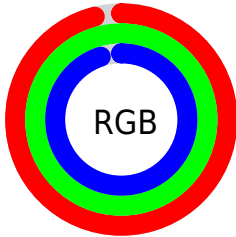
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 252, 250
Decimal	16055538
CIE Lab	98.14, -4.38, 3.84
CIE LCh	98, 5.825, 138.715
Yxy	95.2647, 0.3135, 0.3388
Android (android.graphics.Color)	4294245618 (0xFF4FCF2)
YUV	248.4680, -3.1887, -3.9184
Hunter-Lab	97.6036, -9.5940, 8.9332

# Details

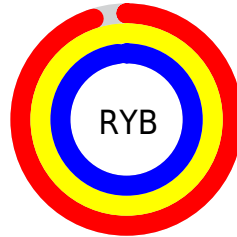
The Yxy color 95.2647, 0.3135, 0.3388 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.8773, 0.3119, 0.3193, and the grayscale version is 94.3047, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2668, 0.3138, 0.3403 is the 20% darker color. If you saturate the color by 10%, you get 90.4400, 0.3154, 0.3657, and if you desaturate by 10%, it is 98.1016, 0.3128, 0.3262.

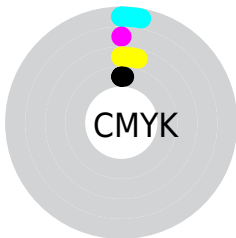
# Distribution



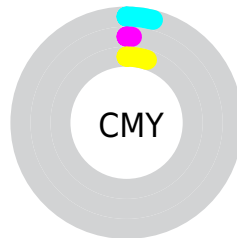
- Red (96%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (99%)
- Blue (98%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)




- Cyan (4%)
- Magenta (1%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.2647, 0.3135, 0.3388 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 95.2647, 0.3135, 0.3388 by changing the saturation by 10% instead.




 95.2647, 0.3135,  
0.3388

 95.2647, 0.3135,  
0.3388


545.0120, 0.3132,  
0.3345

 72.3553, 0.3136,  
0.3398


154.6302, 0.3134,  
0.3373

 53.4490, 0.3136,  
0.3409

191.8552, 0.3133,  
0.3367

 38.1613, 0.3137,  
0.3423


234.6208, 0.3133,  
0.3362

 26.1079, 0.3139,  
0.3442

283.3114, 0.3133,  
0.3358

 16.9044, 0.3140,  
0.3466

338.3114, 0.3132,  
0.3354

 10.1663, 0.3142,  
0.3499

400.0053, 0.3132,

 5.5094, 0.3145,

0.3351

0.3548

468.7774, 0.3132,  
0.3347

■ 2.5491, 0.3149,  
0.3627

■ 0.9012, 0.3172,  
0.3813

■ 95.2647, 0.3135,  
0.3388

■ 95.2647, 0.3135,  
0.3388

■ 90.4400, 0.3154,  
0.3657

■ 98.1016, 0.3128,  
0.3262

■ 86.1944, 0.3170,  
0.3955

■ 82.5098, 0.3182,  
0.4279

■ 79.3621, 0.3188,  
0.4618

■ 76.7258, 0.3185,  
0.4958

■ 74.5730, 0.3173,  
0.5278

■ 72.8730, 0.3151,  
0.5555

■ 71.5917, 0.3119,  
0.5767

■ 70.6890, 0.3082,  
0.5903

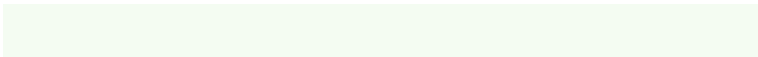
# Harmonies

## Analogous

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



95.2647, 0.3197, 0.3402



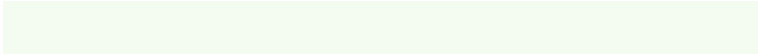
95.2647, 0.3135, 0.3388



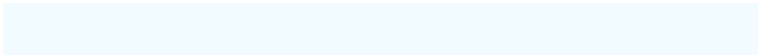
95.2647, 0.3072, 0.3347

# Triad

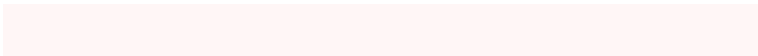
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.2647, 0.3135, 0.3388



95.2647, 0.3015, 0.3195



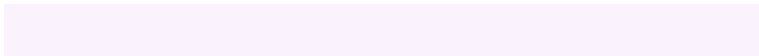
95.2647, 0.3232, 0.3288

# Complementary

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



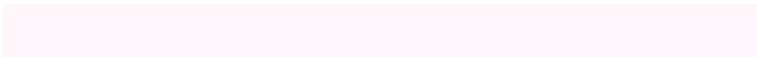
95.2647, 0.3135, 0.3388



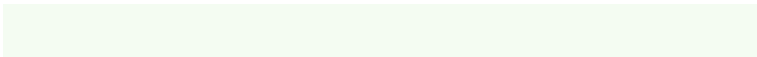
90.8773, 0.3119, 0.3193

# Split Complementary

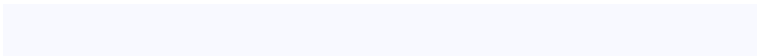
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2647, 0.3182, 0.3234



