

Converting Colors

$Yxy(93.5167, 0.2991, 0.3409)$

Have a look what the booklet for
Yxy(93.5167, 0.2991, 0.3409)
contains.

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Color

Yxy(93.5207, 0.2994, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	DEFFF3
RGB	222, 255, 243
RGB Percent	87%, 100%, 95%
CMY	0.1293, 0.0000, 0.0471
CMYK	0.13, 0.00, 0.05, 0.00
HSL	158°, 100%, 94%
HSV	158°, 13%, 100%
XYZ	82.0636, 93.5207, 98.5092
YIQ	243.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

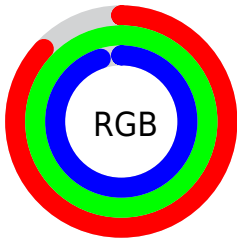
Format	Color
R _Y B	222, 242, 255
Decimal	14614515
CIE Lab	97.44, -12.85, 2.15
CIE LCh	97, 13.027, 170.508
Yxy	93.5207, 0.2994, 0.3412
Android (android.graphics.Color)	4292804595 (0xFFDEFFF3)
YUV	243.7650, -0.3771, -19.0879
Hunter-Lab	96.7061, -17.7628, 7.2988

Details

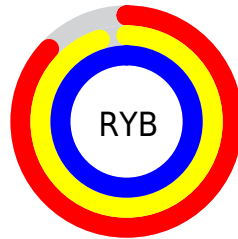
The Yxy color **93.5207, 0.2994, 0.3412** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.4537, 0.3282, 0.3171**, and the grayscale version is **90.2842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.1915, 0.2967, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **89.2486, 0.2896, 0.3518**, and if you desaturate by 10%, it is **98.4340, 0.3097, 0.3316**.

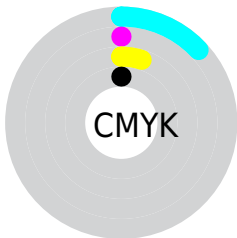
Distribution



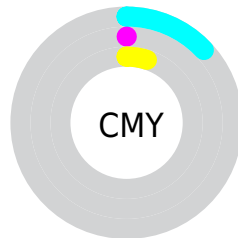
- Red (87%)
- Green (100%)
- Blue (95%)



- Red (87%)
- Yellow (95%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.5207, 0.2994, 0.3412 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 93.5207, 0.2994, 0.3412 by changing the saturation by 10% instead.

 93.5207, 0.2994,
0.3412

 93.5207, 0.2994,
0.3412


539.4182, 0.3053,
0.3358

 70.9044, 0.2981,
0.3424

152.2193, 0.3014,
0.3394

 52.2642, 0.2965,
0.3439


189.0704, 0.3022,
0.3386

 37.2157, 0.2946,
0.3457

231.4351, 0.3029,
0.3380

 25.3745, 0.2921,
0.3480


279.6980, 0.3035,
0.3374

 16.3563, 0.2888,
0.3510

334.2433, 0.3040,
0.3369

 9.7766, 0.2843,
0.3553

395.4556, 0.3045,

 5.2511, 0.2777,

0.3365

0.3616

463.7191, 0.3049,
0.3361

■ 2.3953, 0.2670,
0.3718

■ 0.8235, 0.2300,
0.4039

■ 93.5207, 0.2994,
0.3412

■ 93.5207, 0.2994,
0.3412

■ 89.2486, 0.2896,
0.3518

■ 98.4340, 0.3097,
0.3316

■ 85.5842, 0.2805,
0.3634

100.0000, 0.3127,
0.3290

■ 82.4997, 0.2725,
0.3759

■ 79.9628, 0.2659,
0.3892

■ 77.9379, 0.2610,
0.4031

■ 76.3852, 0.2580,
0.4174

■ 75.2584, 0.2570,
0.4317

■ 74.5019, 0.2581,
0.4458

■ 74.1334, 0.2599,
0.4555

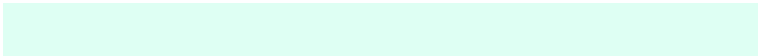
Harmonies

Analogous

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



93.5207, 0.3134, 0.3510



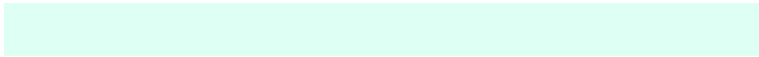
93.5207, 0.2994, 0.3412



93.5207, 0.2891, 0.3281

Triad

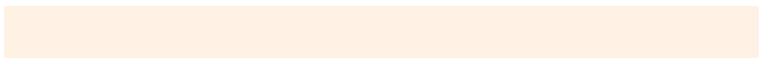
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.5207, 0.2994, 0.3412



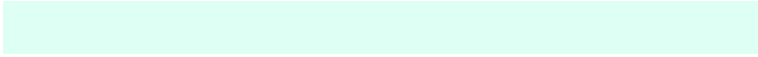
93.5207, 0.2977, 0.3046



93.5207, 0.3413, 0.3414

Complementary

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



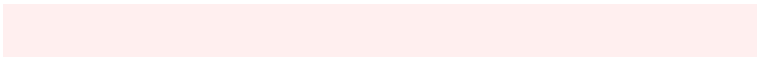
93.5207, 0.2994, 0.3412



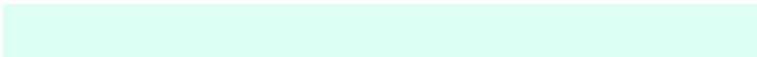
79.4537, 0.3282, 0.3171

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.



