

Converting Colors

Yxy(93.2594, 0.3047, 0.3411)

Have a look what the booklet for
Yxy(93.2594, 0.3047, 0.3411)
contains.

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Color

Yxy(93.2594, 0.3047, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	E5FDF1
RGB	229, 253, 241
RGB Percent	90%, 99%, 95%
CMY	0.1021, 0.0078, 0.0548
CMYK	0.10, 0.00, 0.05, 0.01
HSL	150°, 86%, 95%
HSV	150°, 10%, 99%
XYZ	83.3074, 93.2594, 96.8410
YIQ	244.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

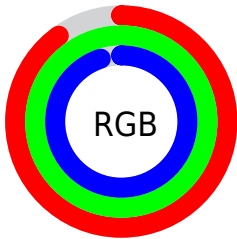
Format	Color
R_{YB}	229, 245, 253
Decimal	15072753
CIE _{Lab}	97.33, -10.00, 3.06
CIE _{LCh}	97, 10.459, 162.964
Y _{xy}	93.2594, 0.3047, 0.3411
Android (android.graphics.Color)	4293262833 (0xFFE5FDF1)
YUV	244.4560, -1.7038, -13.5549
Hunter-Lab	96.5709, -15.0152, 8.1438

Details

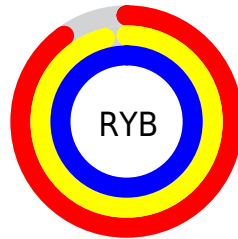
The Yxy color **93.2594, 0.3047, 0.3411** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.2501, 0.3216, 0.3172**, and the grayscale version is **90.8694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8669, 0.3027, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **88.6727, 0.2965, 0.3553**, and if you desaturate by 10%, it is **98.5127, 0.3131, 0.3284**.

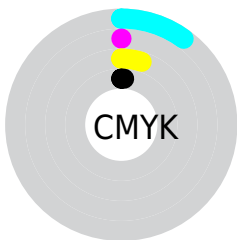
Distribution



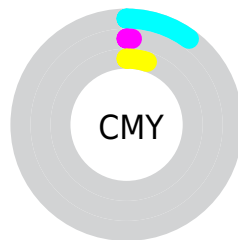
- Red (90%)
- Green (99%)
- Blue (95%)



- Red (90%)
- Yellow (96%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2594, 0.3047, 0.3411 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 93.2594, 0.3047, 0.3411 by changing the saturation by 10% instead.


 93.2594, 0.3047,
0.3411

 93.2594, 0.3047,
0.3411

538.5775, 0.3083,
0.3357

 70.6871, 0.3039,
0.3423


151.8577, 0.3059,
0.3393

 52.0869, 0.3030,
0.3437


188.6525, 0.3064,
0.3385

 37.0744, 0.3018,
0.3456


230.9569, 0.3068,
0.3379

 25.2651, 0.3002,
0.3479

279.1554, 0.3072,
0.3374

 16.2746, 0.2982,
0.3509

333.6323, 0.3075,
0.3369

 9.7187, 0.2954,
0.3552

394.7720, 0.3078,

 5.2129, 0.2913,

0.3364

0.3615

462.9590, 0.3080,
0.3361

■ 2.3727, 0.2846,
0.3718

■ 0.8118, 0.2626,
0.4041

■ 93.2594, 0.3047,
0.3411

■ 93.2594, 0.3047,
0.3411

■ 88.6727, 0.2965,
0.3553

■ 98.5127, 0.3131,
0.3284

■ 84.7137, 0.2888,
0.3710

■ 98.7401, 0.3128,
0.3271

■ 81.3571, 0.2818,
0.3881

■ 78.5715, 0.2760,
0.4065

■ 76.3225, 0.2716,
0.4258

■ 74.5717, 0.2690,
0.4456

■ 73.2755, 0.2684,
0.4654

■ 72.3822, 0.2699,
0.4846

■ 71.8120, 0.2730,
0.5027

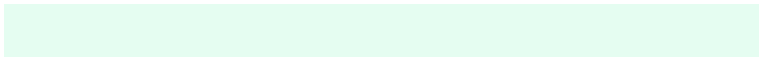
Harmonies

Analogous

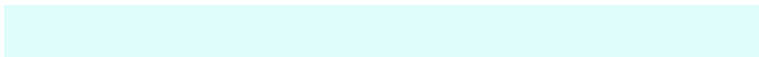
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2594, 0.3163, 0.3478



