

Converting Colors

$Yxy(94.5178, 0.3040, 0.3423)$

Have a look what the booklet for
Yxy(94.5178, 0.3040, 0.3423)
contains.

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Color

Yxy(94.5888, 0.3041, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFF2
RGB	229, 255, 242
RGB Percent	90%, 100%, 95%
CMY	0.1022, 0.0000, 0.0510
CMYK	0.10, 0.00, 0.05, 0.00
HSL	150°, 100%, 95%
HSV	150°, 10%, 100%
XYZ	84.0820, 94.5888, 97.8238
YIQ	245.7440, -11.3230, -9.5550

Conversions

Conversions Part 2

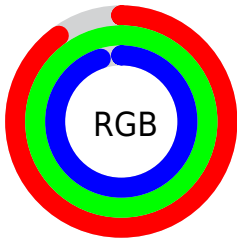
Format	Color
R _Y B	229, 246, 255
Decimal	15073266
CIE Lab	97.87, -10.83, 3.34
CIE LCh	98, 11.335, 162.863
Yxy	94.5888, 0.3041, 0.3421
Android (android.graphics.Color)	4293263346 (0xFFE5FFF2)
YUV	245.7440, -1.8458, -14.6845
Hunter-Lab	97.2568, -15.8796, 8.4441

Details

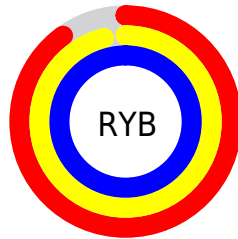
The Yxy color **94.5888, 0.3041, 0.3421** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.6666, 0.3223, 0.3163**, and the grayscale version is **91.9441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8176, 0.3019, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **89.9492, 0.2959, 0.3564**, and if you desaturate by 10%, it is **99.8737, 0.3125, 0.3293**.

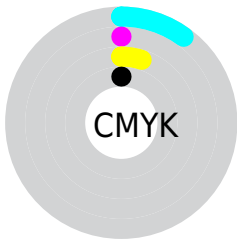
Distribution



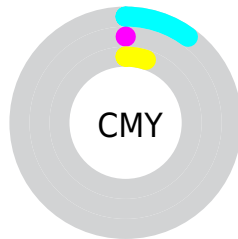
- Red (90%)
- Green (100%)
- Blue (95%)



- 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 94.5888, 0.3041, 0.3421 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 94.5888, 0.3041, 0.3421 by changing the saturation by 10% instead.

 94.5888, 0.3041,
0.3421

 94.5888, 0.3041,
0.3421

542.8477, 0.3079,
0.3363

 71.7928, 0.3033,
0.3434


153.6964, 0.3054,
0.3401

 52.9894, 0.3022,
0.3450


190.7768, 0.3059,
0.3393

 37.7943, 0.3010,
0.3469


233.3874, 0.3064,
0.3387

 25.8231, 0.2993,
0.3494

281.9126, 0.3068,
0.3381

 16.6913, 0.2972,
0.3527

336.7368, 0.3071,
0.3375

 10.0147, 0.2942,
0.3573

398.2445, 0.3074,

 5.4087, 0.2899,

0.3371

0.3640

466.8200, 0.3077,
0.3366

■ 2.4890, 0.2828,
0.3750

■ 0.8711, 0.2622,
0.4052

■ 94.5888, 0.3041,
0.3421

■ 94.5888, 0.3041,
0.3421

■ 89.9492, 0.2959,
0.3564


99.8737, 0.3125,
0.3293

■ 85.9630, 0.2882,
0.3722


100.0000, 0.3127,
0.3290

■ 82.5883, 0.2814,
0.3894


■ 79.7929, 0.2756,
0.4079

 77.5414, 0.2714,
0.4273

 75.7944, 0.2689,
0.4471

 74.5070, 0.2685,
0.4669

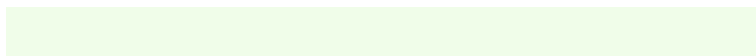
 73.6257, 0.2701,
0.4860

 73.0728, 0.2732,
0.5037

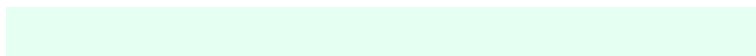
Harmonies

Analogous

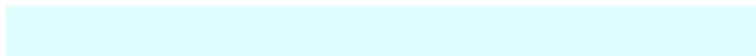
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5888, 0.3166, 0.3493



