

Converting Colors

$Yxy(94.7359, 0.3038, 0.3409)$

Have a look what the booklet for
Yxy(94.7359, 0.3038, 0.3409)
contains.

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Color

Yxy(94.6491, 0.3036, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFF3
RGB	229, 255, 243
RGB Percent	90%, 100%, 95%
CMY	0.1020, 0.0000, 0.0472
CMYK	0.10, 0.00, 0.05, 0.00
HSL	152°, 100%, 95%
HSV	152°, 10%, 100%
XYZ	84.2435, 94.6491, 98.5893
YIQ	245.8580, -11.6440, -9.2440

Conversions

Conversions Part 2

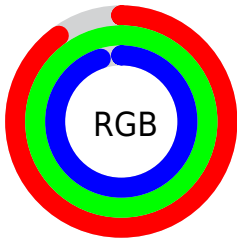
Format	Color
R _Y B	229, 246, 255
Decimal	15073267
CIE _{Lab}	97.89, -10.63, 2.88
CIE _{LCh}	98, 11.012, 164.842
Y _{xy}	94.6491, 0.3036, 0.3411
Android (android.graphics.Color)	4293263347 (0xFFE5FFF3)
YUV	245.8580, -1.4090, -14.7845
Hunter-Lab	97.2878, -15.6867, 8.0182

Details

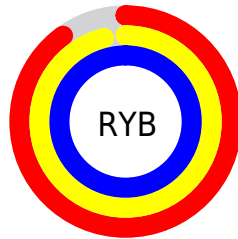
The Yxy color **94.6491, 0.3036, 0.3411** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.6476, 0.3229, 0.3172**, and the grayscale version is **92.0505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8603, 0.3012, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **90.0640, 0.2949, 0.3543**, and if you desaturate by 10%, it is **99.8888, 0.3125, 0.3292**.

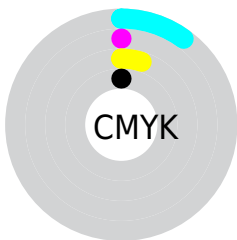
Distribution



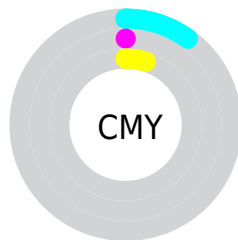
- Red (90%)
- Green (100%)
- Blue (95%)



- Red (90%)
- Yellow (96%)
- Blue (100%)



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




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.6491, 0.3036, 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 94.6491, 0.3036, 0.3411 by changing the saturation by 10% instead.

 94.6491, 0.3036,
0.3411

 94.6491, 0.3036,
0.3411

543.0410, 0.3077,
0.3357

 71.8430, 0.3027,
0.3423


153.7797, 0.3050,
0.3393

 53.0304, 0.3016,
0.3437


190.8730, 0.3055,
0.3385

 37.8270, 0.3003,
0.3455


233.4975, 0.3060,
0.3379

 25.8485, 0.2986,
0.3478

282.0375, 0.3064,
0.3374

 16.7103, 0.2963,
0.3508

336.8774, 0.3068,
0.3369

 10.0282, 0.2932,
0.3550

398.4017, 0.3071,

 5.4176, 0.2887,

0.3365

0.3612

466.9948, 0.3074,
0.3361

■ 2.4943, 0.2813,
0.3713

■ 0.8738, 0.2602,
0.3981

■ 94.6491, 0.3036,
0.3411

■ 94.6491, 0.3036,
0.3411

■ 90.0640, 0.2949,
0.3543

99.8888, 0.3125,
0.3292

■ 86.1169, 0.2868,
0.3689

100.0000, 0.3127,
0.3290

■ 82.7746, 0.2796,
0.3848

■ 80.0050, 0.2735,
0.4019

■ 77.7730, 0.2689,
0.4197

■ 76.0395, 0.2662,
0.4381

■ 74.7599, 0.2654,
0.4565

■ 73.8809, 0.2668,
0.4744

■ 73.3244, 0.2698,
0.4912

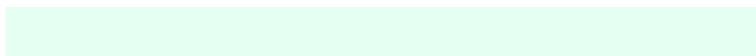
Harmonies

Analogous

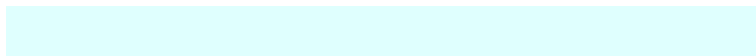
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6491, 0.3157, 0.3484



94.6491, 0.3036, 0.3411



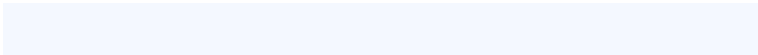
94.6491, 0.2941, 0.3304

Triad

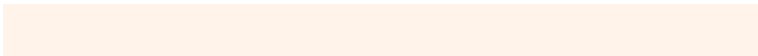
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.6491, 0.3036, 0.3411



94.6491, 0.2982, 0.3084



94.6491, 0.3365, 0.3377

Complementary

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



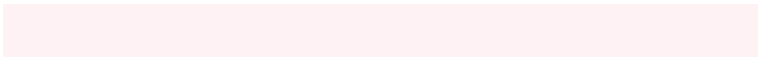
94.6491, 0.3036, 0.3411



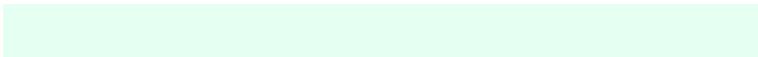
83.6476, 0.3229, 0.3172

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.



