

Converting Colors

$Yxy(93.5181, 0.3127, 0.3420)$

Have a look what the booklet for
Yxy(93.5181, 0.3127, 0.3420)
contains.

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Color

Yxy(93.5181, 0.3127, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	EFFBEE
RGB	239, 251, 238
RGB Percent	94%, 98%, 93%
CMY	0.0630, 0.0156, 0.0667
CMYK	0.05, 0.00, 0.05, 0.02
HSL	116°, 62%, 96%
HSV	116°, 5%, 98%
XYZ	85.5062, 93.5181, 94.4205
YIQ	245.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

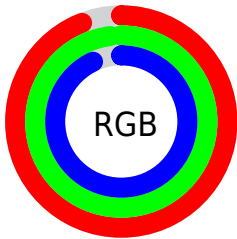
Format	Color
R _Y B	238, 251, 250
Decimal	15727598
CIE Lab	97.44, -6.28, 4.86
CIE LCh	97, 7.940, 142.251
Yxy	93.5181, 0.3127, 0.3420
Android (android.graphics.Color)	4293917678 (0xFFE ^{FF} BEE)
YUV	245.9300, -3.9095, -6.0776
Hunter-Lab	96.7048, -11.4040, 9.8038

Details

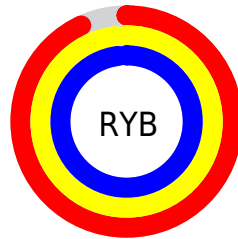
The Yxy color 93.5181, 0.3127, 0.3420 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.4470, 0.3127, 0.3163, and the grayscale version is 92.1269, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.4749, 0.3127, 0.3456 is the 20% darker color. If you saturate the color by 10%, you get 88.3541, 0.3125, 0.3696, and if you desaturate by 10%, it is 97.4916, 0.3129, 0.3252.

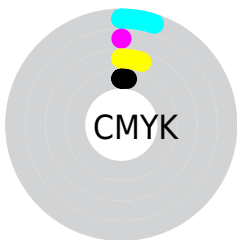
Distribution



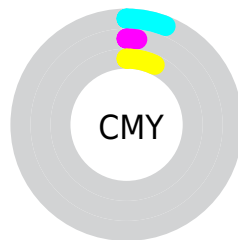
- Red (94%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)





- Cyan (6%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.5181, 0.3127, 0.3420 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 93.5181, 0.3127, 0.3420 by changing the saturation by 10% instead.


 93.5181, 0.3127,
0.3420

 93.5181, 0.3127,
0.3420


539.4099, 0.3127,
0.3362

 70.9022, 0.3127,
0.3433

152.2157, 0.3127,
0.3400

 52.2624, 0.3127,
0.3448


189.0662, 0.3127,
0.3392

 37.2143, 0.3126,
0.3468


231.4304, 0.3127,
0.3386

 25.3734, 0.3126,
0.3493

279.6926, 0.3127,
0.3380

 16.3555, 0.3125,
0.3525

334.2373, 0.3127,
0.3375

 9.7761, 0.3124,
0.3571

395.4488, 0.3127,

 5.2507, 0.3122,

0.3370

0.3639

463.7115, 0.3127,
0.3366

■ 2.3951, 0.3117,
0.3749

■ 0.8234, 0.3132,
0.4098

■ 93.5181, 0.3127,
0.3420

■ 93.5181, 0.3127,
0.3420

■ 88.3541, 0.3125,
0.3696

■ 97.4916, 0.3129,
0.3252

■ 83.8856, 0.3122,
0.4005

■ 80.0867, 0.3115,
0.4341

■ 76.9250, 0.3105,
0.4695

■ 74.3655, 0.3092,
0.5047

■ 72.3699, 0.3075,
0.5374

■ 70.8954, 0.3056,
0.5649

■ 69.8931, 0.3036,
0.5848

■ 69.3045, 0.3018,
0.5961

Harmonies

Analogous

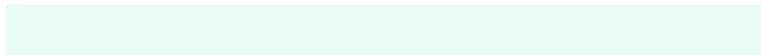
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5181, 0.3213, 0.3444



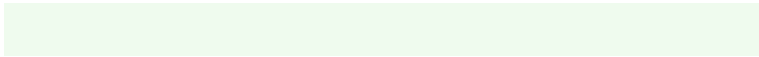
93.5181, 0.3127, 0.3420



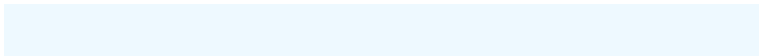
93.5181, 0.3042, 0.3360

Triad

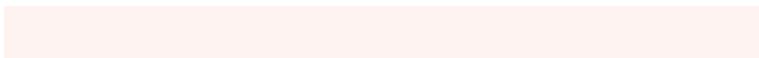
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.5181, 0.3127, 0.3420



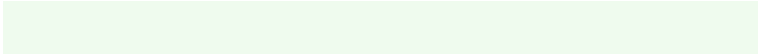
93.5181, 0.2979, 0.3155



93.5181, 0.3277, 0.3297

Complementary

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



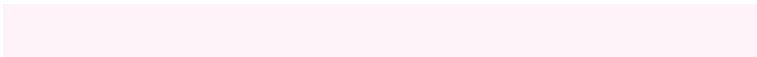
93.5181, 0.3127, 0.3420



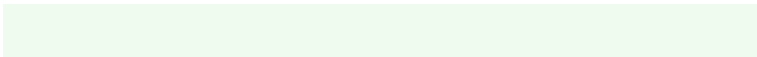
88.4470, 0.3127, 0.3163

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.



