

Converting Colors

$Yxy(95.9737, 0.3047, 0.3472)$

Have a look what the booklet for
Yxy(95.9737, 0.3047, 0.3472)
contains.

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Color

Yxy(94.3053, 0.3047, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	E4FFF0
RGB	228, 255, 240
RGB Percent	89%, 100%, 94%
CMY	0.1055, 0.0001, 0.0588
CMYK	0.11, 0.00, 0.06, 0.00
HSL	147°, 100%, 95%
HSV	147°, 11%, 100%
XYZ	83.5072, 94.3053, 96.2512
YIQ	245.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

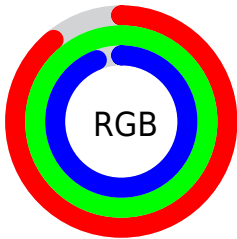
Format	Color
R _Y B	228, 247, 255
Decimal	15007728
CIE _{Lab}	97.75, -11.44, 4.18
CIE _{LCh}	98, 12.178, 159.909
Y _{xy}	94.3053, 0.3047, 0.3441
Android (android.graphics.Color)	4293197808 (0xFFE4FFF0)
Y _{UV}	245.2170, -2.5720, -15.0993
Hunter-Lab	97.1109, -16.4492, 9.2126

Details

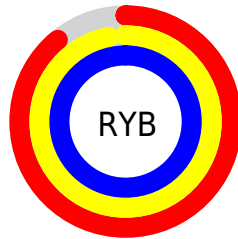
The Yxy color **94.3053, 0.3047, 0.3441** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.2708, 0.3216, 0.3144**, and the grayscale version is **91.5376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.6195, 0.3026, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **89.6288, 0.2973, 0.3602**, and if you desaturate by 10%, it is **99.6708, 0.3123, 0.3297**.

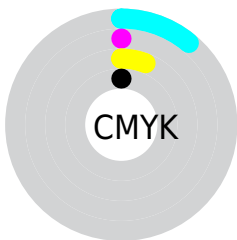
Distribution



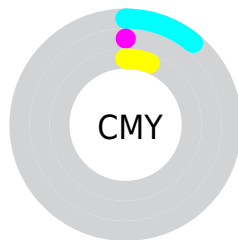
- Red (89%)
- Green (100%)
- Blue (94%)



- Red (89%)
- Yellow (97%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3053, 0.3047, 0.3441 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 94.3053, 0.3047, 0.3441 by changing the saturation by 10% instead.

 94.3053, 0.3047,
0.3441

 94.3053, 0.3047,
0.3441


541.9386, 0.3083,
0.3374

 71.5569, 0.3039,
0.3456


153.3045, 0.3059,
0.3418

 52.7968, 0.3029,
0.3474

190.3241, 0.3064,
0.3409

 37.6406, 0.3017,
0.3497


232.8696, 0.3068,
0.3401

 25.7039, 0.3002,
0.3526

281.3253, 0.3072,
0.3394

 16.6022, 0.2982,
0.3564

336.0756, 0.3075,
0.3388

 9.9513, 0.2954,
0.3617

397.5051, 0.3078,

 5.3667, 0.2912,

0.3383

0.3696

465.9979, 0.3081,
0.3378

■ 2.4640, 0.2844,
0.3826

■ 0.8585, 0.2634,
0.4213

■ 94.3053, 0.3047,
0.3441

■ 94.3053, 0.3047,
0.3441

■ 89.6288, 0.2973,
0.3602

99.6708, 0.3123,
0.3297

■ 85.6011, 0.2903,
0.3780

99.9873, 0.3127,
0.3290

■ 82.1958, 0.2841,
0.3974

■ 79.3801, 0.2790,
0.4182

■ 77.1180, 0.2753,
0.4400

■ 75.3695, 0.2733,
0.4621

■ 74.0889, 0.2733,
0.4840

■ 73.2216, 0.2752,
0.5047

■ 72.7009, 0.2785,
0.5228

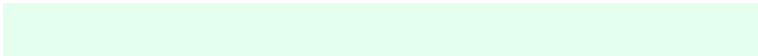
Harmonies

Analogous

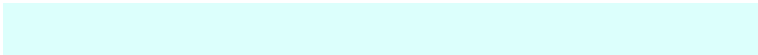
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3053, 0.3182, 0.3513



94.3053, 0.3047, 0.3441



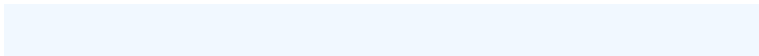
94.3053, 0.2935, 0.3326

Triad

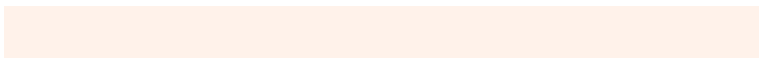
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.3053, 0.3047, 0.3441



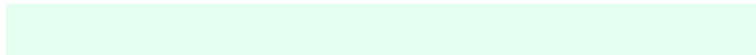
94.3053, 0.2950, 0.3064



94.3053, 0.3387, 0.3367

Complementary

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



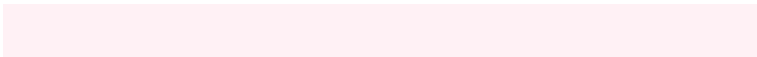
94.3053, 0.3047, 0.3441



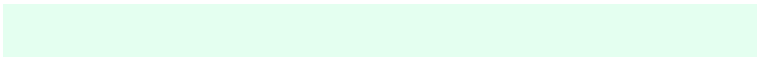
83.2708, 0.3216, 0.3144

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.