94.6491, 0.3317, 0.3272



94.6491, 0.3036, 0.3411



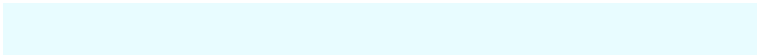
94.6491, 0.3094, 0.3105

Square

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



94.6491, 0.3036, 0.3411



94.6491, 0.2910, 0.3116



94.6491, 0.3217, 0.3174



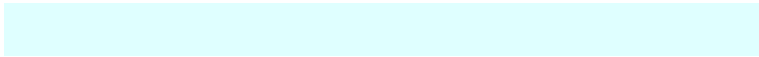
94.6491, 0.3349, 0.3462

Rectangle

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



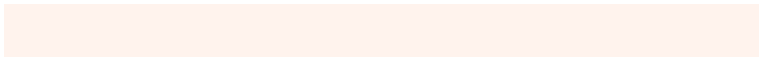
94.6491, 0.3036, 0.3411



94.6491, 0.2904, 0.3230



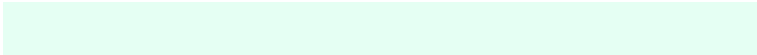
94.6491, 0.3217, 0.3174



94.6491, 0.3356, 0.3343

Sweetspot

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



94.6455, 0.3036, 0.3411



98.3518, 0.3100, 0.3324



95.9003, 0.3191, 0.3549



20.9593, 0.3093, 0.3333



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.



94.6455, 0.3036, 0.3411



93.7722, 0.3020, 0.3434



94.8450, 0.2970, 0.3281



20.3313, 0.3042, 0.3402



38.3441, 0.2690, 0.4884



3.7555, 0.2635, 0.4687

Inverse Universe

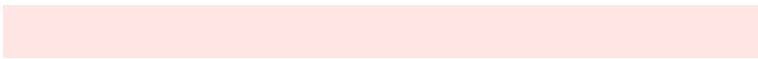
The Inverse Universe completely reimagines the original color for something new.



83.6476, 0.3229, 0.3172



80.9930, 0.3249, 0.3151



83.4324, 0.3307, 0.3299



18.1270, 0.3221, 0.3180



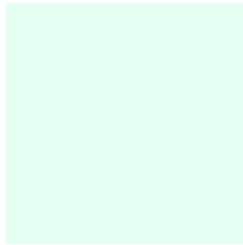
11.8224, 0.5121, 0.2595



1.1729, 0.4847, 0.2444

Previews

White Background



This preview shows how the Yxy color 94.6491, 0.3036, 0.3411 looks on a white background.

Color Contrast Check

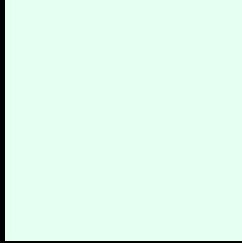
Large Text (above 18pt) WCAG AA × Fail

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 94.6491, 0.3036, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

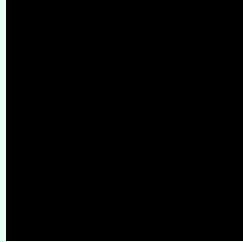
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

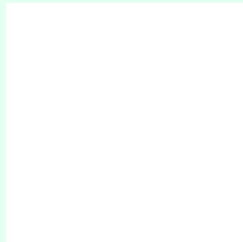
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.6491, 0.3036, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 94.6491, 0.3036, 0.3411.

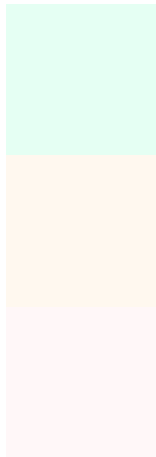


This preview shows how white text looks on a background with the Yxy color 94.6491, 0.3036, 0.3411.

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

94.6491, 0.3036, 0.3411

Protanopia

94.6268, 0.3226, 0.3377

Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

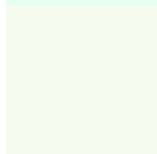
94.3838, 0.3067, 0.3232

Trichromacy



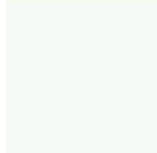
Original Color

94.6491, 0.3036, 0.3411



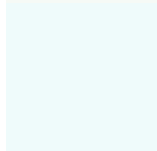
Protanomaly

94.8785, 0.3160, 0.3398



Deuteranomaly

94.6179, 0.3125, 0.3329



Tritanomaly

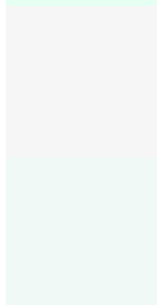
94.3101, 0.3052, 0.3290

Monochromacy



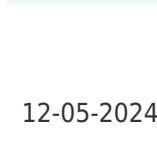
Original Color

94.6491, 0.3036, 0.3411



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.8692, 0.3094, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6491, 0.3036, 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, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 243)  
}
```

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, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 243) }
```

Border

The CSS property to change the border of an element to Yxy 94.6491, 0.3036, 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, 255, 243) }
```

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

```
.border{ border-color:rgb(229, 255, 243) }
```

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

Here you see how a box with a 4 pixel rgb(229, 255, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6491, 0.3036, 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, 255, 243) }
```

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

```
.background{ background-color: rgb(229,  
255, 243) }
```

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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