

Converting Colors

Yxy(95.4084, 0.3176, 0.3541)

Have a look what the booklet for
Yxy(95.4084, 0.3176, 0.3541)
contains.

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Color

Yxy(95.5839, 0.3172, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFE6
RGB	239, 255, 230
RGB Percent	94%, 100%, 90%
CMY	0.0626, 0.0000, 0.0981
CMYK	0.06, 0.00, 0.10, 0.00
HSL	98°, 100%, 95%
HSV	98°, 10%, 100%
XYZ	85.6475, 95.5839, 88.7796
YIQ	247.3660, -1.5110, -11.1670

Conversions

Conversions Part 2

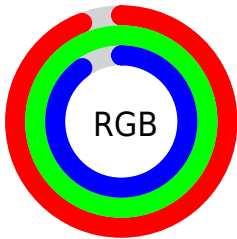
Format	Color
R _Y B	230, 255, 246
Decimal	15728614
CIE Lab	98.27, -9.59, 10.17
CIE LCh	98, 13.973, 133.317
Yxy	95.5839, 0.3172, 0.3540
Android (android.graphics.Color)	4293918694 (0xFFE6FFE6)
YUV	247.3660, -8.5614, -7.3370
Hunter-Lab	97.7670, -14.7197, 14.5972

Details

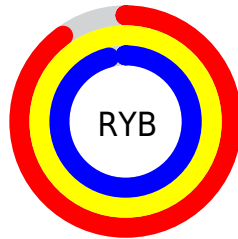
The Yxy color **95.5839, 0.3172, 0.3540** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.3802, 0.3078, 0.3044**, and the grayscale version is **93.4038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.5114, 0.3184, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **91.5544, 0.3216, 0.3820**, and if you desaturate by 10%, it is **99.9977, 0.3127, 0.3290**.

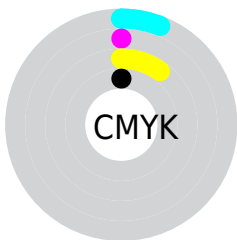
Distribution



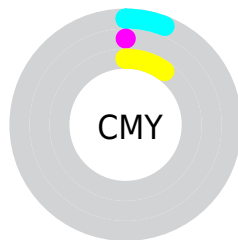
- Red (94%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (96%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.5839, 0.3172, 0.3540 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 95.5839, 0.3172, 0.3540 by changing the saturation by 10% instead.

 95.5839, 0.3172,
0.3540

 95.5839, 0.3172,
0.3540

546.0326, 0.3153,
0.3428

 72.6211, 0.3176,
0.3565

155.0710, 0.3166,
0.3502

 53.6662, 0.3181,
0.3595


192.3641, 0.3163,
0.3487

 38.3348, 0.3186,
0.3632


235.2027, 0.3161,
0.3474

 26.2427, 0.3193,
0.3680

283.9713, 0.3159,
0.3462

 17.0053, 0.3202,
0.3744

339.0541, 0.3157,
0.3452

 10.2382, 0.3213,
0.3832

400.8357, 0.3156,

 5.5572, 0.3227,

0.3443

0.3963

469.7004, 0.3154,
0.3435

■ 2.5778, 0.3245,
0.4175

■ 0.9155, 0.3461,
0.4984

■ 95.5839, 0.3172,
0.3540

■ 95.5839, 0.3172,
0.3540

■ 91.5544, 0.3216,
0.3820

99.9977, 0.3127,
0.3290

■ 87.9691, 0.3256,
0.4122

■ 84.8155, 0.3289,
0.4439

■ 82.0759, 0.3312,
0.4760

■ 79.7309, 0.3321,
0.5069

■ 77.7597, 0.3312,
0.5347

■ 76.1390, 0.3286,
0.5577

■ 74.8423, 0.3243,
0.5744

■ 73.8316, 0.3189,
0.5849

Harmonies

Analogous

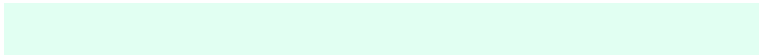
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5839, 0.3316, 0.3558



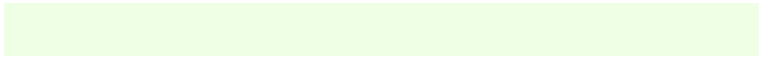
95.5839, 0.3172, 0.3540



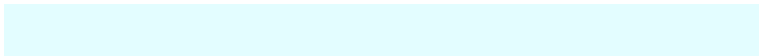
95.5839, 0.3019, 0.3450

Triad

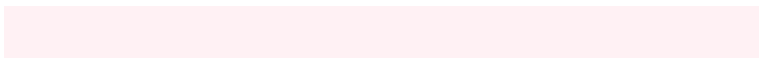
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.5839, 0.3172, 0.3540



95.5839, 0.2850, 0.3074



95.5839, 0.3362, 0.3260

Complementary

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



95.5839, 0.3172, 0.3540



83.3802, 0.3078, 0.3044

Split Complementary

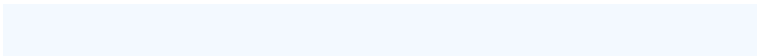
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5839, 0.3232, 0.3138



