

# Converting Colors

$Yxy(95.0952, 0.2969, 0.3303)$

Have a look what the booklet for  
Yxy(95.0952, 0.2969, 0.3303)  
contains.

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# Color

**Yxy(95.1697, 0.2969, 0.3300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4FFFE
RGB	228, 255, 254
RGB Percent	89%, 100%, 100%
CMY	0.1062, 0.0000, 0.0040
CMYK	0.11, 0.00, 0.00, 0.00
HSL	178°, 100%, 95%
HSV	178°, 11%, 100%
XYZ	85.6239, 95.1697, 107.5994
YIQ	246.8130, -15.7710, -6.0350

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 242, 255
Decimal	15007742
CIE Lab	98.10, -8.92, -2.48
CIE LCh	98, 9.258, 195.567
Yxy	95.1697, 0.2969, 0.3300
Android (android.graphics.Color)	4293197822 (0xFFE4FFFE)
YUV	246.8130, 3.5432, -16.4990
Hunter-Lab	97.5550, -14.0519, 2.8938

# Details

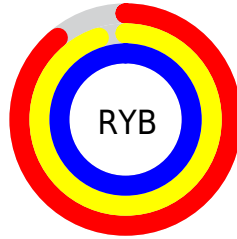
The Yxy color **95.1697, 0.2969, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.3633, 0.3310, 0.3280**, and the grayscale version is **92.8114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1900, 0.2936, 0.3302** is the 20% darker color. If you saturate the color by 10%, you get **91.2290, 0.2829, 0.3310**, and if you desaturate by 10%, it is **99.6997, 0.3118, 0.3291**.

# Distribution



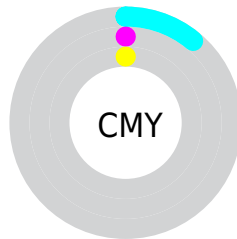
- Red (89%)
- Green (100%)
- Blue (100%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.1697, 0.2969, 0.3300 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 95.1697, 0.2969, 0.3300 by changing the saturation by 10% instead.



 95.1697, 0.2969,  
0.3300

 95.1697, 0.2969,  
0.3300


544.7081, 0.3039,  
0.3296

 72.2762, 0.2954,  
0.3301

154.4990, 0.2992,  
0.3299

 53.3844, 0.2936,  
0.3302


191.7037, 0.3002,  
0.3298

 38.1097, 0.2913,  
0.3303


234.4475, 0.3010,  
0.3298

 26.0678, 0.2885,  
0.3304

283.1149, 0.3017,  
0.3297

 16.8744, 0.2847,  
0.3305

338.0903, 0.3023,  
0.3297

 10.1450, 0.2796,  
0.3307

399.7580, 0.3029,

 5.4952, 0.2723,

0.3297

0.3309

468.5025, 0.3034,  
0.3296

■ 2.5406, 0.2608,  
0.3311

■ 0.8969, 0.2356,  
0.3329

■ 95.1697, 0.2969,  
0.3300

■ 95.1697, 0.2969,  
0.3300

■ 91.2290, 0.2829,  
0.3310

99.6997, 0.3118,  
0.3291

■ 87.8899, 0.2700,  
0.3321

100.0000, 0.3127,  
0.3290

■ 85.1103, 0.2585,  
0.3332

■ 82.8593, 0.2487,  
0.3344

■ 81.1024, 0.2408,  
0.3357

■ 79.8013, 0.2349,  
0.3369

■ 78.9121, 0.2309,  
0.3382

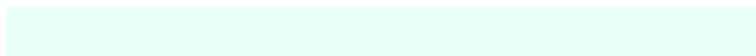
■ 78.3821, 0.2287,  
0.3394

■ 78.1331, 0.2279,  
0.3406

# Harmonies

## Analogous

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



95.1697, 0.3049, 0.3389



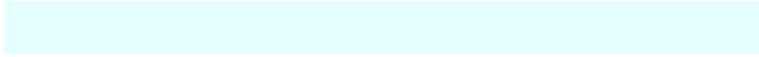
95.1697, 0.2969, 0.3300



95.1697, 0.2932, 0.3210

# Triad

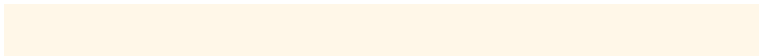
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1697, 0.2969, 0.3300



