

# Converting Colors

$Yxy(92.5985, 0.2997, 0.3465)$

Have a look what the booklet for  
Yxy(92.5985, 0.2997, 0.3465)  
contains.

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# Color

**Yxy(92.5985, 0.2997, 0.3465)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAFFEE
RGB	218, 255, 238
RGB Percent	85%, 100%, 93%
CMY	0.1454, 0.0000, 0.0666
CMYK	0.15, 0.00, 0.07, 0.00
HSL	153°, 100%, 93%
HSV	153°, 15%, 100%
XYZ	80.0917, 92.5985, 94.5493
YIQ	241.9990, -16.5950, -13.1310

# Conversions

## Conversions Part 2

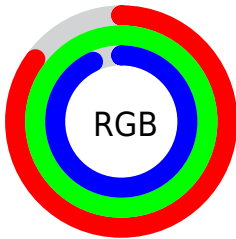
Format	Color
R <sub>Y</sub> B	218, 242, 255
Decimal	14352366
CIE Lab	97.06, -15.08, 4.13
CIE LCh	97, 15.637, 164.682
Yxy	92.5985, 0.2997, 0.3465
Android (android.graphics.Color)	4292542446 (0xFFDAFFEE)
YUV	241.9990, -1.9715, -21.0471
Hunter-Lab	96.2281, -19.8317, 9.1040

# Details

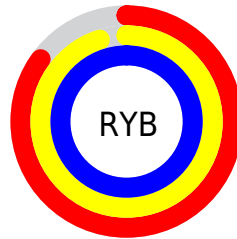
The Yxy color **92.5985, 0.2997, 0.3465** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.3607, 0.3280, 0.3122**, and the grayscale version is **88.8013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5521, 0.2972, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **88.2918, 0.2912, 0.3602**, and if you desaturate by 10%, it is **97.5348, 0.3086, 0.3342**.

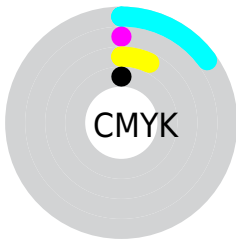
# Distribution



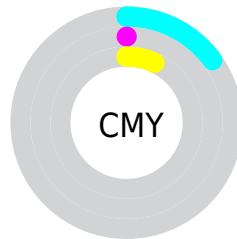
- Red (85%)
- Green (100%)
- Blue (93%)



- Red (85%)
- Yellow (95%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (15%)
- Magenta (0%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.5985, 0.2997, 0.3465 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 92.5985, 0.2997, 0.3465 by changing the saturation by 10% instead.




 92.5985, 0.2997,  
0.3465

 92.5985, 0.2997,  
0.3465

536.4479, 0.3055,  
0.3386

 70.1378, 0.2984,  
0.3482

150.9426, 0.3017,  
0.3438

 51.6389, 0.2969,  
0.3504


187.5949, 0.3025,  
0.3428

 36.7173, 0.2949,  
0.3530

229.7465, 0.3031,  
0.3418

 24.9887, 0.2924,  
0.3564

277.7817, 0.3037,  
0.3410

 16.0686, 0.2891,  
0.3610

332.0851, 0.3043,  
0.3403

 9.5727, 0.2845,  
0.3673

393.0410, 0.3047,

 5.1166, 0.2777,

0.3397

0.3768

461.0338, 0.3051,  
0.3392

■ 2.3158, 0.2667,  
0.3924

■ 0.7821, 0.2181,  
0.4547

■ 92.5985, 0.2997,  
0.3465

■ 92.5985, 0.2997,  
0.3465

■ 88.2918, 0.2912,  
0.3602

■ 97.5348, 0.3086,  
0.3342


■ 84.6159, 0.2833,  
0.3752

100.0000, 0.3127,  
0.3290


■ 81.5303, 0.2765,  
0.3914


■ 79.0018, 0.2710,  
0.4087

 76.9937, 0.2671,  
0.4266

 75.4648, 0.2652,  
0.4448

 74.3673, 0.2654,  
0.4629

 73.6426, 0.2675,  
0.4804

 73.3591, 0.2693,  
0.4896

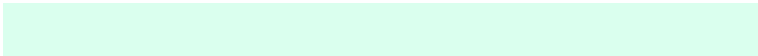
# Harmonies

## Analogous

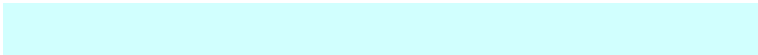
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5985, 0.3169, 0.3571



