

Converting Colors

$Y_{xy}(100.0000, 0.3183, 0.3637)$

Have a look what the booklet for
Yxy(100.0000, 0.3183, 0.3637)
contains.

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Color

Yxy(95.4168, 0.3189, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFE3
RGB	239, 255, 227
RGB Percent	94%, 100%, 89%
CMY	0.0626, 0.0000, 0.1097
CMYK	0.06, 0.00, 0.11, 0.00
HSL	94°, 100%, 95%
HSV	94°, 11%, 100%
XYZ	85.2337, 95.4168, 86.6235
YIQ	247.0240, -0.5480, -12.1000

Conversions

Conversions Part 2

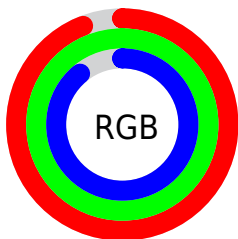
Format	Color
R_{YB}	227, 255, 243
Decimal	15728611
CIE _{Lab}	98.20, -10.08, 11.58
CIE _{LCh}	98, 15.349, 131.041
Yxy	95.4168, 0.3189, 0.3570
Android (android.graphics.Color)	4293918691 (0xFFEFFFEE3)
YUV	247.0240, -9.8718, -7.0370
Hunter-Lab	97.6815, -15.1895, 15.7990

Details

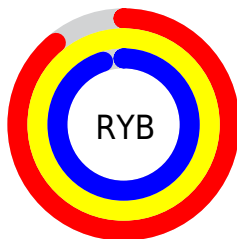
The Yxy color $95.4168, 0.3189, 0.3570$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $81.2324, 0.3059, 0.3012$, and the grayscale version is $93.1229, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $53.4340, 0.3199, 0.3624$ is the 20% darker color. If you saturate the color by 10%, you get $91.6821, 0.3244, 0.3850$, and if you desaturate by 10%, it is $99.5724, 0.3133, 0.3313$.

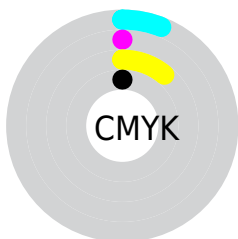
Distribution



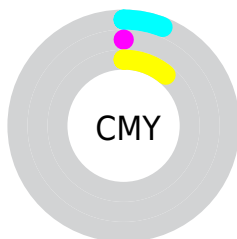
- Red (94%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.4168, 0.3189, 0.3570 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 95.4168, 0.3189, 0.3570 by changing the saturation by 10% instead.


 95.4168, 0.3189,
0.3570

 95.4168, 0.3189,
0.3570


545.4985, 0.3163,
0.3445

 72.4819, 0.3194,
0.3598


154.8403, 0.3180,
0.3527

 53.5525, 0.3201,
0.3632

192.0977, 0.3177,
0.3510

 38.2440, 0.3209,
0.3674


234.8981, 0.3174,
0.3496

 26.1721, 0.3219,
0.3728

283.6259, 0.3171,
0.3483

 16.9524, 0.3231,
0.3799

338.6654, 0.3169,
0.3472

 10.2006, 0.3246,
0.3899

400.4011, 0.3167,

 5.5322, 0.3267,

0.3462

0.4046

469.2173, 0.3165,
0.3453

■ 2.5627, 0.3293,
0.4285

■ 0.9080, 0.3620,
0.5329

■ 95.4168, 0.3189,
0.3570

■ 95.4168, 0.3189,
0.3570

■ 91.6821, 0.3244,
0.3850

99.5724, 0.3133,
0.3313

■ 88.3420, 0.3294,
0.4149

99.9963, 0.3127,
0.3290

■ 85.3858, 0.3337,
0.4459

■ 82.7978, 0.3368,
0.4770

■ 80.5610, 0.3384,
0.5066

■ 78.6565, 0.3380,
0.5330

■ 77.0635, 0.3356,
0.5545

■ 75.7577, 0.3312,
0.5701

■ 74.7940, 0.3262,
0.5792

Harmonies

Analogous

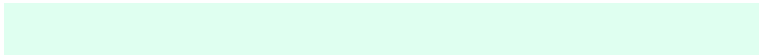
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4168, 0.3345, 0.3583



95.4168, 0.3189, 0.3570



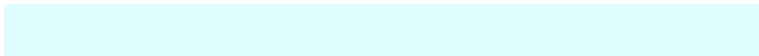
95.4168, 0.3020, 0.3476

Triad

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



95.4168, 0.3189, 0.3570



95.4168, 0.2819, 0.3058



95.4168, 0.3377, 0.3245

Complementary

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



95.4168, 0.3189, 0.3570



81.2324, 0.3059, 0.3012

Split Complementary

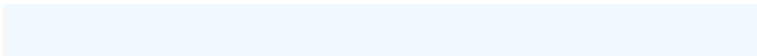
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4168, 0.3230, 0.3115