93.5181, 0.3212, 0.3222



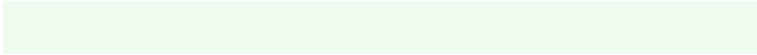
93.5181, 0.3127, 0.3420



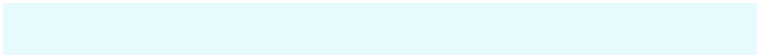
93.5181, 0.3040, 0.3140

Square

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



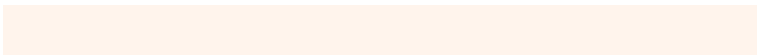
93.5181, 0.3127, 0.3420



93.5181, 0.2957, 0.3206



93.5181, 0.3126, 0.3165



93.5181, 0.3301, 0.3371

Rectangle

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



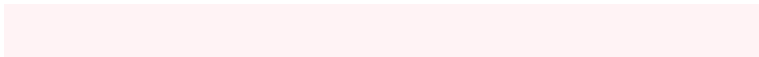
93.5181, 0.3127, 0.3420



93.5181, 0.2997, 0.3308



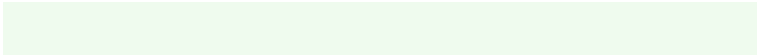
93.5181, 0.3126, 0.3165



93.5181, 0.3259, 0.3271

Sweetspot

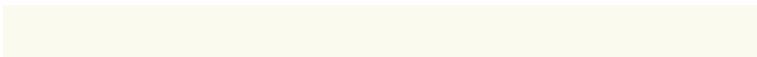
The Sweet Spot groups the original color and five complimentary colors.



93.5221, 0.3127, 0.3420



98.7895, 0.3127, 0.3339



95.0210, 0.3205, 0.3407



21.1577, 0.3127, 0.3337



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.



93.5221, 0.3127, 0.3420



96.4602, 0.3127, 0.3441



93.6827, 0.3090, 0.3366



19.6908, 0.3127, 0.3458



36.3568, 0.3015, 0.5988



3.3874, 0.3052, 0.5959

Inverse Universe

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



88.4470, 0.3127, 0.3163



90.4145, 0.3127, 0.3143



88.2839, 0.3167, 0.3216



18.3259, 0.3127, 0.3127



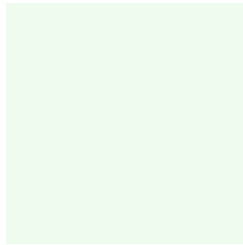
12.7815, 0.3028, 0.1442



1.2023, 0.3051, 0.1454

Previews

White Background



This preview shows how the Yxy color 93.5181, 0.3127, 0.3420 looks on a white background.

Color Contrast Check

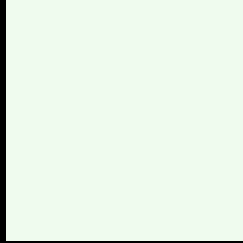
Large Text (above 18pt) WCAG AA × Fail

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 93.5181, 0.3127, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

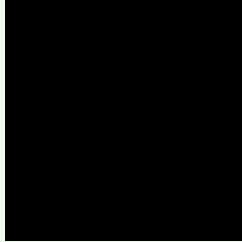
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

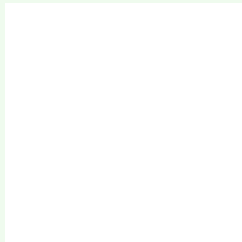
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5181, 0.3127, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 93.5181, 0.3127, 0.3420.

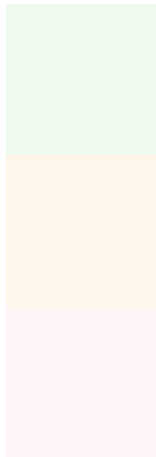


This preview shows how white text looks on a background with the Yxy color 93.5181, 0.3127, 0.3420.

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

93.5181, 0.3127, 0.3420

Protanopia

93.1697, 0.3252, 0.3397

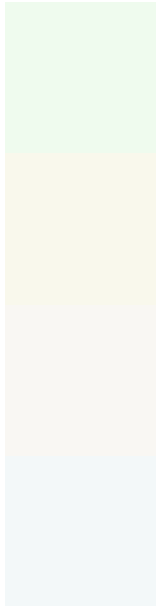
Deuteranopia

93.2186, 0.3186, 0.3281

Tritanopia

93.3344, 0.3074, 0.3212

Trichromacy



Original Color

93.5181, 0.3127, 0.3420

Protanomaly

93.3307, 0.3205, 0.3408

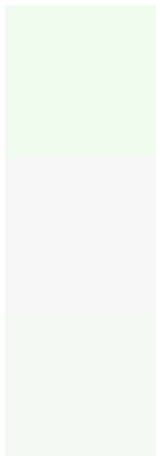
Deuteranomaly

93.1323, 0.3164, 0.3329

Tritanomaly

93.0290, 0.3090, 0.3280

Monochromacy



Original Color

93.5181, 0.3127, 0.3420

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.6606, 0.3125, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5181, 0.3127, 0.3420 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, 251, 238)` looks like.

```
.text, #text, p{  
    color:rgb(239, 251, 238)  
}
```

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, 251, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 251, 238) }
```

Border

The CSS property to change the border of an element to Yxy 93.5181, 0.3127, 0.3420 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, 251, 238) }
```

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

```
.border{ border-color:rgb(239, 251, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 251, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 251, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 251, 238);  
box-shadow:4px 4px 4px 4px rgb(239, 251,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5181, 0.3127, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 251, 238) }
```

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

```
.background{ background-color: rgb(239,  
251, 238) }
```

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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