95.1697, 0.3102, 0.3135



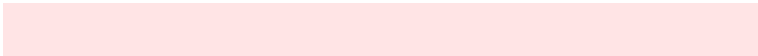
95.1697, 0.3312, 0.3436

# Complementary

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



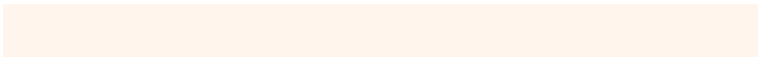
95.1697, 0.2969, 0.3300



82.3633, 0.3310, 0.3280

# 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.



95.1697, 0.3327, 0.3366



95.1697, 0.2969, 0.3300



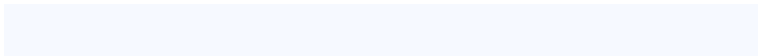
95.1697, 0.3205, 0.3194

# Square

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



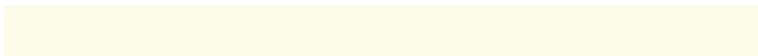
95.1697, 0.2969, 0.3300



95.1697, 0.3007, 0.3117



95.1697, 0.3288, 0.3277



95.1697, 0.3247, 0.3468

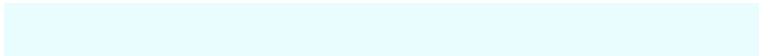


# Rectangle

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



95.1697, 0.2969, 0.3300



95.1697, 0.2935, 0.3161



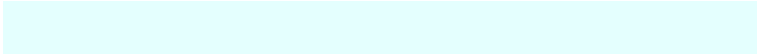
95.1697, 0.3288, 0.3277



95.1697, 0.3323, 0.3416

# Sweetspot

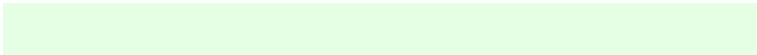
The Sweet Spot groups the original color and five complimentary colors.



95.1567, 0.2969, 0.3300



98.5592, 0.3082, 0.3293



93.8224, 0.3123, 0.3566



21.0154, 0.3070, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

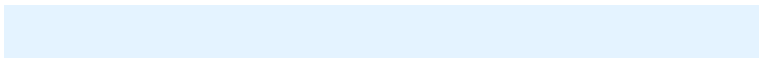
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1567, 0.2969, 0.3300



94.1653, 0.2935, 0.3302



87.6954, 0.2962, 0.3167



20.4689, 0.2985, 0.3299



40.8315, 0.2279, 0.3404



3.9792, 0.2275, 0.3390



# Inverse Universe

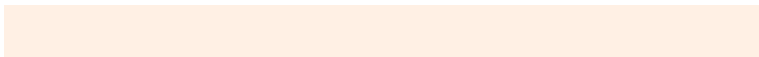
The Inverse Universe completely reimagines the original color for something new.



82.3633, 0.3310, 0.3280



78.7564, 0.3357, 0.3278



89.2436, 0.3303, 0.3410



17.9982, 0.3289, 0.3281



11.1247, 0.6363, 0.3279



1.0869, 0.6272, 0.3229



# Previews

## White Background



This preview shows how the Yxy color 95.1697, 0.2969, 0.3300 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

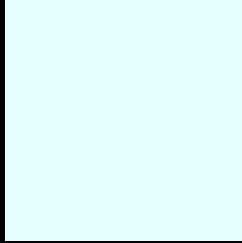
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.1697, 0.2969, 0.3300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

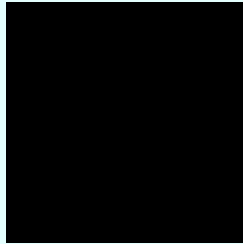
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

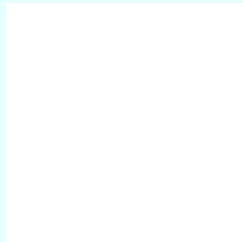
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 95.1697, 0.2969, 0.3300**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.1697, 0.2969, 0.3300.



This preview shows how white text looks on a background with the Yxy color 95.1697, 0.2969, 0.3300.

# 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

95.1697, 0.2969, 0.3300



### Protanopia

94.9196, 0.3147, 0.3271

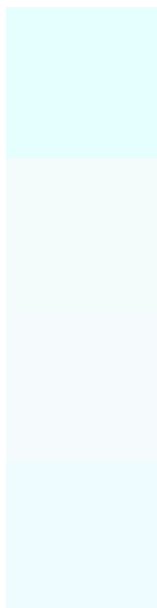
### Deuteranopia

94.7466, 0.3155, 0.3252

## **Tritanopia**

95.0037, 0.3067, 0.3241

# Trichromacy



## Original Color

95.1697, 0.2969, 0.3300

## Protanomaly

95.1925, 0.3083, 0.3290

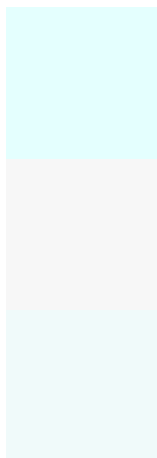
## Deuteranomaly

94.8120, 0.3084, 0.3270

## Tritanomaly

95.1915, 0.3030, 0.3260

# Monochromacy



## Original Color

95.1697, 0.2969, 0.3300

## Achromatopsia

93.0111, 0.3127, 0.3290

## Achromatomaly

93.7986, 0.3065, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.1697, 0.2969, 0.3300 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(228, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 254)  
}
```

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(228, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 254) }
```

## Border

The CSS property to change the border of an element to Yxy 95.1697, 0.2969, 0.3300 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(228, 255, 254) }
```

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

```
.border{ border-color:rgb(228, 255, 254) }
```

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

Here you see how a box with a 4 pixel rgb(228, 255, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
254) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.1697, 0.2969, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 254) }
```

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

```
.background{ background-color: rgb(228,  
255, 254) }
```

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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