

Converting Colors

$Y_{xy}(93.8525, 0.3010, 0.3417)$

Have a look what the booklet for
Yxy(93.8525, 0.3010, 0.3417)
contains.

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Color

Yxy(93.7781, 0.3011, 0.3422)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | E0FFF2 |
| RGB | 224, 255, 242 |
| RGB Percent | 88%, 100%, 95% |
| CMY | 0.1218, 0.0000, 0.0510 |
| CMYK | 0.12, 0.00, 0.05, 0.00 |
| HSL | 155°, 100%, 94% |
| HSV | 155°, 12%, 100% |
| XYZ | 82.5149, 93.7781, 97.7517 |
| YIQ | 244.2490, -14.3030, -10.6150 |

Conversions

Conversions Part 2

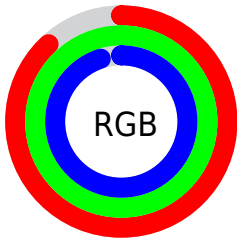
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 224, 244, 255 |
| Decimal | 14745586 |
| CIE Lab | 97.54, -12.43, 2.82 |
| CIE LCh | 98, 12.743, 167.193 |
| Yxy | 93.7781, 0.3011, 0.3422 |
| Android (android.graphics.Color) | 4292935666 (0xFFE0FFF2) |
| YUV | 244.2490, -1.1088, -17.7584 |
| Hunter-Lab | 96.8391, -17.3718, 7.9386 |

Details

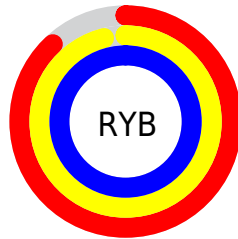
The Yxy color **93.7781, 0.3011, 0.3422** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.6563, 0.3260, 0.3162**, and the grayscale version is **90.6805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3684, 0.2989, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **89.3744, 0.2920, 0.3544**, and if you desaturate by 10%, it is **98.8137, 0.3106, 0.3312**.

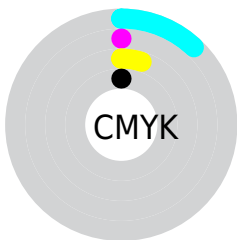
Distribution



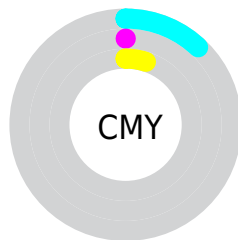
- Red (88%)
- Green (100%)
- Blue (95%)



- Red (88%)
- Yellow (96%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7781, 0.3011, 0.3422 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 93.7781, 0.3011, 0.3422 by changing the saturation by 10% instead.


