

Converting Colors

$Yxy(89.6226, 0.3103, 0.3386)$

Have a look what the booklet for
Yxy(89.6226, 0.3103, 0.3386)
contains.

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Color

Yxy(89.5184, 0.3104, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	EAF6ED
RGB	234, 246, 237
RGB Percent	92%, 96%, 93%
CMY	0.0822, 0.0353, 0.0706
CMYK	0.05, 0.00, 0.04, 0.04
HSL	135°, 40%, 94%
HSV	135°, 5%, 96%
XYZ	82.1843, 89.5184, 93.0663
YIQ	241.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

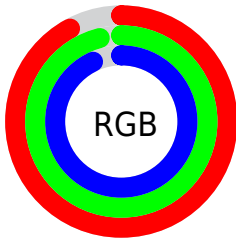
Format	Color
R_{YB}	234, 244, 246
Decimal	15398637
CIE _{Lab}	95.80, -5.54, 2.95
CIE _{LCh}	96, 6.274, 151.976
Y _{xy}	89.5184, 0.3104, 0.3381
Android (android.graphics.Color)	4293588717 (0xFFEAF6ED)
Y _{UV}	241.3860, -2.1623, -6.4775
Hunter-Lab	94.6142, -10.5251, 7.9099

Details

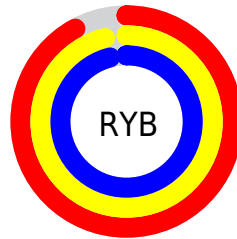
The Yxy color **89.5184, 0.3104, 0.3381** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.9375, 0.3151, 0.3201**, and the grayscale version is **88.3104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.6281, 0.3097, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **84.6153, 0.3056, 0.3587**, and if you desaturate by 10%, it is **94.3875, 0.3131, 0.3204**.

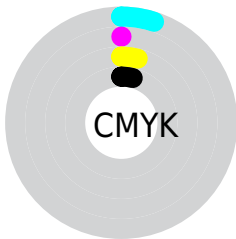
Distribution



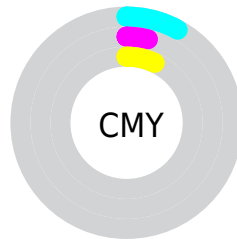
- Red (92%)
- Green (96%)
- Blue (93%)



- Red (92%)
- Yellow (96%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)





- Cyan (8%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5184, 0.3104, 0.3381 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 89.5184, 0.3104, 0.3381 by changing the saturation by 10% instead.

 89.5184, 0.3104,
0.3381

 89.5184, 0.3104,
0.3381


526.4630, 0.3115,
0.3340

 67.5813, 0.3102,
0.3390


146.6692, 0.3108,
0.3367

 49.5572, 0.3099,
0.3401


182.6518, 0.3109,
0.3362

 35.0617, 0.3095,
0.3415


224.0849, 0.3110,
0.3357

 23.7104, 0.3091,
0.3433

271.3529, 0.3111,
0.3353

 15.1189, 0.3084,
0.3456

324.8404, 0.3112,
0.3349

 8.9029, 0.3076,
0.3489

384.9316, 0.3113,

 4.6779, 0.3062,

0.3346

0.3538

452.0110, 0.3114,
0.3343

■ 2.0595, 0.3040,
0.3620

■ 0.6417, 0.2950,
0.3988

■ 89.5184, 0.3104,
0.3381

■ 89.5184, 0.3104,
0.3381

■ 84.6153, 0.3056,
0.3587

■ 94.3875, 0.3131,
0.3204

■ 80.3712, 0.3009,
0.3818

■ 76.7611, 0.2965,
0.4073

■ 73.7540, 0.2927,
0.4348

■ 71.3162, 0.2897,
0.4635

■ 69.4107, 0.2880,
0.4924

■ 67.9960, 0.2876,
0.5200

■ 67.0241, 0.2887,
0.5448

■ 66.4367, 0.2912,
0.5653

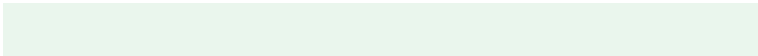
Harmonies

Analogous

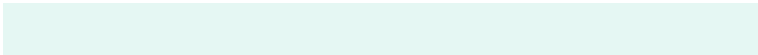
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5184, 0.3175, 0.3411



