

Converting Colors

$Yxy(93.5522, 0.3066, 0.3363)$

Have a look what the booklet for
Yxy(93.5522, 0.3066, 0.3363)
contains.

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Color

Yxy(93.8146, 0.3067, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	EBFCF4
RGB	235, 252, 244
RGB Percent	92%, 99%, 96%
CMY	0.0787, 0.0117, 0.0432
CMYK	0.07, 0.00, 0.03, 0.01
HSL	152°, 74%, 95%
HSV	152°, 7%, 99%
XYZ	85.3796, 93.8146, 99.1874
YIQ	246.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

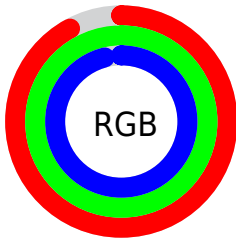
Format	Color
R _Y B	235, 246, 252
Decimal	15465716
CIE Lab	97.56, -7.03, 1.91
CIE LCh	98, 7.287, 164.803
Yxy	93.8146, 0.3067, 0.3370
Android (android.graphics.Color)	4293655796 (0xFFEBFCF4)
YUV	246.0050, -0.9885, -9.6514
Hunter-Lab	96.8579, -12.1548, 7.0846

Details

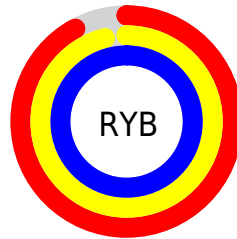
The Yxy color 93.8146, 0.3067, 0.3370 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.5414, 0.3192, 0.3211, and the grayscale version is 92.1687, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.2448, 0.3052, 0.3379 is the 20% darker color. If you saturate the color by 10%, you get 89.1337, 0.2980, 0.3500, and if you desaturate by 10%, it is 98.1186, 0.3128, 0.3262.

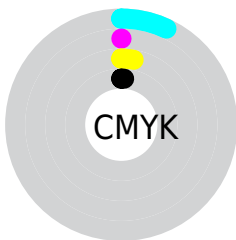
Distribution



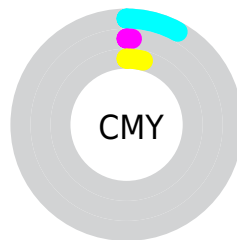
- Red (92%)
- Green (99%)
- Blue (96%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)




- Cyan (8%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.8146, 0.3067, 0.3370 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 93.8146, 0.3067, 0.3370 by changing the saturation by 10% instead.


 93.8146, 0.3067,
0.3370

 93.8146, 0.3067,
0.3370

540.3631, 0.3094,
0.3335

 71.1488, 0.3061,
0.3378


152.6259, 0.3076,
0.3358

 52.4636, 0.3054,
0.3387


189.5402, 0.3080,
0.3353

 37.3747, 0.3045,
0.3399


231.9727, 0.3083,
0.3349

 25.4978, 0.3034,
0.3414

280.3079, 0.3086,
0.3345

 16.4483, 0.3019,
0.3434

334.9301, 0.3088,
0.3342

 9.8419, 0.2998,
0.3462

396.2238, 0.3090,

 5.2943, 0.2968,

0.3339

0.3502

464.5733, 0.3092,
0.3337

■ 2.4209, 0.2920,
0.3568

■ 0.8366, 0.2787,
0.3739

■ 93.8146, 0.3067,
0.3370

■ 93.8146, 0.3067,
0.3370

■ 89.1337, 0.2980,
0.3500

■ 98.1186, 0.3128,
0.3262


■ 85.0765, 0.2898,
0.3643


■ 81.6187, 0.2823,
0.3800


■ 78.7301, 0.2758,
0.3969

 76.3776, 0.2707,
0.4148

 74.5247, 0.2674,
0.4333

 73.1300, 0.2660,
0.4520

 72.1451, 0.2667,
0.4704

 71.5090, 0.2694,
0.4880

Harmonies

Analogous

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



93.8146, 0.3148, 0.3418



93.8146, 0.3067, 0.3370



93.8146, 0.3003, 0.3300

Triad

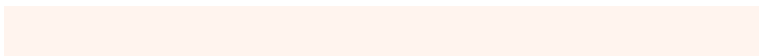
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.8146, 0.3067, 0.3370



93.8146, 0.3031, 0.3153



93.8146, 0.3285, 0.3349

Complementary

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



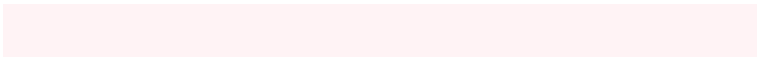
93.8146, 0.3067, 0.3370



86.5414, 0.3192, 0.3211

Split Complementary

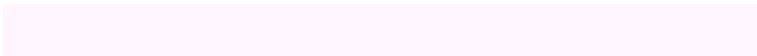
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.8146, 0.3253, 0.3279



