

Converting Colors

$Yxy(99.3044, 0.2988, 0.3590)$

Have a look what the booklet for
Yxy(99.3044, 0.2988, 0.3590)
contains.

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Color

Yxy(92.0815, 0.2985, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	D7FFED
RGB	215, 255, 237
RGB Percent	84%, 100%, 93%
CMY	0.1568, 0.0000, 0.0705
CMYK	0.16, 0.00, 0.07, 0.00
HSL	153°, 100%, 92%
HSV	153°, 16%, 100%
XYZ	79.0746, 92.0815, 93.7504
YIQ	240.9880, -18.0620, -14.0780

Conversions

Conversions Part 2

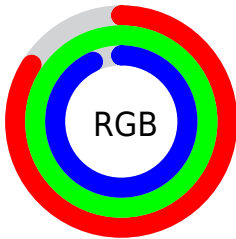
Format	Color
R _Y B	215, 241, 255
Decimal	14155757
CIE Lab	96.85, -16.18, 4.31
CIE LCh	97, 16.743, 165.096
Yxy	92.0815, 0.2985, 0.3476
Android (android.graphics.Color)	4292345837 (0xFFD7FFED)
YUV	240.9880, -1.9661, -22.7915
Hunter-Lab	95.9591, -20.8365, 9.2461

Details

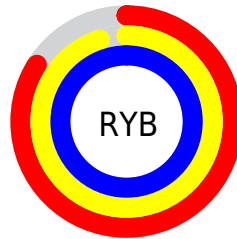
The Yxy color **92.0815, 0.2985, 0.3476** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.7448, 0.3296, 0.3111**, and the grayscale version is **87.9829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1979, 0.2956, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **87.8713, 0.2899, 0.3612**, and if you desaturate by 10%, it is **96.9414, 0.3075, 0.3354**.

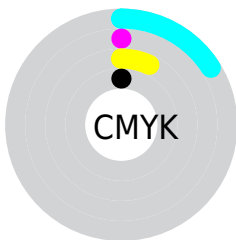
Distribution



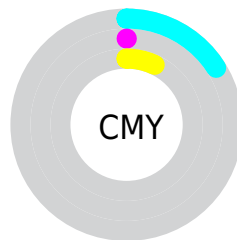
- Red (84%)
- Green (100%)
- Blue (93%)



- Red (84%)
- Yellow (95%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0815, 0.2985, 0.3476 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 92.0815, 0.2985, 0.3476 by changing the saturation by 10% instead.


 92.0815, 0.2985,
0.3476

 92.0815, 0.2985,
0.3476


534.7789, 0.3049,
0.3392

 69.7083, 0.2971,
0.3495

150.2263, 0.3007,
0.3447

 51.2888, 0.2954,
0.3517


186.7668, 0.3015,
0.3436

 36.4385, 0.2932,
0.3546


228.7985, 0.3023,
0.3426

 24.7730, 0.2905,
0.3582

276.7058, 0.3029,
0.3418

 15.9080, 0.2869,
0.3631

330.8730, 0.3035,
0.3410

 9.4591, 0.2818,
0.3699

391.6847, 0.3040,

 5.0418, 0.2744,

0.3404

0.3800

459.5252, 0.3045,
0.3398

■ 2.2718, 0.2622,
0.3969

■ 0.7587, 0.2026,
0.4713

■ 92.0815, 0.2985,
0.3476

■ 92.0815, 0.2985,
0.3476

■ 87.8713, 0.2899,
0.3612

■ 96.9414, 0.3075,
0.3354

■ 84.2743, 0.2821,
0.3760

100.0000, 0.3127,
0.3290

■ 81.2624, 0.2753,
0.3920

■ 78.8019, 0.2699,
0.4090

■ 76.8560, 0.2662,
0.4266

■ 75.3827, 0.2644,
0.4445

■ 74.3333, 0.2647,
0.4621

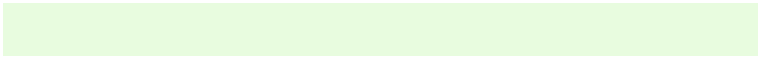
■ 73.6476, 0.2670,
0.4792

■ 73.4267, 0.2684,
0.4864

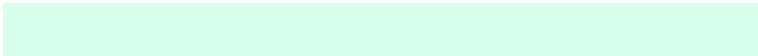
Harmonies

Analogous

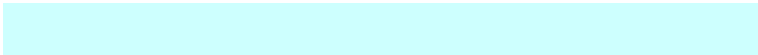
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0815, 0.3169, 0.3591