93.5207, 0.3369, 0.3292



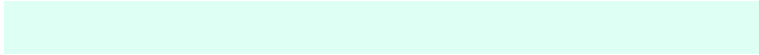
93.5207, 0.2994, 0.3412



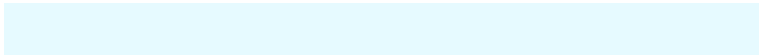
93.5207, 0.3115, 0.3083

Square

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



93.5207, 0.2994, 0.3412



93.5207, 0.2881, 0.3071



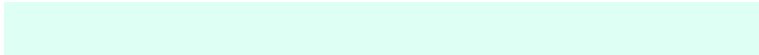
93.5207, 0.3259, 0.3172



93.5207, 0.3378, 0.3507

Rectangle

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



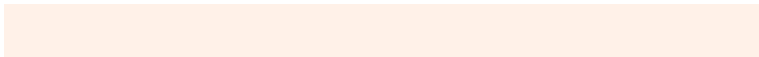
93.5207, 0.2994, 0.3412



93.5207, 0.2856, 0.3195



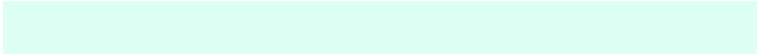
93.5207, 0.3259, 0.3172



93.5207, 0.3407, 0.3375

Sweetspot

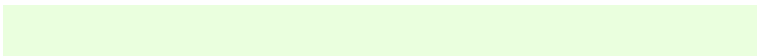
The Sweet Spot groups the original color and five complimentary colors.



93.5226, 0.2994, 0.3412



97.8796, 0.3085, 0.3326



94.3060, 0.3187, 0.3625



20.8674, 0.3078, 0.3333



0.0000, 0.0000, 0.0000



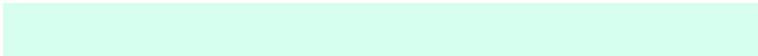
21.4041, 0.3127, 0.3290

Same Dimension

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



93.5226, 0.2994, 0.3412



92.1459, 0.2963, 0.3443



91.4984, 0.2928, 0.3245



20.3626, 0.3029, 0.3378



38.7660, 0.2592, 0.4532



3.7955, 0.2548, 0.4374

Inverse Universe

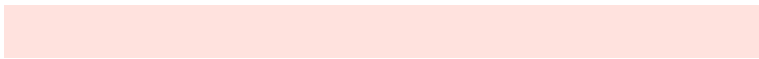
The Inverse Universe completely reimagines the original color for something new.



79.4537, 0.3282, 0.3171



75.1149, 0.3325, 0.3142



81.1533, 0.3359, 0.3335



18.0964, 0.3237, 0.3204



11.5466, 0.5528, 0.2819



1.1444, 0.5216, 0.2647

Previews

White Background



This preview shows how the Yxy color 93.5207, 0.2994, 0.3412 looks on a white background.

Color Contrast Check

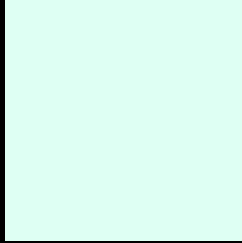
Large Text (above 18pt) WCAG AA × Fail

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 93.5207, 0.2994, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

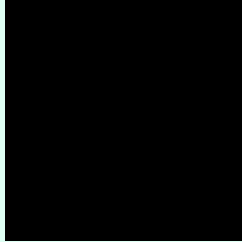
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

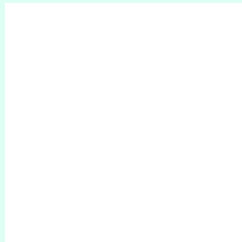
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5207, 0.2994, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 93.5207, 0.2994, 0.3412.

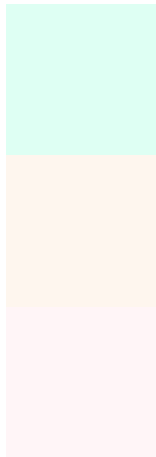


This preview shows how white text looks on a background with the Yxy color 93.5207, 0.2994, 0.3412.

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

93.5207, 0.2994, 0.3412

Protanopia

93.1554, 0.3227, 0.3368

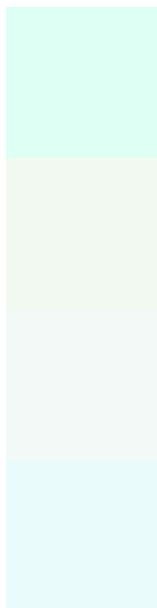
Deuteranopia

93.2802, 0.3180, 0.3271

Tritanopia

93.0556, 0.3042, 0.3221

Trichromacy



Original Color

93.5207, 0.2994, 0.3412

Protanomaly

92.9199, 0.3136, 0.3379

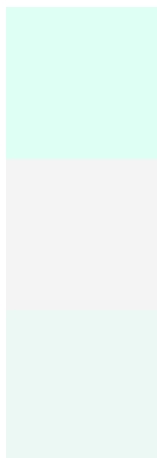
Deuteranomaly

93.4599, 0.3107, 0.3319

Tritanomaly

93.4518, 0.3022, 0.3290

Monochromacy



Original Color

93.5207, 0.2994, 0.3412

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.4993, 0.3075, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5207, 0.2994, 0.3412 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(222, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 243) }
```

Border

The CSS property to change the border of an element to Yxy 93.5207, 0.2994, 0.3412 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(222, 255, 243) }
```

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

```
.border{ border-color:rgb(222, 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(222, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5207, 0.2994, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 243) }
```

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

```
.background{ background-color: rgb(222,  
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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