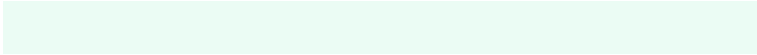
93.8146, 0.3067, 0.3370



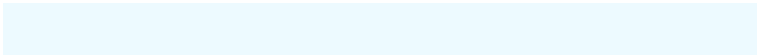
93.8146, 0.3105, 0.3166

Square

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



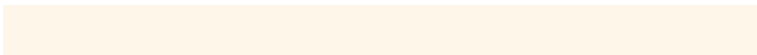
93.8146, 0.3067, 0.3370



93.8146, 0.2982, 0.3175



93.8146, 0.3187, 0.3212



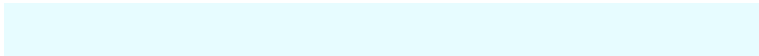
93.8146, 0.3274, 0.3404

Rectangle

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



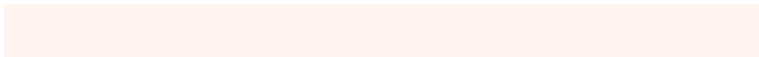
93.8146, 0.3067, 0.3370



93.8146, 0.2978, 0.3251



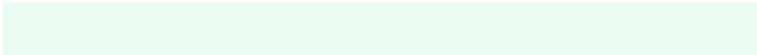
93.8146, 0.3187, 0.3212



93.8146, 0.3279, 0.3326

Sweetspot

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



93.8186, 0.3067, 0.3370



98.8921, 0.3109, 0.3313



94.7208, 0.3171, 0.3460



21.1786, 0.3110, 0.3312



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

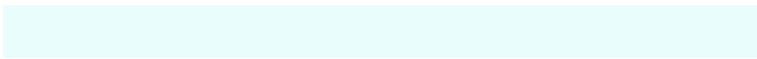
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.8186, 0.3067, 0.3370



95.7321, 0.3056, 0.3385



94.1386, 0.3022, 0.3287



19.4631, 0.3043, 0.3404



37.1871, 0.2696, 0.4907



3.4656, 0.2638, 0.4698

Inverse Universe

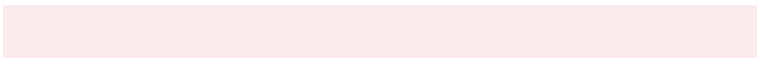
The Inverse Universe completely reimagines the original color for something new.



86.5414, 0.3192, 0.3211



86.9908, 0.3204, 0.3197



86.2298, 0.3243, 0.3293



17.3610, 0.3220, 0.3179



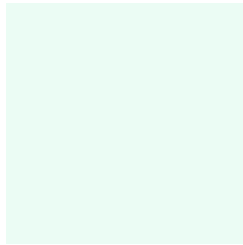
11.4961, 0.5090, 0.2578



1.0860, 0.4807, 0.2422

Previews

White Background



This preview shows how the Yxy color 93.8146, 0.3067, 0.3370 looks on a white background.

Color Contrast Check

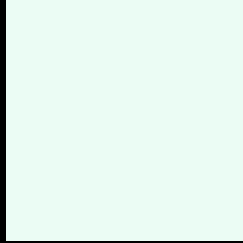
Large Text (above 18pt) WCAG AA × Fail

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 93.8146, 0.3067, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

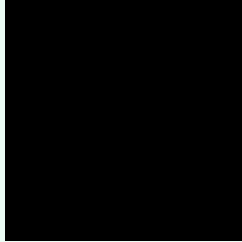
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

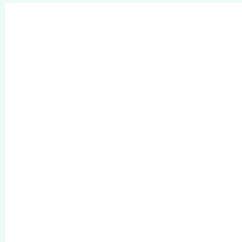
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.8146, 0.3067, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 93.8146, 0.3067, 0.3370.

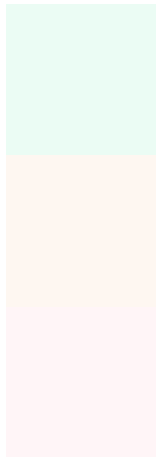


This preview shows how white text looks on a background with the Yxy color 93.8146, 0.3067, 0.3370.

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

93.8146, 0.3067, 0.3370

Protanopia

93.9432, 0.3208, 0.3348

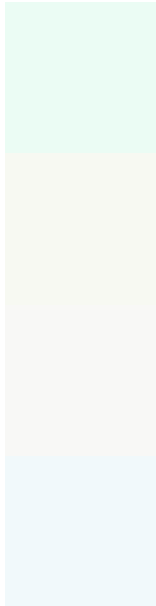
Deuteranopia

93.2802, 0.3180, 0.3271

Tritanopia

93.7673, 0.3067, 0.3222

Trichromacy



Original Color

93.8146, 0.3067, 0.3370

Protanomaly

93.9363, 0.3156, 0.3359

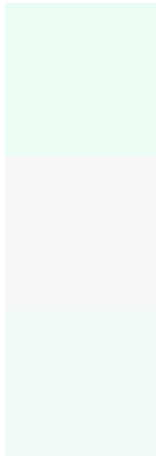
Deuteranomaly

93.7451, 0.3139, 0.3310

Tritanomaly

93.4172, 0.3065, 0.3270

Monochromacy



Original Color

93.8146, 0.3067, 0.3370

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.6046, 0.3107, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.8146, 0.3067, 0.3370 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(235, 252, 244)` looks like.

```
.text, #text, p{  
    color:rgb(235, 252, 244)  
}
```

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(235, 252, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 252, 244) }
```

Border

The CSS property to change the border of an element to Yxy 93.8146, 0.3067, 0.3370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

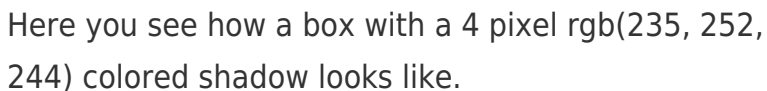
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 252, 244) }
```

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

```
.border{ border-color:rgb(235, 252, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 252, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 252, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 252, 244); box-shadow:4px 4px 4px 4px rgb(235, 252, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8146, 0.3067, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 252, 244) }
```

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

```
.background{ background-color: rgb(235,  
252, 244) }
```

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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