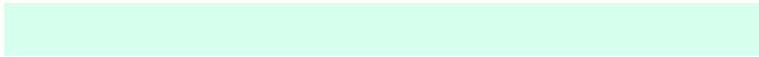
92.0815, 0.2985, 0.3476



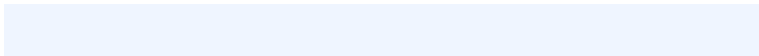
92.0815, 0.2841, 0.3309

Triad

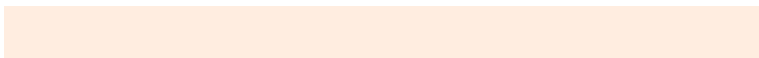
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.0815, 0.2985, 0.3476



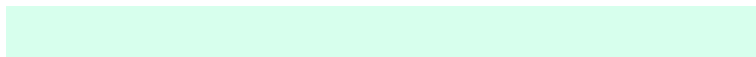
92.0815, 0.2906, 0.2977



92.0815, 0.3494, 0.3421

Complementary

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



92.0815, 0.2985, 0.3476



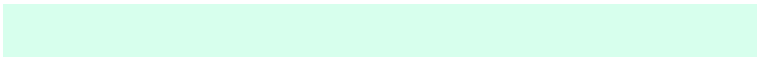
75.7448, 0.3296, 0.3111

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.



92.0815, 0.3420, 0.3262



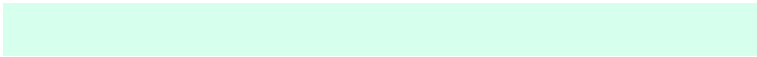
92.0815, 0.2985, 0.3476



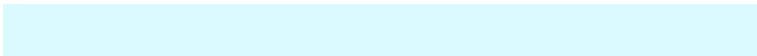
92.0815, 0.3076, 0.3011

Square

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



92.0815, 0.2985, 0.3476



92.0815, 0.2797, 0.3022



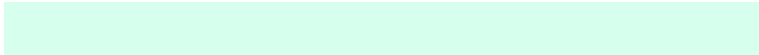
92.0815, 0.3265, 0.3114



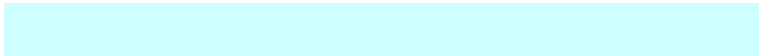
92.0815, 0.3467, 0.3552

Rectangle

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



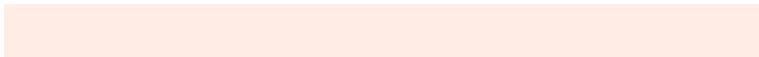
92.0815, 0.2985, 0.3476



92.0815, 0.2786, 0.3194



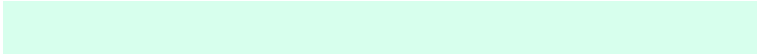
92.0815, 0.3265, 0.3114



92.0815, 0.3480, 0.3369

Sweetspot

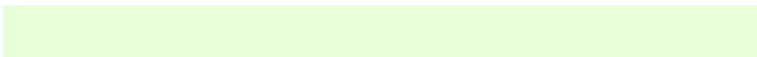
The Sweet Spot groups the original color and five complimentary colors.