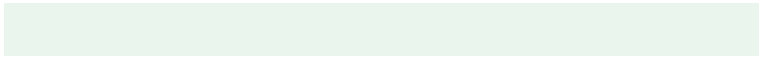
89.5184, 0.3104, 0.3381



89.5184, 0.3040, 0.3326

Triad

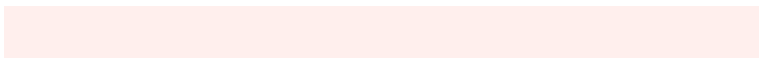
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5184, 0.3104, 0.3381



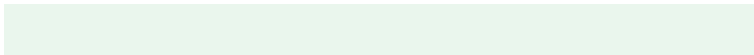
89.5184, 0.3021, 0.3174



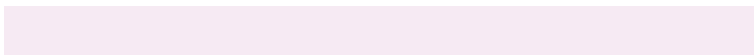
89.5184, 0.3257, 0.3316

Complementary

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



89.5184, 0.3104, 0.3381



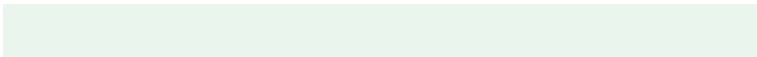
84.9375, 0.3151, 0.3201

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.



89.5184, 0.3215, 0.3254



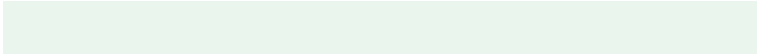
89.5184, 0.3104, 0.3381



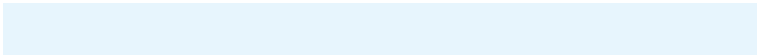
89.5184, 0.3078, 0.3173

Square

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



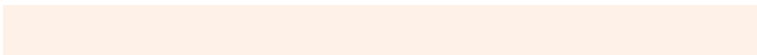
89.5184, 0.3104, 0.3381



89.5184, 0.2992, 0.3207



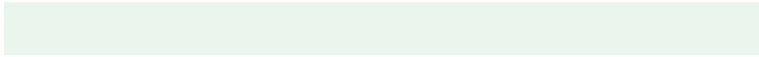
89.5184, 0.3149, 0.3202



89.5184, 0.3264, 0.3372

Rectangle

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



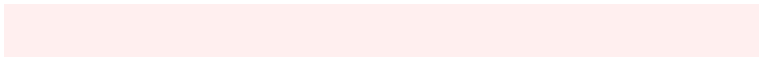
89.5184, 0.3104, 0.3381



89.5184, 0.3009, 0.3283



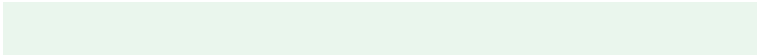
89.5184, 0.3149, 0.3202



89.5184, 0.3247, 0.3295

Sweetspot

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



89.5222, 0.3104, 0.3381



99.3965, 0.3122, 0.3308



90.9420, 0.3181, 0.3409



21.2813, 0.3123, 0.3307



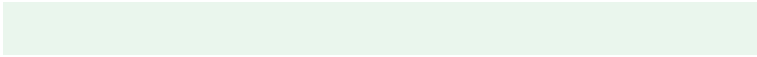
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

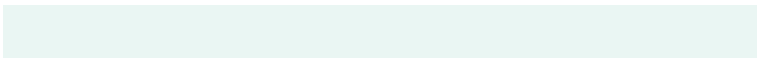
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5222, 0.3104, 0.3381



96.4930, 0.3098, 0.3404



89.8673, 0.3070, 0.3322



18.8434, 0.3095, 0.3416



35.3784, 0.2920, 0.5713



3.1251, 0.2855, 0.5478

Inverse Universe

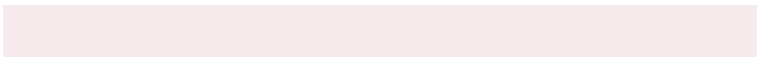
The Inverse Universe completely reimagines the original color for something new.