 93.7781, 0.3011,
0.3422

 93.7781, 0.3011,
0.3422


540.2458, 0.3063,
0.3363

 71.1184, 0.3000,
0.3435


152.5754, 0.3029,
0.3402

 52.4388, 0.2986,
0.3451

189.4818, 0.3035,
0.3394

 37.3550, 0.2969,
0.3470


231.9059, 0.3041,
0.3387

 25.4825, 0.2947,
0.3496


280.2321, 0.3047,
0.3381

 16.4369, 0.2918,
0.3529

334.8448, 0.3051,
0.3376

 9.8338, 0.2878,
0.3575

396.1284, 0.3056,

 5.2889, 0.2820,

0.3371

0.3644

464.4672, 0.3059,
0.3367

■ 2.4178, 0.2726,
0.3755

■ 0.8350, 0.2407,
0.4099

■ 93.7781, 0.3011,
0.3422

■ 93.7781, 0.3011,
0.3422

■ 89.3744, 0.2920,
0.3544

■ 98.8137, 0.3106,
0.3312

■ 85.5997, 0.2835,
0.3677

100.0000, 0.3127,
0.3290

■ 82.4157, 0.2759,
0.3822

■ 79.7903, 0.2697,
0.3976

■ 77.6879, 0.2651,
0.4138

■ 76.0688, 0.2624,
0.4303

■ 74.8870, 0.2617,
0.4469

■ 74.0875, 0.2632,
0.4631

■ 73.6646, 0.2654,
0.4754

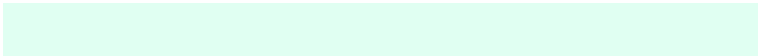
Harmonies

Analogous

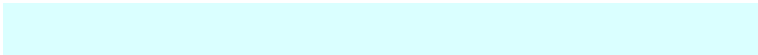
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7781, 0.3150, 0.3512



93.7781, 0.3011, 0.3422



93.7781, 0.2905, 0.3296

Triad

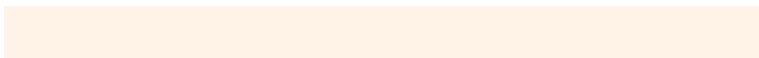
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.7781, 0.3011, 0.3422



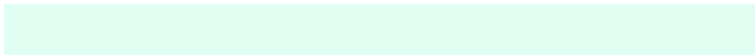
93.7781, 0.2968, 0.3051



93.7781, 0.3405, 0.3399

Complementary

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



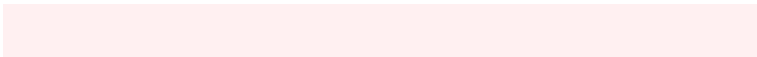
93.7781, 0.3011, 0.3422



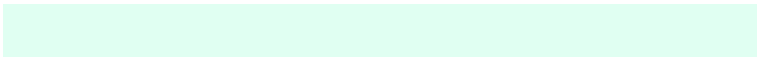
80.6563, 0.3260, 0.3162

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.



93.7781, 0.3354, 0.3278



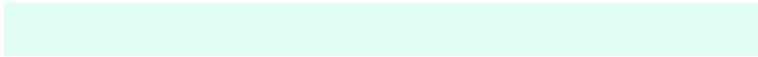
93.7781, 0.3011, 0.3422



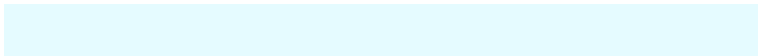
93.7781, 0.3099, 0.3081

Square

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



93.7781, 0.3011, 0.3422



93.7781, 0.2880, 0.3083



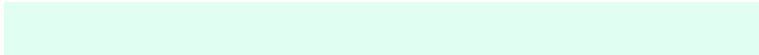
93.7781, 0.3241, 0.3163



93.7781, 0.3380, 0.3495

Rectangle

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



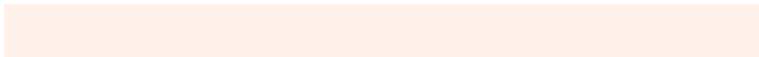
93.7781, 0.3011, 0.3422



93.7781, 0.2865, 0.3210



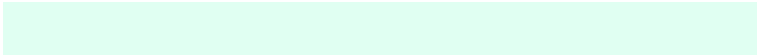
93.7781, 0.3241, 0.3163



93.7781, 0.3397, 0.3360

Sweetspot

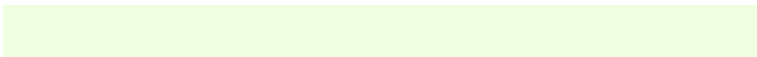
The Sweet Spot groups the original color and five complimentary colors.



