

Converting Colors

$Y_{xy}(93.5279, 0.3123, 0.3408)$

Have a look what the booklet for
Yxy(93.5279, 0.3123, 0.3408)
contains.

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Color

Yxy(93.5771, 0.3122, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	EFFBEF
RGB	239, 251, 239
RGB Percent	94%, 98%, 94%
CMY	0.0626, 0.0157, 0.0629
CMYK	0.05, 0.00, 0.05, 0.02
HSL	120°, 60%, 96%
HSV	120°, 5%, 98%
XYZ	85.6738, 93.5771, 95.1687
YIQ	246.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

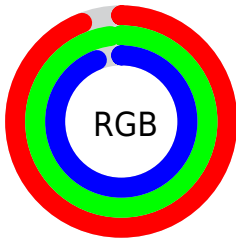
Format	Color
R _Y B	239, 251, 251
Decimal	15727599
CIE Lab	97.46, -6.07, 4.40
CIE LCh	97, 7.493, 144.046
Yxy	93.5771, 0.3122, 0.3410
Android (android.graphics.Color)	4293917679 (0xFFEFFBEF)
YUV	246.0440, -3.4727, -6.1776
Hunter-Lab	96.7353, -11.1977, 9.3848

Details

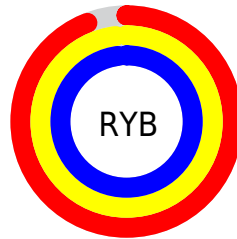
The Yxy color 93.5771, 0.3122, 0.3410 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.1657, 0.3132, 0.3173, and the grayscale version is 92.2302, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.5164, 0.3120, 0.3443 is the 20% darker color. If you saturate the color by 10%, you get 88.1525, 0.3110, 0.3686, and if you desaturate by 10%, it is 97.4768, 0.3129, 0.3252.

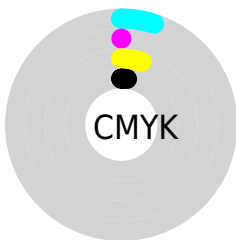
Distribution



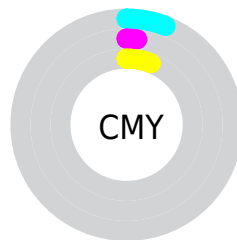
- Red (94%)
- Green (98%)
- Blue (94%)



- Red (94%)
- Yellow (98%)
- Blue (98%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5771, 0.3122, 0.3410 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 93.5771, 0.3122, 0.3410 by changing the saturation by 10% instead.

 93.5771, 0.3122,
0.3410

 93.5771, 0.3122,
0.3410


539.5996, 0.3125,
0.3357

 70.9513, 0.3121,
0.3422

152.2973, 0.3123,
0.3392

 52.3024, 0.3121,
0.3436


189.1605, 0.3123,
0.3385

 37.2462, 0.3120,
0.3454


231.5383, 0.3124,
0.3378

 25.3982, 0.3118,
0.3477

279.8151, 0.3124,
0.3373

 16.3739, 0.3117,
0.3507

334.3752, 0.3124,
0.3368

 9.7892, 0.3114,
0.3549

395.6030, 0.3124,

 5.2594, 0.3110,

0.3364

0.3611

463.8831, 0.3124,
0.3360

■ 2.4002, 0.3102,
0.3712

■ 0.8260, 0.3100,
0.4020

■ 93.5771, 0.3122,
0.3410

■ 93.5771, 0.3122,
0.3410

■ 88.1525, 0.3110,
0.3686

■ 97.4768, 0.3129,
0.3252

■ 83.4963, 0.3096,
0.3997

■ 79.5773, 0.3081,
0.4338

■ 76.3579, 0.3065,
0.4698

■ 73.7968, 0.3048,
0.5057

■ 71.8487, 0.3032,
0.5389

■ 70.4623, 0.3019,
0.5666

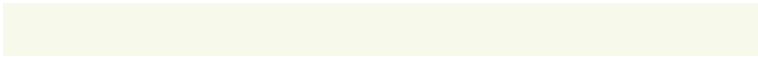
■ 69.5782, 0.3009,
0.5863

■ 69.1236, 0.3002,
0.5970

Harmonies

Analogous

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



93.5771, 0.3204, 0.3435



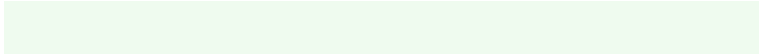
93.5771, 0.3122, 0.3410



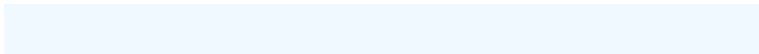
93.5771, 0.3042, 0.3352

Triad

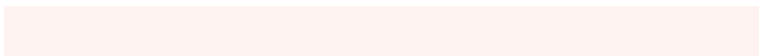
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.5771, 0.3122, 0.3410



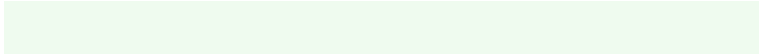
93.5771, 0.2990, 0.3161



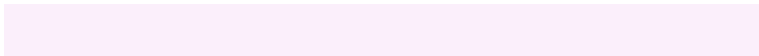
93.5771, 0.3271, 0.3301

Complementary

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



93.5771, 0.3122, 0.3410



89.1657, 0.3132, 0.3173

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.