93.2594, 0.3047, 0.3411



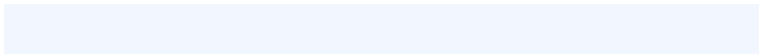
93.2594, 0.2954, 0.3310

Triad

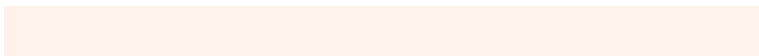
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.2594, 0.3047, 0.3411



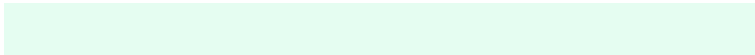
93.2594, 0.2983, 0.3094



93.2594, 0.3353, 0.3367

Complementary

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



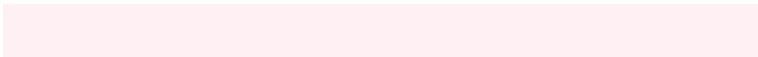
93.2594, 0.3047, 0.3411



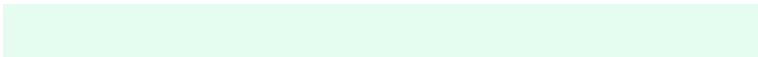
83.2501, 0.3216, 0.3172

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.



93.2594, 0.3303, 0.3267



93.2594, 0.3047, 0.3411



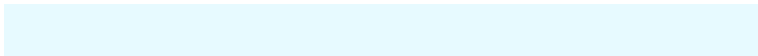
93.2594, 0.3088, 0.3111

Square

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



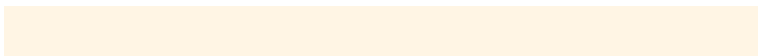
93.2594, 0.3047, 0.3411



93.2594, 0.2917, 0.3128



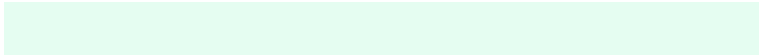
93.2594, 0.3206, 0.3174



93.2594, 0.3341, 0.3450

Rectangle

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



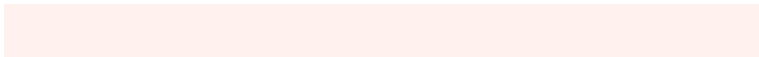
93.2594, 0.3047, 0.3411



93.2594, 0.2916, 0.3239



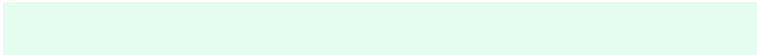
93.2594, 0.3206, 0.3174



93.2594, 0.3343, 0.3334

Sweetspot

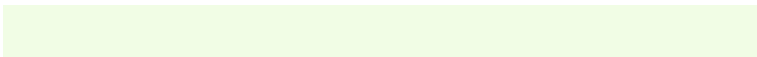
The Sweet Spot groups the original color and five complimentary colors.



93.2634, 0.3047, 0.3411



98.3345, 0.3102, 0.3327



94.6135, 0.3192, 0.3530



20.9546, 0.3095, 0.3337



0.0000, 0.0000, 0.0000



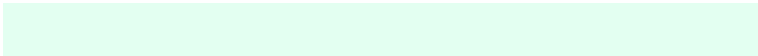
21.4041, 0.3127, 0.3290

Same Dimension

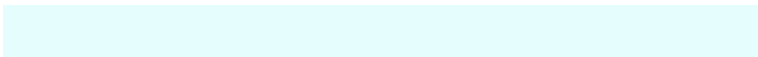
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2634, 0.3047, 0.3411



94.1942, 0.3035, 0.3431



94.0043, 0.2980, 0.3290



20.3201, 0.3047, 0.3411



38.2127, 0.2724, 0.5007



3.7427, 0.2667, 0.4799

Inverse Universe

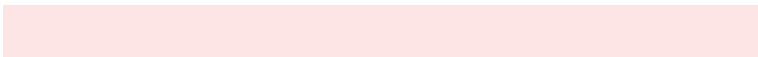
The Inverse Universe completely reimagines the original color for something new.