95.4168, 0.3189, 0.3570



95.4168, 0.2909, 0.3007

Square

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



95.4168, 0.3189, 0.3570



95.4168, 0.2810, 0.3175



95.4168, 0.3058, 0.3028



95.4168, 0.3456, 0.3391

Rectangle

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



95.4168, 0.3189, 0.3570



95.4168, 0.2922, 0.3381



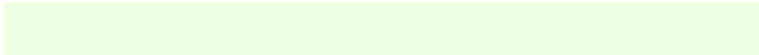
95.4168, 0.3058, 0.3028



95.4168, 0.3333, 0.3199

Sweetspot

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



95.4209, 0.3189, 0.3570



98.6981, 0.3144, 0.3364



90.8361, 0.3305, 0.3446



21.0524, 0.3149, 0.3384



0.0000, 0.0000, 0.0000



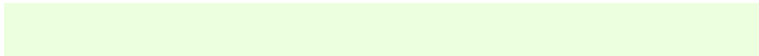
21.4041, 0.3127, 0.3290

Same Dimension

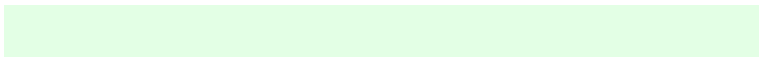
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4209, 0.3189, 0.3570



94.6315, 0.3200, 0.3625



93.5048, 0.3103, 0.3557



20.5492, 0.3181, 0.3531



39.1675, 0.3273, 0.5783



3.8765, 0.3361, 0.5713

Inverse Universe

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



81.2324, 0.3059, 0.3012



78.0442, 0.3045, 0.2958



83.3175, 0.3152, 0.3037



17.8896, 0.3069, 0.3051



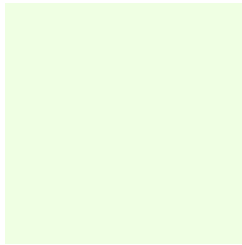
7.0356, 0.2166, 0.0967



0.7495, 0.2280, 0.1030

Previews

White Background



This preview shows how the Yxy color 95.4168, 0.3189, 0.3570 looks on a white background.

Color Contrast Check

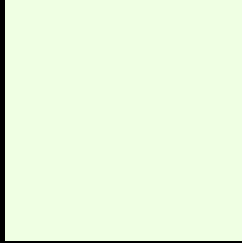
Large Text (above 18pt) WCAG AA × Fail

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 95.4168, 0.3189, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

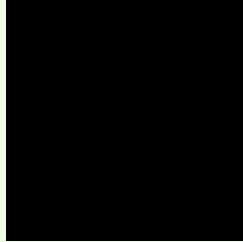
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

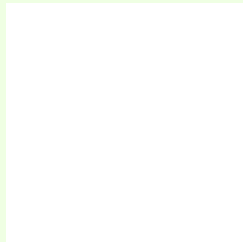
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.4168, 0.3189, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 95.4168, 0.3189, 0.3570.

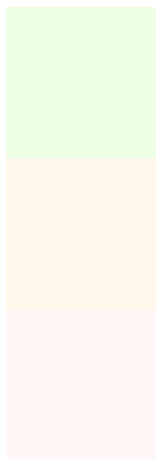


This preview shows how white text looks on a background with the Yxy color 95.4168, 0.3189, 0.3570.

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

95.4168, 0.3189, 0.3570

Protanopia

95.1258, 0.3237, 0.3407

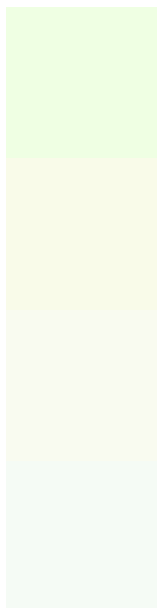
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

95.1111, 0.3092, 0.3232

Trichromacy



Original Color

95.4168, 0.3189, 0.3570

Protanomaly

95.0173, 0.3221, 0.3467

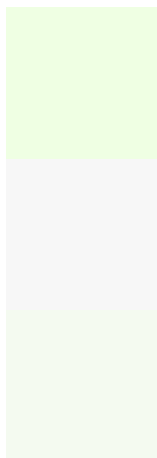
Deuteranomaly

95.4254, 0.3179, 0.3398

Tritanomaly

94.9994, 0.3124, 0.3349

Monochromacy



Original Color

95.4168, 0.3189, 0.3570

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.8956, 0.3148, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4168, 0.3189, 0.3570 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(239, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 227)  
}
```

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(239, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 227) }
```

Border

The CSS property to change the border of an element to Yxy 95.4168, 0.3189, 0.3570 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(239, 255, 227) }
```

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

```
.border{ border-color:rgb(239, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4168, 0.3189, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 227) }
```

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

```
.background{ background-color: rgb(239,  
255, 227) }
```

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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