

Converting Colors

$Yxy(93.8784, 0.3023, 0.3432)$

Have a look what the booklet for
Yxy(93.8784, 0.3023, 0.3432)
contains.

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Color

Yxy(93.8784, 0.3023, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFF1
RGB	225, 255, 241
RGB Percent	88%, 100%, 95%
CMY	0.1176, 0.0000, 0.0550
CMYK	0.12, 0.00, 0.05, 0.00
HSL	152°, 100%, 94%
HSV	152°, 12%, 100%
XYZ	82.6907, 93.8784, 96.9694
YIQ	244.4340, -13.3860, -10.7140

Conversions

Conversions Part 2

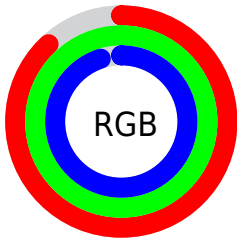
Format	Color
R _Y B	225, 245, 255
Decimal	14811121
CIE Lab	97.58, -12.26, 3.41
CIE LCh	98, 12.728, 164.456
Yxy	93.8784, 0.3023, 0.3432
Android (android.graphics.Color)	4293001201 (0xFFE1FFF1)
YUV	244.4340, -1.6930, -17.0436
Hunter-Lab	96.8909, -17.2197, 8.4856

Details

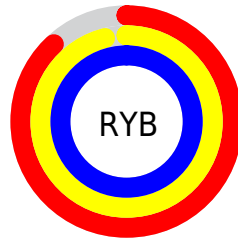
The Yxy color **93.8784, 0.3023, 0.3432** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.3546, 0.3245, 0.3152**, and the grayscale version is **90.8573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4370, 0.3003, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **89.3942, 0.2938, 0.3568**, and if you desaturate by 10%, it is **99.0258, 0.3111, 0.3310**.

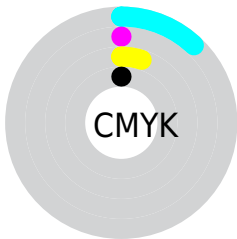
Distribution



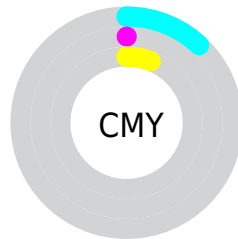
- Red (88%)
- Green (100%)
- Blue (95%)



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



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





- Cyan (12%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.8784, 0.3023, 0.3432 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 93.8784, 0.3023, 0.3432 by changing the saturation by 10% instead.

 93.8784, 0.3023,
0.3432

 93.8784, 0.3023,
0.3432


540.5680, 0.3069,
0.3369

 71.2018, 0.3013,
0.3446


152.7142, 0.3039,
0.3410

 52.5069, 0.3000,
0.3463


189.6421, 0.3045,
0.3402

 37.4093, 0.2985,
0.3484


232.0893, 0.3050,
0.3395

 25.5245, 0.2965,
0.3511

280.4402, 0.3055,
0.3388

 16.4683, 0.2939,
0.3548

335.0791, 0.3059,
0.3382

 9.8561, 0.2903,
0.3598

396.3905, 0.3063,

 5.3037, 0.2850,

0.3377

0.3672

464.7586, 0.3066,
0.3373

■ 2.4265, 0.2764,
0.3793

■ 0.8395, 0.2476,
0.4169

■ 93.8784, 0.3023,
0.3432

■ 93.8784, 0.3023,
0.3432

■ 89.3942, 0.2938,
0.3568


■ 99.0258, 0.3111,
0.3310


■ 85.5384, 0.2858,
0.3718

100.0000, 0.3127,
0.3290

■ 82.2833, 0.2788,
0.3880


■ 79.5965, 0.2729,
0.4054

 77.4423, 0.2687,
0.4235

 75.7809, 0.2663,
0.4421

 74.5663, 0.2659,
0.4606

 73.7437, 0.2676,
0.4786

 73.2922, 0.2702,
0.4928

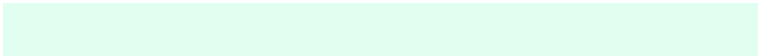
Harmonies

Analogous

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



93.8784, 0.3163, 0.3517



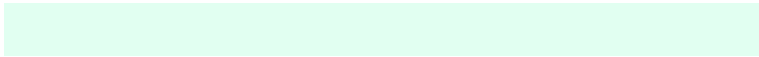
93.8784, 0.3023, 0.3432



93.8784, 0.2912, 0.3308

Triad

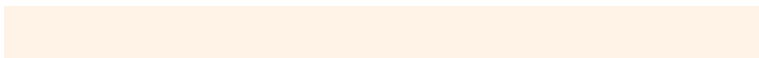
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.8784, 0.3023, 0.3432



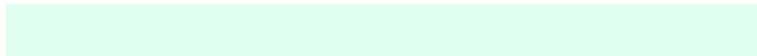
93.8784, 0.2958, 0.3052



93.8784, 0.3403, 0.3388

Complementary

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



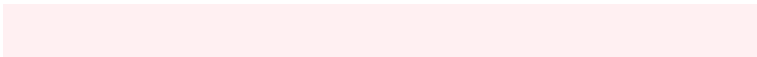
93.8784, 0.3023, 0.3432



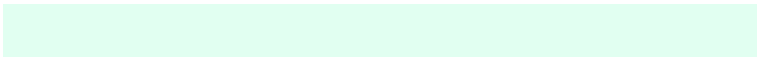
81.3546, 0.3245, 0.3152

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.