94.5888, 0.3041, 0.3421



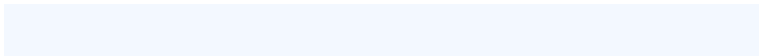
94.5888, 0.2940, 0.3312

Triad

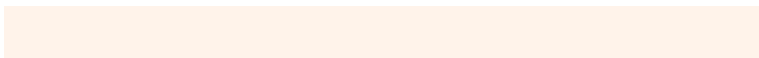
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.5888, 0.3041, 0.3421



94.5888, 0.2971, 0.3078



94.5888, 0.3371, 0.3373

Complementary

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



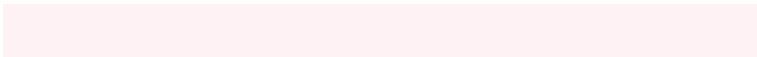
94.5888, 0.3041, 0.3421



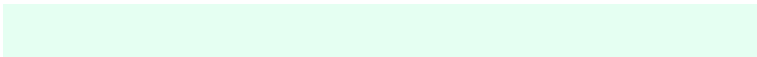
83.6666, 0.3223, 0.3163

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.



94.5888, 0.3317, 0.3264



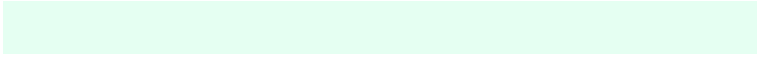
94.5888, 0.3041, 0.3421



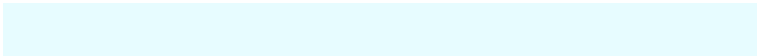
94.5888, 0.3084, 0.3097

Square

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



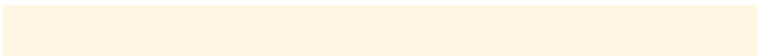
94.5888, 0.3041, 0.3421



94.5888, 0.2901, 0.3115



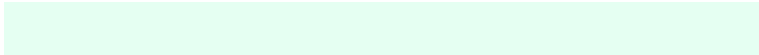
94.5888, 0.3211, 0.3164



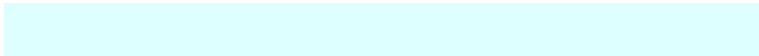
94.5888, 0.3358, 0.3462

Rectangle

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



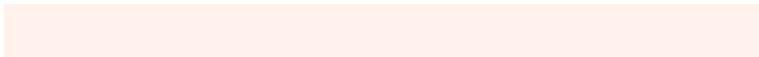
94.5888, 0.3041, 0.3421



94.5888, 0.2900, 0.3236



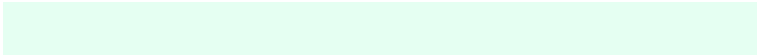
94.5888, 0.3211, 0.3164



94.5888, 0.3360, 0.3337

Sweetspot

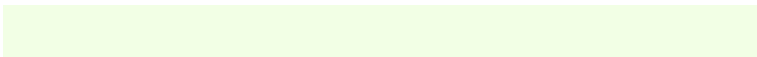
The Sweet Spot groups the original color and five complimentary colors.