95.5839, 0.3172, 0.3540



95.5839, 0.2938, 0.3031

Square

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



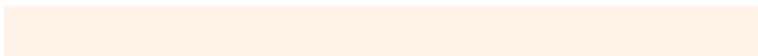
95.5839, 0.3172, 0.3540



95.5839, 0.2836, 0.3176



95.5839, 0.3077, 0.3055



95.5839, 0.3428, 0.3392

Rectangle

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



95.5839, 0.3172, 0.3540



95.5839, 0.2932, 0.3362



95.5839, 0.3077, 0.3055



95.5839, 0.3324, 0.3216

Sweetspot

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



95.5880, 0.3172, 0.3540



98.6037, 0.3141, 0.3364



92.7747, 0.3283, 0.3445



21.0269, 0.3145, 0.3384



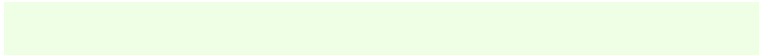
0.0000, 0.0000, 0.0000



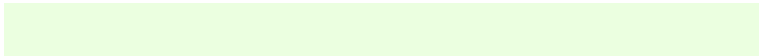
21.4041, 0.3127, 0.3290

Same Dimension

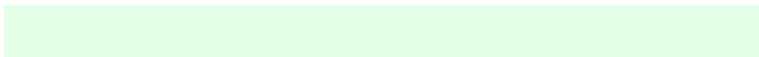
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5880, 0.3172, 0.3540



94.6693, 0.3182, 0.3599



94.2379, 0.3096, 0.3510



20.4885, 0.3171, 0.3532



38.6475, 0.3199, 0.5842



3.8221, 0.3286, 0.5773

Inverse Universe

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



83.3802, 0.3078, 0.3044



79.9635, 0.3066, 0.2986



84.8466, 0.3160, 0.3080



17.9519, 0.3080, 0.3052



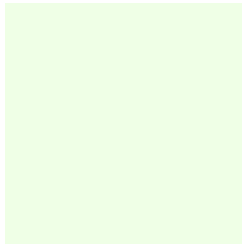
7.9054, 0.2314, 0.1049



0.8315, 0.2416, 0.1105

Previews

White Background



This preview shows how the Yxy color 95.5839, 0.3172, 0.3540 looks on a white background.

Color Contrast Check

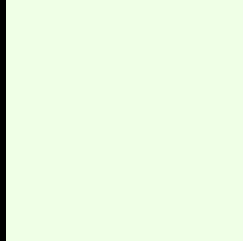
Large Text (above 18pt) WCAG AA × Fail

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 95.5839, 0.3172, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

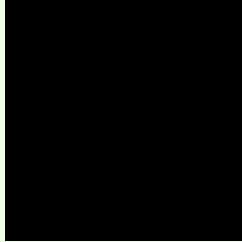
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

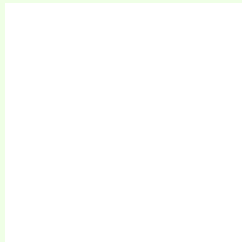
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.5839, 0.3172, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 95.5839, 0.3172, 0.3540.

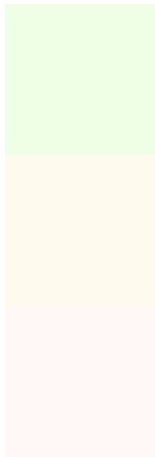


This preview shows how white text looks on a background with the Yxy color 95.5839, 0.3172, 0.3540.

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

95.5839, 0.3172, 0.3540

Protanopia

95.1844, 0.3231, 0.3397

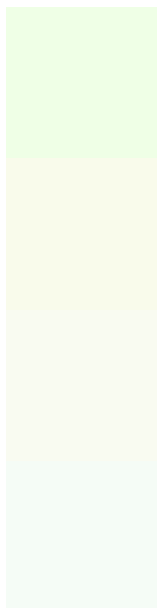
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

95.7310, 0.3092, 0.3242

Trichromacy



Original Color

95.5839, 0.3172, 0.3540

Protanomaly

95.1323, 0.3209, 0.3447

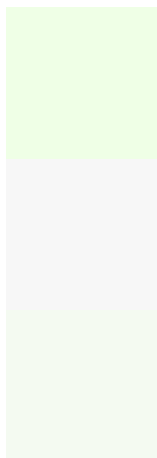
Deuteranomaly

95.4850, 0.3173, 0.3388

Tritanomaly

95.6871, 0.3118, 0.3349

Monochromacy



Original Color

95.5839, 0.3172, 0.3540

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.9552, 0.3142, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.5839, 0.3172, 0.3540 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 230) }
```

Border

The CSS property to change the border of an element to Yxy 95.5839, 0.3172, 0.3540 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, 230) }
```

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

```
.border{ border-color:rgb(239, 255, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5839, 0.3172, 0.3540 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, 230) }
```

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

```
.background{ background-color: rgb(239,  
255, 230) }
```

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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