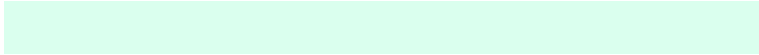
92.5985, 0.2997, 0.3465



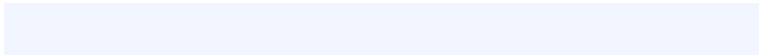
92.5985, 0.2862, 0.3310

# Triad

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



92.5985, 0.2997, 0.3465



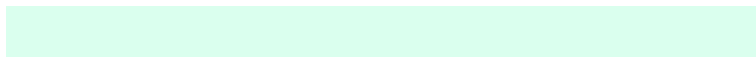
92.5985, 0.2919, 0.2997



92.5985, 0.3469, 0.3411

# Complementary

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



92.5985, 0.2997, 0.3465



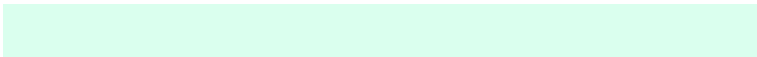
77.3607, 0.3280, 0.3122

# 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.



92.5985, 0.3398, 0.3262



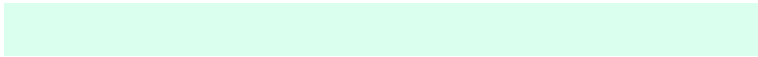
92.5985, 0.2997, 0.3465



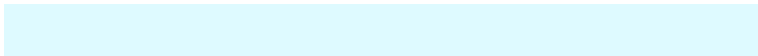
92.5985, 0.3078, 0.3028

# Square

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



92.5985, 0.2997, 0.3465



92.5985, 0.2818, 0.3041



92.5985, 0.3254, 0.3124

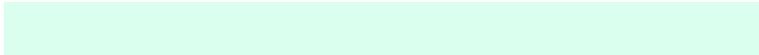


92.5985, 0.3445, 0.3534



# Rectangle

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



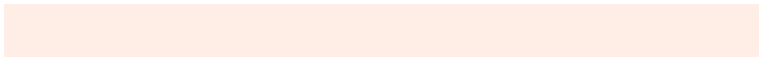
92.5985, 0.2997, 0.3465



92.5985, 0.2810, 0.3203



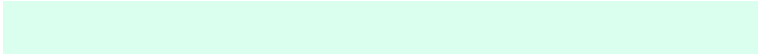
92.5985, 0.3254, 0.3124



92.5985, 0.3455, 0.3362

# Sweetspot

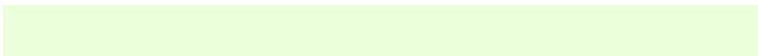
The Sweet Spot groups the original color and five complimentary colors.



92.5886, 0.2997, 0.3465



97.8191, 0.3091, 0.3335



94.2797, 0.3218, 0.3666



20.8521, 0.3084, 0.3344



0.0000, 0.0000, 0.0000

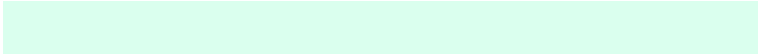


21.4041, 0.3127, 0.3290

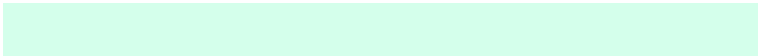


# Same Dimension

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



92.5886, 0.2997, 0.3465



91.4710, 0.2976, 0.3497



92.8490, 0.2905, 0.3277



20.3328, 0.3042, 0.3401



38.3623, 0.2686, 0.4868



3.7573, 0.2631, 0.4673



# Inverse Universe

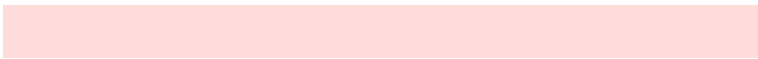
The Inverse Universe completely reimagines the original color for something new.