94.5769, 0.3041, 0.3421



98.3345, 0.3102, 0.3327



96.0442, 0.3197, 0.3549



20.9546, 0.3095, 0.3337



0.0000, 0.0000, 0.0000



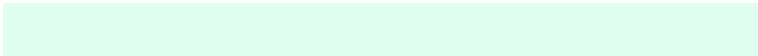
21.4041, 0.3127, 0.3290

Same Dimension

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



94.5769, 0.3041, 0.3421



93.7067, 0.3026, 0.3445



95.3864, 0.2969, 0.3290



20.3200, 0.3047, 0.3411



38.2123, 0.2724, 0.5008



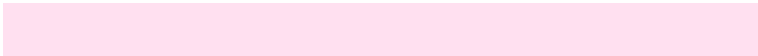
3.7426, 0.2667, 0.4800

Inverse Universe

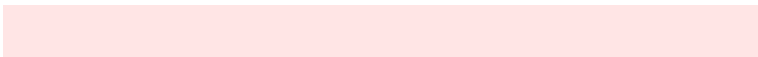
The Inverse Universe completely reimagines the original color for something new.



83.6666, 0.3223, 0.3163



81.0580, 0.3242, 0.3140



82.9129, 0.3309, 0.3291



18.1382, 0.3216, 0.3172



11.9426, 0.4969, 0.2511



1.1849, 0.4714, 0.2371

Previews

White Background



This preview shows how the Yxy color 94.5888, 0.3041, 0.3421 looks on a white background.

Color Contrast Check

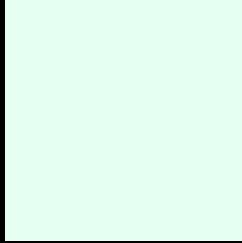
Large Text (above 18pt) WCAG AA × Fail

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 94.5888, 0.3041, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

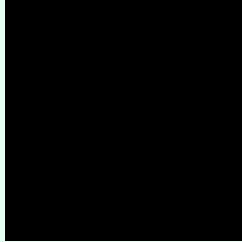
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

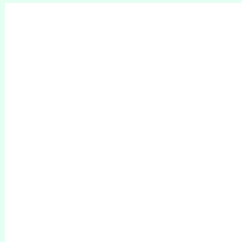
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.5888, 0.3041, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 94.5888, 0.3041, 0.3421.

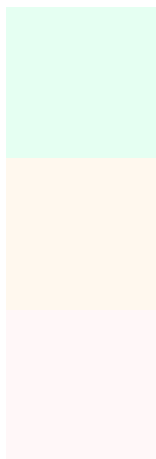


This preview shows how white text looks on a background with the Yxy color 94.5888, 0.3041, 0.3421.

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

94.5888, 0.3041, 0.3421

Protanopia

94.5678, 0.3232, 0.3387

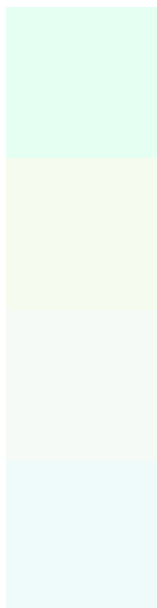
Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

94.3838, 0.3067, 0.3232

Trichromacy



Original Color

94.5888, 0.3041, 0.3421

Protanomaly

94.8192, 0.3166, 0.3408

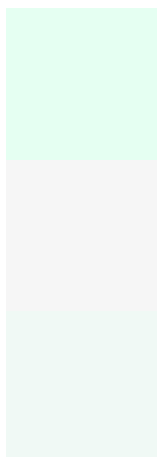
Deuteranomaly

94.6179, 0.3125, 0.3329

Tritanomaly

94.2472, 0.3058, 0.3300

Monochromacy



Original Color

94.5888, 0.3041, 0.3421

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 94.5888, 0.3041, 0.3421 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 242) }
```

Border

The CSS property to change the border of an element to Yxy 94.5888, 0.3041, 0.3421 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, 242) }
```

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

```
.border{ border-color:rgb(229, 255, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5888, 0.3041, 0.3421 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, 242) }
```

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

```
.background{ background-color: rgb(229,  
255, 242) }
```

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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