93.5771, 0.3212, 0.3230



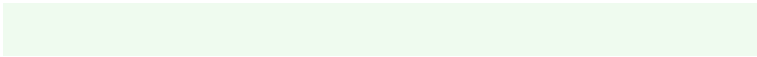
93.5771, 0.3122, 0.3410



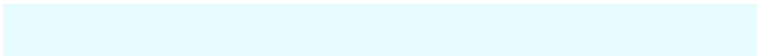
93.5771, 0.3050, 0.3149

Square

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



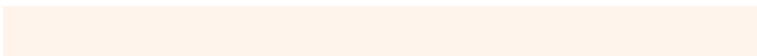
93.5771, 0.3122, 0.3410



93.5771, 0.2966, 0.3207



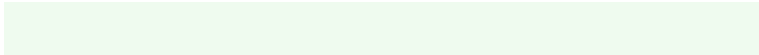
93.5771, 0.3131, 0.3174



93.5771, 0.3291, 0.3370

Rectangle

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



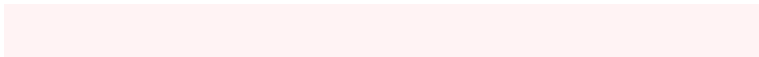
93.5771, 0.3122, 0.3410



93.5771, 0.3001, 0.3302



93.5771, 0.3131, 0.3174



93.5771, 0.3255, 0.3276

Sweetspot

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



93.5811, 0.3122, 0.3410



99.3594, 0.3126, 0.3314



95.6104, 0.3198, 0.3406



21.2737, 0.3126, 0.3313



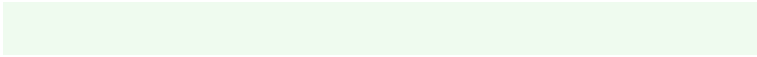
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



93.5811, 0.3122, 0.3410



96.2828, 0.3121, 0.3441



93.9180, 0.3088, 0.3352



19.6510, 0.3120, 0.3458



36.2738, 0.3001, 0.5999



3.3613, 0.3004, 0.5996

Inverse Universe

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



89.1657, 0.3132, 0.3173



90.6057, 0.3133, 0.3143



88.8178, 0.3168, 0.3229



18.3693, 0.3134, 0.3127



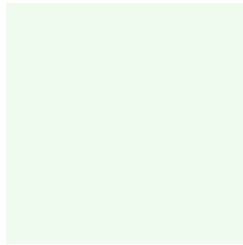
14.2932, 0.3194, 0.1533



1.3255, 0.3196, 0.1534

Previews

White Background



This preview shows how the Yxy color 93.5771, 0.3122, 0.3410 looks on a white background.

Color Contrast Check

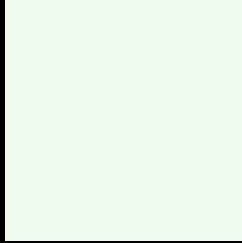
Large Text (above 18pt) WCAG AA × Fail

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 93.5771, 0.3122, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

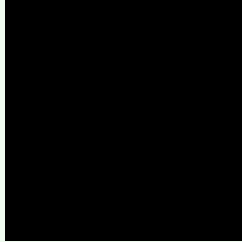
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

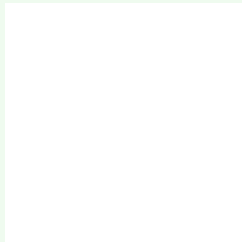
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5771, 0.3122, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 93.5771, 0.3122, 0.3410.

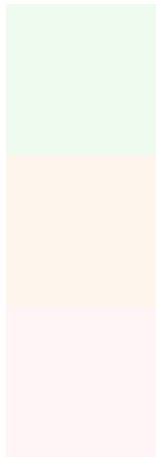


This preview shows how white text looks on a background with the Yxy color 93.5771, 0.3122, 0.3410.

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

93.5771, 0.3122, 0.3410

Protanopia

93.0385, 0.3240, 0.3388

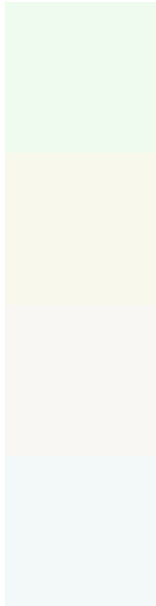
Deuteranopia

93.2186, 0.3186, 0.3281

Tritanopia

93.3344, 0.3074, 0.3212

Trichromacy



Original Color

93.5771, 0.3122, 0.3410

Protanomaly

93.3890, 0.3199, 0.3398

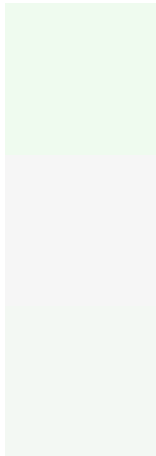
Deuteranomaly

93.1323, 0.3164, 0.3329

Tritanomaly

93.0290, 0.3090, 0.3280

Monochromacy



Original Color

93.5771, 0.3122, 0.3410

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 93.5771, 0.3122, 0.3410 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, 239)` looks like.

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

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, 239) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 93.5771, 0.3122, 0.3410 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, 239) }
```

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

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

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, 239)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 93.5771, 0.3122, 0.3410 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, 239) }
```

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

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

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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