77.3607, 0.3280, 0.3122



73.9709, 0.3310, 0.3092



77.0686, 0.3397, 0.3303



18.1255, 0.3222, 0.3182



11.8075, 0.5141, 0.2606



1.1714, 0.4865, 0.2454



# Previews

## White Background



This preview shows how the Yxy color 92.5985, 0.2997, 0.3465 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

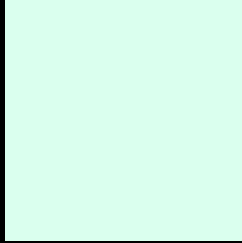
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.5985, 0.2997, 0.3465 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

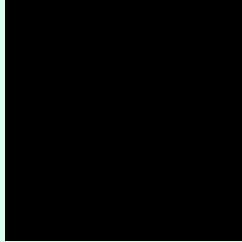
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

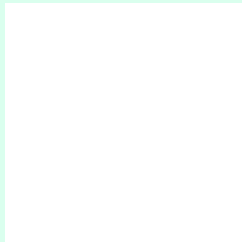
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 92.5985, 0.2997, 0.3465**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.5985, 0.2997, 0.3465.

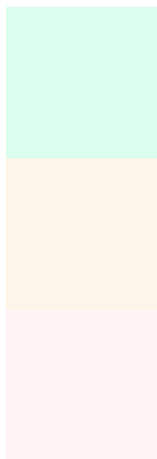


This preview shows how white text looks on a background with the Yxy color 92.5985, 0.2997, 0.3465.

# 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

92.5985, 0.2997, 0.3465

### Protanopia

92.2588, 0.3259, 0.3408

### Deuteranopia

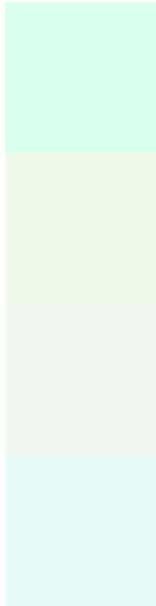
91.9538, 0.3193, 0.3271



## Tritanopia

92.5319, 0.3024, 0.3221

# Trichromacy



## Original Color

92.5985, 0.2997, 0.3465

## Protanomaly

92.4503, 0.3159, 0.3430

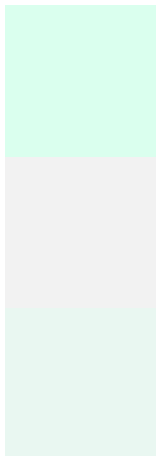
## Deuteranomaly

91.8096, 0.3125, 0.3340

## Tritanomaly

92.8228, 0.3015, 0.3310

# Monochromacy



## Original Color

92.5985, 0.2997, 0.3465

## Achromatopsia

88.7923, 0.3127, 0.3290

## Achromatomaly

90.1960, 0.3074, 0.3350

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.5985, 0.2997, 0.3465 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(218, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 238)  
}
```

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(218, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 238) }
```

## Border

The CSS property to change the border of an element to Yxy 92.5985, 0.2997, 0.3465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

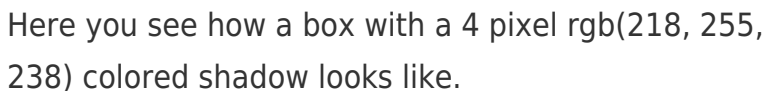
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 255, 238) }
```

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

```
.border{ border-color:rgb(218, 255, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 255, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 255, 238); box-shadow:4px 4px 4px 4px rgb(218, 255, 238) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.5985, 0.2997, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 238) }
```

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

```
.background{ background-color: rgb(218,  
255, 238) }
```

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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