

Converting Colors

$Yxy(93.9491, 0.3014, 0.3417)$

Have a look what the booklet for
Yxy(93.9491, 0.3014, 0.3417)
contains.

Yxy(93.9384, 0.3017, 0.3422)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(93.9384, 0.3017, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFF2
RGB	225, 255, 242
RGB Percent	88%, 100%, 95%
CMY	0.1179, 0.0000, 0.0511
CMYK	0.12, 0.00, 0.05, 0.00
HSL	154°, 100%, 94%
HSV	154°, 12%, 100%
XYZ	82.8206, 93.9384, 97.7541
YIQ	244.5480, -13.7070, -10.4030

Conversions

Conversions Part 2

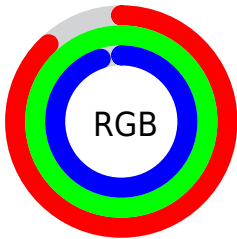
Format	Color
R _Y B	225, 244, 255
Decimal	14811122
CIE Lab	97.61, -12.12, 2.93
CIE LCh	98, 12.467, 166.385
Yxy	93.9384, 0.3017, 0.3422
Android (android.graphics.Color)	4293001202 (0xFFE1FFF2)
YUV	244.5480, -1.2562, -17.1436
Hunter-Lab	96.9218, -17.0833, 8.0461

Details

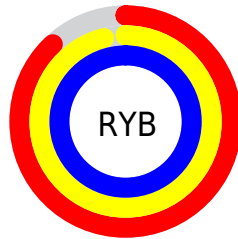
The Yxy color **93.9384, 0.3017, 0.3422** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.2465, 0.3253, 0.3162**, and the grayscale version is **90.9286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4794, 0.2997, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **89.4878, 0.2927, 0.3547**, and if you desaturate by 10%, it is **99.0181, 0.3110, 0.3309**.

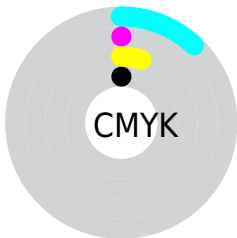
Distribution



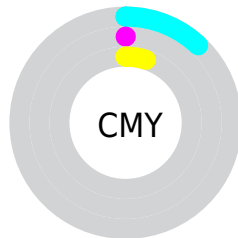
- Red (88%)
- Green (100%)
- Blue (95%)



- 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 93.9384, 0.3017, 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 93.9384, 0.3017, 0.3422 by changing the saturation by 10% instead.

 93.9384, 0.3017,
0.3422

 93.9384, 0.3017,
0.3422

540.7608, 0.3066,
0.3363

 71.2517, 0.3006,
0.3435

152.7971, 0.3034,
0.3402

 52.5476, 0.2993,
0.3451

189.7380, 0.3040,
0.3394

 37.4418, 0.2977,
0.3470


232.1990, 0.3046,
0.3387

 25.5497, 0.2956,
0.3496

280.5647, 0.3051,
0.3381

 16.4871, 0.2929,
0.3529

335.2192, 0.3055,
0.3376

 9.8695, 0.2891,
0.3575

396.5472, 0.3059,

 5.3125, 0.2836,

0.3371

0.3644

464.9329, 0.3063,
0.3367

■ 2.4318, 0.2746,
0.3755

■ 0.8422, 0.2451,
0.4091

■ 93.9384, 0.3017,
0.3422

■ 93.9384, 0.3017,
0.3422

■ 89.4878, 0.2927,
0.3547

■ 99.0181, 0.3110,
0.3309

■ 85.6730, 0.2844,
0.3685

100.0000, 0.3127,
0.3290

■ 82.4527, 0.2769,
0.3835

■ 79.7945, 0.2708,
0.3995

■ 77.6631, 0.2662,
0.4162

■ 76.0188, 0.2636,
0.4334

■ 74.8159, 0.2630,
0.4505

■ 73.9996, 0.2644,
0.4673

■ 73.5509, 0.2668,
0.4806

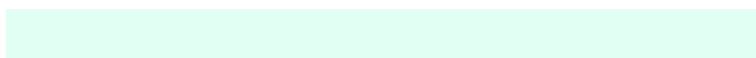
Harmonies

Analogous

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



93.9384, 0.3153, 0.3508



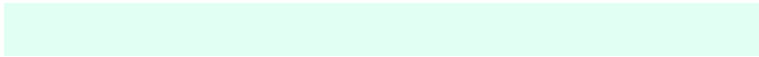
93.9384, 0.3017, 0.3422



93.9384, 0.2912, 0.3299

Triad

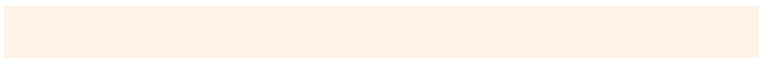
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.9384, 0.3017, 0.3422



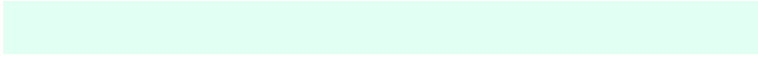
93.9384, 0.2968, 0.3056



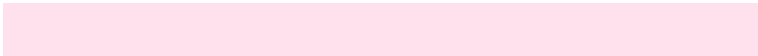
93.9384, 0.3399, 0.3394

Complementary

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



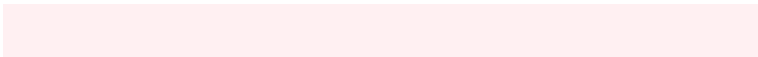
93.9384, 0.3017, 0.3422



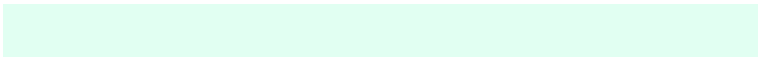
81.2465, 0.3253, 0.3162

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.