92.0841, 0.2985, 0.3476



97.2981, 0.3081, 0.3346



93.7506, 0.3221, 0.3699



20.7474, 0.3075, 0.3354



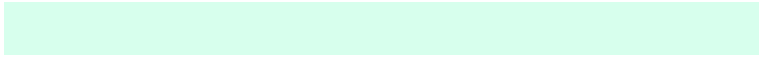
0.0000, 0.0000, 0.0000



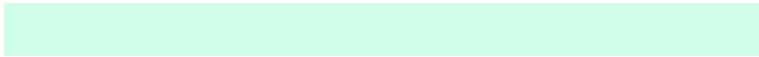
21.4041, 0.3127, 0.3290

Same Dimension

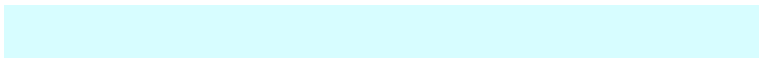
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0841, 0.2985, 0.3476



90.6173, 0.2956, 0.3520



91.9185, 0.2888, 0.3269



20.3356, 0.3040, 0.3399



38.3976, 0.2677, 0.4836



3.7607, 0.2623, 0.4644

Inverse Universe

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



75.7448, 0.3296, 0.3111



71.2869, 0.3339, 0.3072



75.7945, 0.3421, 0.3311



18.1227, 0.3223, 0.3184



11.7793, 0.5180, 0.2627



1.1686, 0.4899, 0.2472

Previews

White Background



This preview shows how the Yxy color 92.0815, 0.2985, 0.3476 looks on a white background.

Color Contrast Check

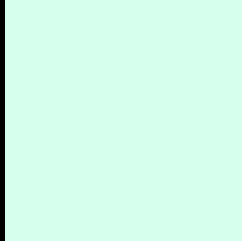
Large Text (above 18pt) WCAG AA × Fail

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 92.0815, 0.2985, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

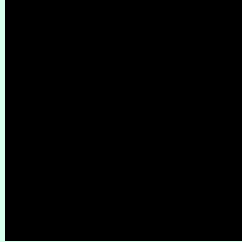
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

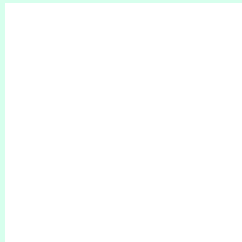
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0815, 0.2985, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 92.0815, 0.2985, 0.3476.

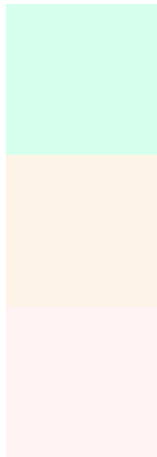


This preview shows how white text looks on a background with the Yxy color 92.0815, 0.2985, 0.3476.

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

92.0815, 0.2985, 0.3476

Protanopia

91.3535, 0.3266, 0.3418

Deuteranopia

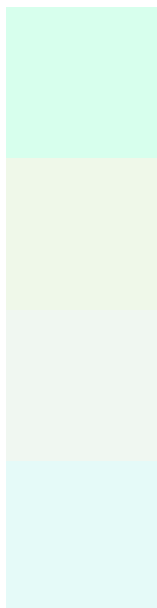
91.8928, 0.3199, 0.3281



Tritanopia

91.7461, 0.3018, 0.3211

Trichromacy



Original Color

92.0815, 0.2985, 0.3476

Protanomaly

91.3687, 0.3158, 0.3441

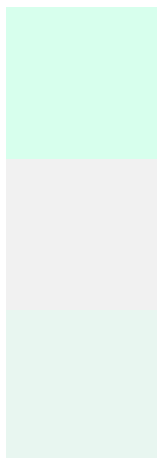
Deuteranomaly

91.3977, 0.3118, 0.3350

Tritanomaly

91.8065, 0.3008, 0.3310

Monochromacy



Original Color

92.0815, 0.2985, 0.3476

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

89.3586, 0.3073, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0815, 0.2985, 0.3476 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(215, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 237)  
}
```

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(215, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 92.0815, 0.2985, 0.3476 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(215, 255, 237) }
```

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

```
.border{ border-color:rgb(215, 255, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(215, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0815, 0.2985, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 237) }
```

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

```
.background{ background-color: rgb(215,  
255, 237) }
```

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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