93.7699, 0.3011, 0.3422



97.8444, 0.3089, 0.3331



94.9734, 0.3197, 0.3603



20.8585, 0.3081, 0.3339



0.0000, 0.0000, 0.0000



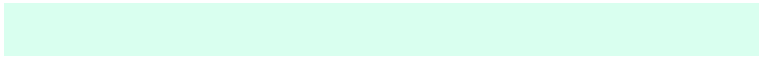
21.4041, 0.3127, 0.3290

Same Dimension

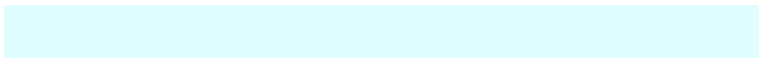
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7699, 0.3011, 0.3422



92.4643, 0.2985, 0.3455



93.2657, 0.2940, 0.3269



20.3452, 0.3036, 0.3391



38.5218, 0.2647, 0.4729



3.7725, 0.2597, 0.4548

Inverse Universe

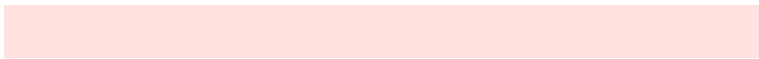
The Inverse Universe completely reimagines the original color for something new.



80.6563, 0.3260, 0.3162



76.6270, 0.3296, 0.3131



81.0428, 0.3346, 0.3311



18.1133, 0.3228, 0.3191



11.6894, 0.5307, 0.2697



1.1594, 0.5012, 0.2535

Previews

White Background



This preview shows how the Yxy color 93.7781, 0.3011, 0.3422 looks on a white background.

Color Contrast Check

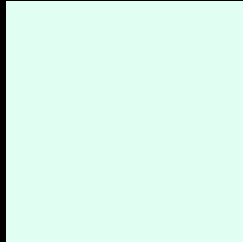
Large Text (above 18pt) WCAG AA × Fail

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 93.7781, 0.3011, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

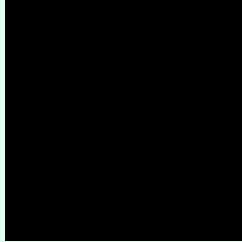
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

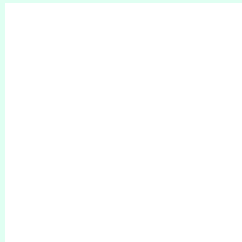
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.7781, 0.3011, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 93.7781, 0.3011, 0.3422.

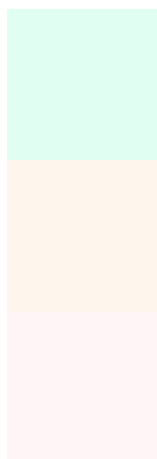


This preview shows how white text looks on a background with the Yxy color 93.7781, 0.3011, 0.3422.

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

93.7781, 0.3011, 0.3422

Protanopia

93.0968, 0.3233, 0.3378

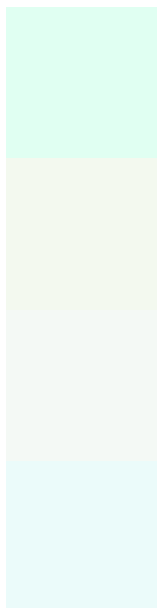
Deuteranopia

93.2802, 0.3180, 0.3271

Tritanopia

93.8486, 0.3049, 0.3231

Trichromacy



Original Color

93.7781, 0.3011, 0.3422

Protanomaly

93.0380, 0.3148, 0.3389

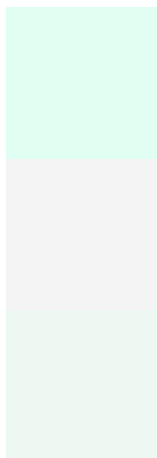
Deuteranomaly

93.5770, 0.3119, 0.3329

Tritanomaly

93.5587, 0.3034, 0.3300

Monochromacy



Original Color

93.7781, 0.3011, 0.3422

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.6104, 0.3087, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7781, 0.3011, 0.3422 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(224, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 242) }
```

Border

The CSS property to change the border of an element to Yxy 93.7781, 0.3011, 0.3422 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(224, 255, 242) }
```

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

```
.border{ border-color:rgb(224, 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(224, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7781, 0.3011, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 242) }
```

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

```
.background{ background-color: rgb(224,  
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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