83.2501, 0.3216, 0.3172



82.5181, 0.3231, 0.3153



82.5566, 0.3295, 0.3291



18.1382, 0.3216, 0.3172



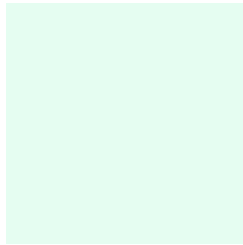
11.9421, 0.4970, 0.2511



1.1848, 0.4715, 0.2371

Previews

White Background



This preview shows how the Yxy color 93.2594, 0.3047, 0.3411 looks on a white background.

Color Contrast Check

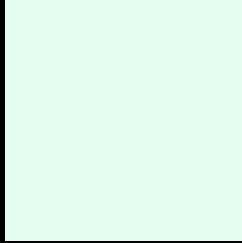
Large Text (above 18pt) WCAG AA × Fail

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 93.2594, 0.3047, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

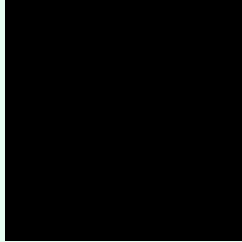
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

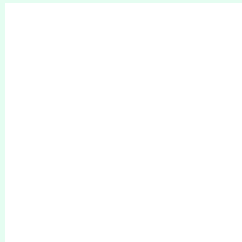
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2594, 0.3047, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 93.2594, 0.3047, 0.3411.

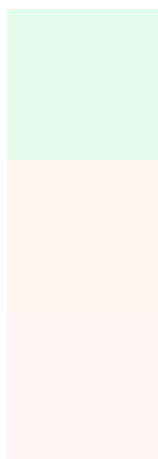


This preview shows how white text looks on a background with the Yxy color 93.2594, 0.3047, 0.3411.

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

93.2594, 0.3047, 0.3411

Protanopia

93.0968, 0.3233, 0.3378

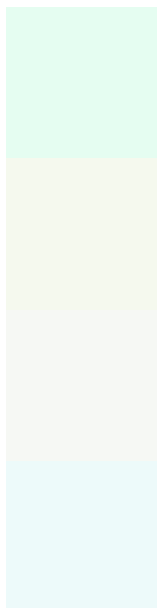
Deuteranopia

93.2186, 0.3186, 0.3281

Tritanopia

93.2320, 0.3049, 0.3221

Trichromacy



Original Color

93.2594, 0.3047, 0.3411

Protanomaly

93.3369, 0.3167, 0.3399

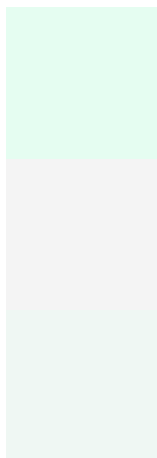
Deuteranomaly

93.2593, 0.3138, 0.3329

Tritanomaly

93.2779, 0.3046, 0.3290

Monochromacy



Original Color

93.2594, 0.3047, 0.3411

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.3433, 0.3100, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2594, 0.3047, 0.3411 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(229, 253, 241)` looks like.

```
.text, #text, p{  
    color:rgb(229, 253, 241)  
}
```

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(229, 253, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 253, 241) }
```

Border

The CSS property to change the border of an element to Yxy 93.2594, 0.3047, 0.3411 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(229, 253, 241) }
```

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

```
.border{ border-color:rgb(229, 253, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 253, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 253, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 253, 241);  
box-shadow:4px 4px 4px 4px rgb(229, 253,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2594, 0.3047, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 253, 241) }
```

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

```
.background{ background-color: rgb(229,  
253, 241) }
```

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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