84.9375, 0.3151, 0.3201



90.3825, 0.3157, 0.3179



84.5920, 0.3188, 0.3258



17.5265, 0.3160, 0.3167



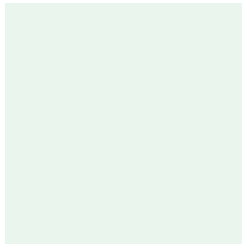
12.3555, 0.3953, 0.1951



1.1022, 0.3839, 0.1889

Previews

White Background



This preview shows how the Yxy color 89.5184, 0.3104, 0.3381 looks on a white background.

Color Contrast Check

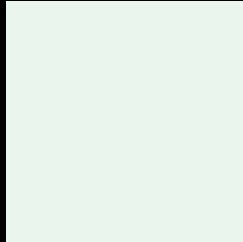
Large Text (above 18pt) WCAG AA × Fail

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 89.5184, 0.3104, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

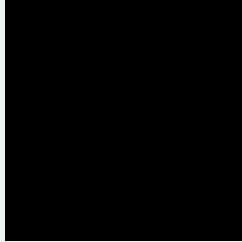
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

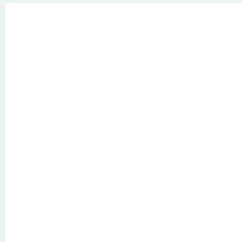
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.5184, 0.3104, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 89.5184, 0.3104, 0.3381.

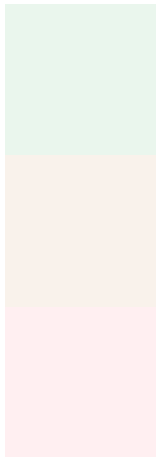


This preview shows how white text looks on a background with the Yxy color 89.5184, 0.3104, 0.3381.

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

89.5184, 0.3104, 0.3381

Protanopia

89.6422, 0.3216, 0.3359

Deuteranopia

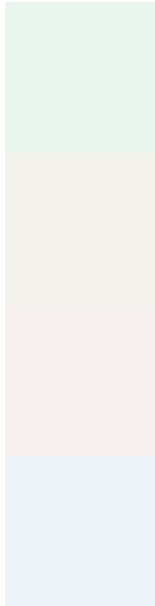
89.3439, 0.3221, 0.3271



Tritanopia

89.2495, 0.3037, 0.3161

Trichromacy



Original Color

89.5184, 0.3104, 0.3381

Protanomaly

89.3904, 0.3176, 0.3360

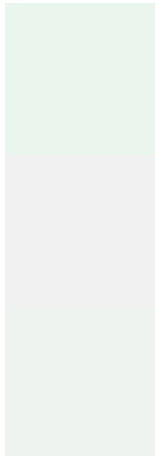
Deuteranomaly

89.5697, 0.3172, 0.3310

Tritanomaly

89.0556, 0.3065, 0.3240

Monochromacy



Original Color

89.5184, 0.3104, 0.3381

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.5696, 0.3113, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5184, 0.3104, 0.3381 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(234, 246, 237)` looks like.

```
.text, #text, p{  
    color:rgb(234, 246, 237)  
}
```

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(234, 246, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 246, 237) }
```

Border

The CSS property to change the border of an element to Yxy 89.5184, 0.3104, 0.3381 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(234, 246, 237) }
```

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

```
.border{ border-color:rgb(234, 246, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 246, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 246,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 89.5184, 0.3104, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 246, 237) }
```

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

```
.background{ background-color: rgb(234,  
246, 237) }
```

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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