93.8784, 0.3346, 0.3267



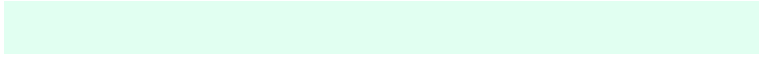
93.8784, 0.3023, 0.3432



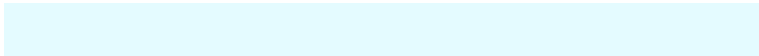
93.8784, 0.3086, 0.3076

Square

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



93.8784, 0.3023, 0.3432



93.8784, 0.2875, 0.3089



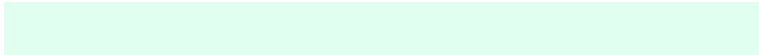
93.8784, 0.3229, 0.3154



93.8784, 0.3385, 0.3488

Rectangle

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



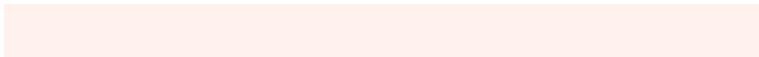
93.8784, 0.3023, 0.3432



93.8784, 0.2869, 0.3222



93.8784, 0.3229, 0.3154



93.8784, 0.3392, 0.3349

Sweetspot

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



93.8807, 0.3023, 0.3432



97.8132, 0.3091, 0.3336



95.3969, 0.3204, 0.3590



20.8506, 0.3085, 0.3345



0.0000, 0.0000, 0.0000



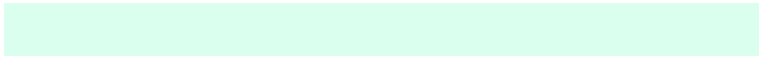
21.4041, 0.3127, 0.3290

Same Dimension

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



93.8807, 0.3023, 0.3432



92.8181, 0.3004, 0.3461



94.4322, 0.2946, 0.3284



20.3299, 0.3043, 0.3403



38.3273, 0.2694, 0.4900



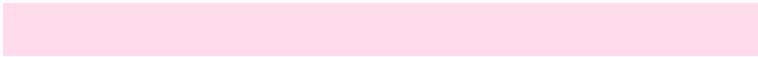
3.7539, 0.2639, 0.4701

Inverse Universe

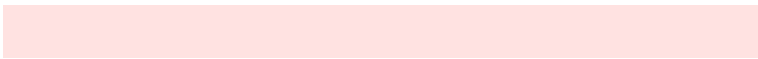
The Inverse Universe completely reimagines the original color for something new.



81.3546, 0.3245, 0.3152



78.1350, 0.3271, 0.3125



80.8286, 0.3339, 0.3296



18.1284, 0.3220, 0.3179



11.8367, 0.5103, 0.2585



1.1743, 0.4831, 0.2435

Previews

White Background



This preview shows how the Yxy color 93.8784, 0.3023, 0.3432 looks on a white background.

Color Contrast Check

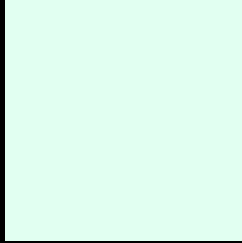
Large Text (above 18pt) WCAG AA × Fail

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 93.8784, 0.3023, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

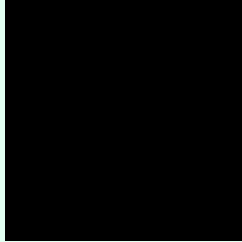
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

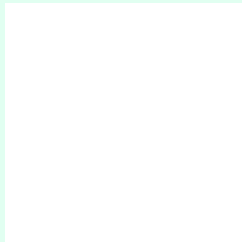
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.8784, 0.3023, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 93.8784, 0.3023, 0.3432.

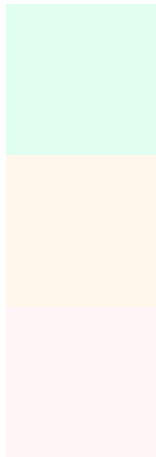


This preview shows how white text looks on a background with the Yxy color 93.8784, 0.3023, 0.3432.

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

93.8784, 0.3023, 0.3432

Protanopia

93.8377, 0.3245, 0.3397

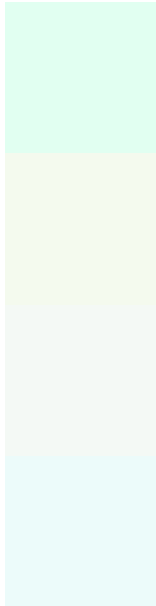
Deuteranopia

93.2802, 0.3180, 0.3271

Tritanopia

93.8486, 0.3049, 0.3231

Trichromacy



Original Color

93.8784, 0.3023, 0.3432

Protanomaly

93.7774, 0.3160, 0.3409

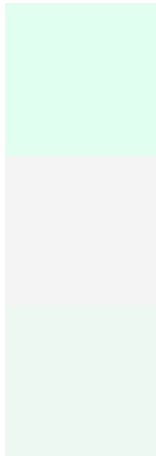
Deuteranomaly

93.5770, 0.3119, 0.3329

Tritanomaly

93.7294, 0.3040, 0.3300

Monochromacy



Original Color

93.8784, 0.3023, 0.3432

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 93.8784, 0.3023, 0.3432 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 241) }
```

Border

The CSS property to change the border of an element to Yxy 93.8784, 0.3023, 0.3432 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, 241) }
```

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

```
.border{ border-color:rgb(225, 255, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8784, 0.3023, 0.3432 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, 241) }
```

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

```
.background{ background-color: rgb(225,  
255, 241) }
```

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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