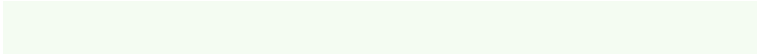
95.2647, 0.3135, 0.3388



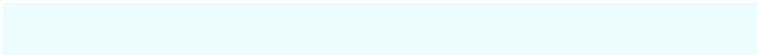
95.2647, 0.3057, 0.3180

# Square

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



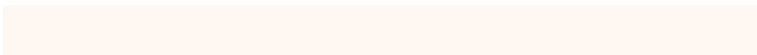
95.2647, 0.3135, 0.3388



95.2647, 0.3003, 0.3235



95.2647, 0.3118, 0.3195

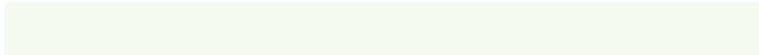


95.2647, 0.3253, 0.3344



# Rectangle

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



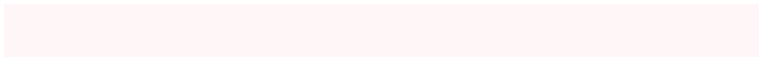
95.2647, 0.3135, 0.3388



95.2647, 0.3037, 0.3310



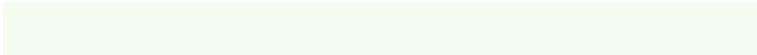
95.2647, 0.3118, 0.3195



95.2647, 0.3218, 0.3270

# Sweetspot

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



95.2688, 0.3135, 0.3388



99.4513, 0.3129, 0.3314



95.4835, 0.3187, 0.3368



21.2925, 0.3129, 0.3313



0.0000, 0.0000, 0.0000

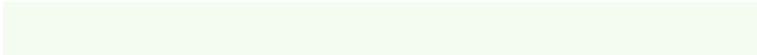


21.4041, 0.3127, 0.3290



# Same Dimension

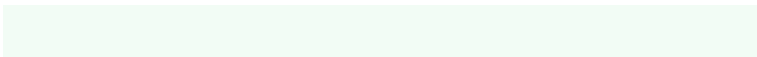
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2688, 0.3135, 0.3388



97.3192, 0.3137, 0.3415



95.0976, 0.3105, 0.3359



19.8674, 0.3138, 0.3433



36.6685, 0.3067, 0.5947



3.4382, 0.3140, 0.5889



# Inverse Universe

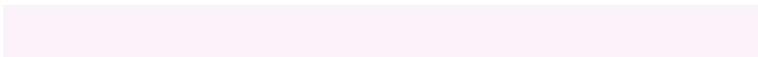
The Inverse Universe completely reimagines the original color for something new.



90.8773, 0.3119, 0.3193



91.6561, 0.3117, 0.3167



91.0570, 0.3150, 0.3222



18.5528, 0.3115, 0.3150



10.2617, 0.2710, 0.1267

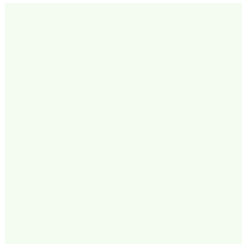


0.9932, 0.2773, 0.1301



# Previews

## White Background



This preview shows how the Yxy color 95.2647, 0.3135, 0.3388 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

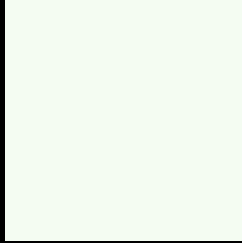
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.2647, 0.3135, 0.3388 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

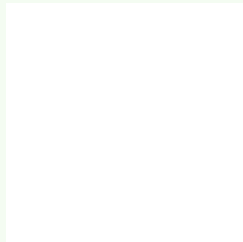
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 95.2647, 0.3135, 0.3388**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.2647, 0.3135, 0.3388.

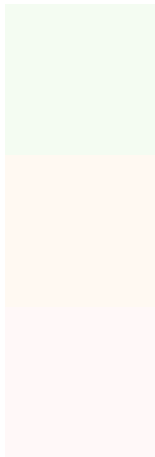


This preview shows how white text looks on a background with the Yxy color 95.2647, 0.3135, 0.3388.

# 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

95.2647, 0.3135, 0.3388

### Protanopia

95.4222, 0.3207, 0.3358

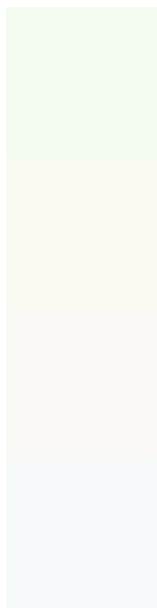
### Deuteranopia

95.1721, 0.3172, 0.3290

## **Tritanopia**

95.1111, 0.3092, 0.3232

# Trichromacy



## Original Color

95.2647, 0.3135, 0.3388

## Protanomaly

95.2912, 0.3181, 0.3368

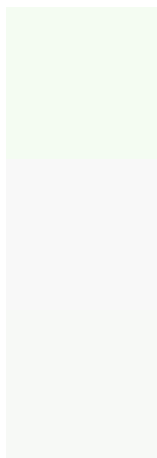
## Deuteranomaly

94.9144, 0.3158, 0.3319

## Tritanomaly

95.0475, 0.3108, 0.3290

# Monochromacy



## Original Color

95.2647, 0.3135, 0.3388

## Achromatopsia

93.8686, 0.3127, 0.3290

## Achromatomaly

94.1793, 0.3132, 0.3319

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.2647, 0.3135, 0.3388 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, 252, 242)` looks like.

```
.text, #text, p{  
    color:rgb(244, 252, 242)  
}
```

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, 252, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 252, 242) }
```

## Border

The CSS property to change the border of an element to Yxy 95.2647, 0.3135, 0.3388 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, 252, 242) }
```

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

```
.border{ border-color:rgb(244, 252, 242) }
```

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

Here you see how a box with a 4 pixel rgb(244, 252, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 252, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 252, 242);  
box-shadow:4px 4px 4px 4px rgb(244, 252,  
242) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.2647, 0.3135, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 252, 242) }
```

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

```
.background{ background-color: rgb(244,  
252, 242) }
```

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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