93.9384, 0.3347, 0.3275



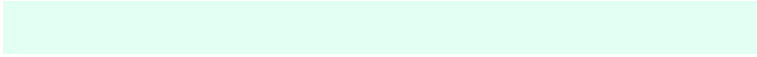
93.9384, 0.3017, 0.3422



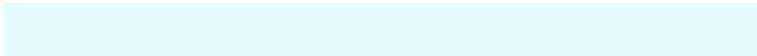
93.9384, 0.3096, 0.3084

Square

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



93.9384, 0.3017, 0.3422



93.9384, 0.2884, 0.3089



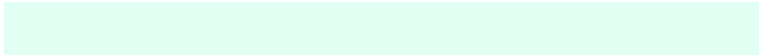
93.9384, 0.3235, 0.3163



93.9384, 0.3376, 0.3488

Rectangle

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



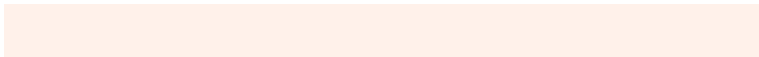
93.9384, 0.3017, 0.3422



93.9384, 0.2872, 0.3215



93.9384, 0.3235, 0.3163



93.9384, 0.3389, 0.3355

Sweetspot

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



93.9269, 0.3017, 0.3422



97.8353, 0.3089, 0.3333



95.1237, 0.3194, 0.3592



20.8562, 0.3082, 0.3341



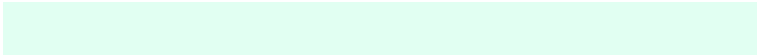
0.0000, 0.0000, 0.0000



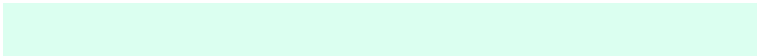
21.4041, 0.3127, 0.3290

Same Dimension

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



93.9269, 0.3017, 0.3422



92.8906, 0.2997, 0.3448



93.4652, 0.2945, 0.3269



20.3407, 0.3038, 0.3395



38.4625, 0.2661, 0.4779



3.7669, 0.2609, 0.4593

Inverse Universe

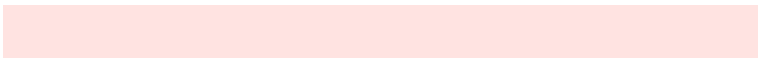
The Inverse Universe completely reimagines the original color for something new.



81.2465, 0.3253, 0.3162



78.0641, 0.3279, 0.3137



81.5985, 0.3338, 0.3311



18.1177, 0.3226, 0.3187



11.7307, 0.5247, 0.2664



1.1636, 0.4959, 0.2506

Previews

White Background



This preview shows how the Yxy color 93.9384, 0.3017, 0.3422 looks on a white background.

Color Contrast Check

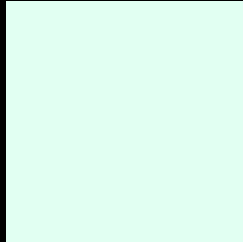
Large Text (above 18pt) WCAG AA × Fail

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 93.9384, 0.3017, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

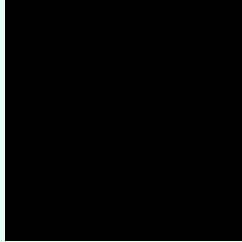
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

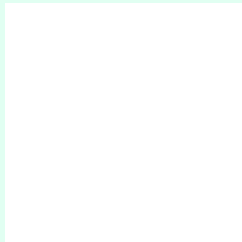
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.9384, 0.3017, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 93.9384, 0.3017, 0.3422.

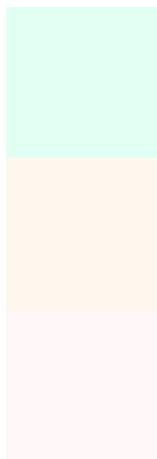


This preview shows how white text looks on a background with the Yxy color 93.9384, 0.3017, 0.3422.

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

93.9384, 0.3017, 0.3422

Protanopia

93.7068, 0.3233, 0.3388

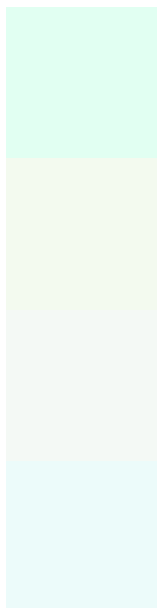
Deuteranopia

93.8869, 0.3179, 0.3281

Tritanopia

93.8486, 0.3049, 0.3231

Trichromacy



Original Color

93.9384, 0.3017, 0.3422

Protanomaly

93.6579, 0.3147, 0.3399

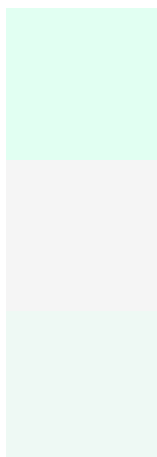
Deuteranomaly

93.5770, 0.3119, 0.3329

Tritanomaly

93.7294, 0.3040, 0.3300

Monochromacy



Original Color

93.9384, 0.3017, 0.3422

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.4602, 0.3087, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9384, 0.3017, 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(225, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 242) }
```

Border

The CSS property to change the border of an element to Yxy 93.9384, 0.3017, 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(225, 255, 242) }
```

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

```
.border{ border-color:rgb(225, 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(225, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9384, 0.3017, 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(225, 255, 242) }
```

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

```
.background{ background-color: rgb(225,  
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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