94.3053, 0.3322, 0.3251



94.3053, 0.3047, 0.3441



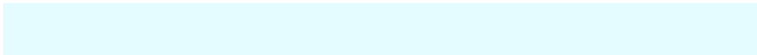
94.3053, 0.3068, 0.3078

Square

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



94.3053, 0.3047, 0.3441



94.3053, 0.2880, 0.3109



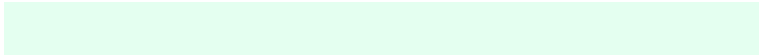
94.3053, 0.3204, 0.3146



94.3053, 0.3380, 0.3467

Rectangle

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



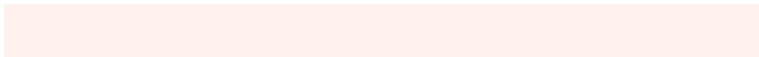
94.3053, 0.3047, 0.3441



94.3053, 0.2888, 0.3243



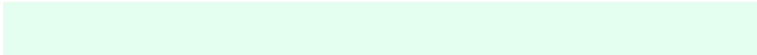
94.3053, 0.3204, 0.3146



94.3053, 0.3373, 0.3329

Sweetspot

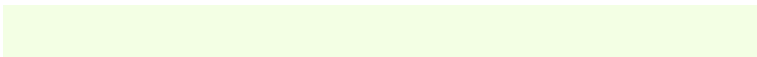
The Sweet Spot groups the original color and five complimentary colors.



94.3093, 0.3047, 0.3441



98.3066, 0.3104, 0.3331



96.2276, 0.3210, 0.3557



20.9471, 0.3098, 0.3342



0.0000, 0.0000, 0.0000



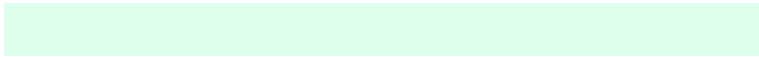
21.4041, 0.3127, 0.3290

Same Dimension

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



94.3093, 0.3047, 0.3441



93.1140, 0.3029, 0.3479



95.1209, 0.2974, 0.3307



20.3020, 0.3055, 0.3425



38.0235, 0.2777, 0.5197



3.7238, 0.2716, 0.4976

Inverse Universe

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



83.2708, 0.3216, 0.3144



79.7321, 0.3239, 0.3108



82.5030, 0.3303, 0.3273



18.1564, 0.3207, 0.3158



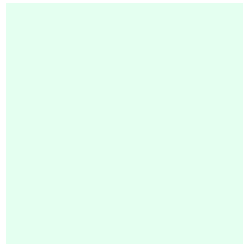
12.1588, 0.4725, 0.2376



1.2059, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 94.3053, 0.3047, 0.3441 looks on a white background.

Color Contrast Check

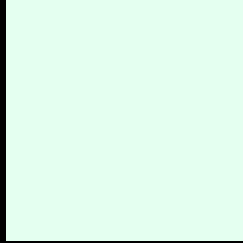
Large Text (above 18pt) WCAG AA × Fail

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 94.3053, 0.3047, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

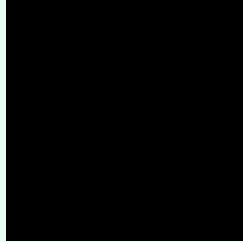
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

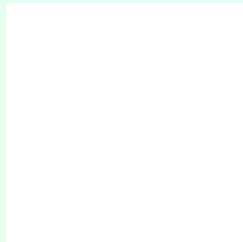
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.3053, 0.3047, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 94.3053, 0.3047, 0.3441.

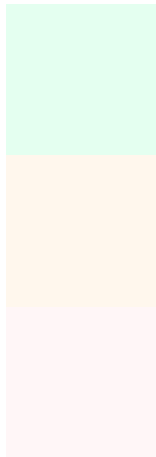


This preview shows how white text looks on a background with the Yxy color 94.3053, 0.3047, 0.3441.

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

94.3053, 0.3047, 0.3441

Protanopia

93.8960, 0.3239, 0.3387

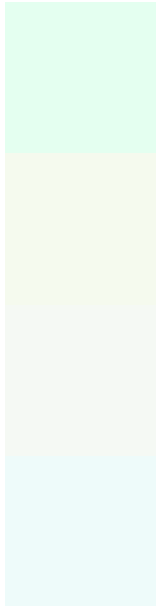
Deuteranopia

93.8869, 0.3179, 0.3281

Tritanopia

94.2045, 0.3061, 0.3231

Trichromacy



Original Color

94.3053, 0.3047, 0.3441

Protanomaly

93.9567, 0.3166, 0.3408

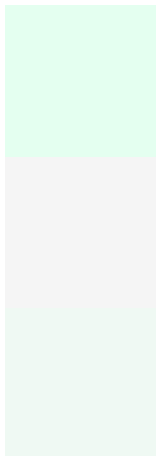
Deuteranomaly

93.6955, 0.3131, 0.3339

Tritanomaly

94.0736, 0.3052, 0.3300

Monochromacy



Original Color

94.3053, 0.3047, 0.3441

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.5732, 0.3099, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3053, 0.3047, 0.3441 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(228, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 240)  
}
```

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(228, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 240) }
```

Border

The CSS property to change the border of an element to Yxy 94.3053, 0.3047, 0.3441 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(228, 255, 240) }
```

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

```
.border{ border-color:rgb(228, 255, 240) }
```

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

Here you see how a box with a 4 pixel rgb(228, 255, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3053, 0.3047, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 240) }
```

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

```
.background{ background-color: rgb(228,  
255, 240) }
```

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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