

# Converting Colors

Yxy(95.2458, 0.2990, 0.3323)

Have a look what the booklet for  
Yxy(95.2458, 0.2990, 0.3323)  
contains.

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# Color

**Yxy(95.2063, 0.2986, 0.3320)**

# Conversions

| Conversions Part 1 |                             |
|--------------------|-----------------------------|
| Format             | Color                       |
| Hex                | E5FFFC                      |
| RGB                | 229, 255, 252               |
| RGB Percent        | 90%, 100%, 99%              |
| CMY                | 0.1021, 0.0000, 0.0119      |
| CMYK               | 0.10, 0.00, 0.01, 0.00      |
| HSL                | 173°, 100%, 95%             |
| HSV                | 173°, 10%, 100%             |
| XYZ                | 85.6283, 95.2063, 105.9313  |
| YIQ                | 246.8840, -14.5330, -6.4450 |

# Conversions

## Conversions Part 2

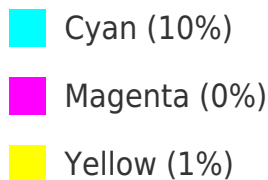
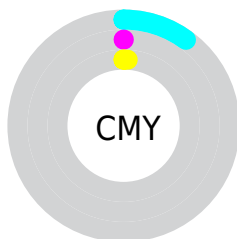
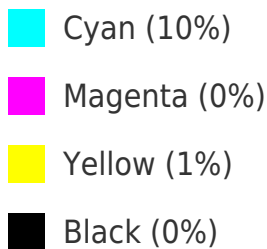
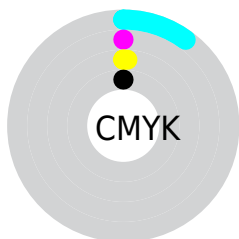
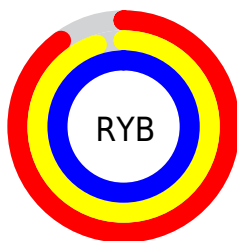
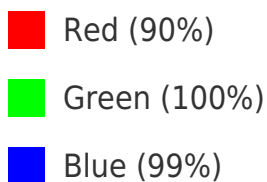
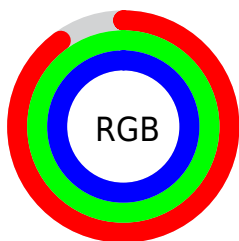
| Format                              | Color                                      |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">229, 243, 255</a>              |
| Decimal                             | <a href="#">15073276</a>                   |
| CIELab                              | <a href="#">98.12, -8.97, -1.42</a>        |
| CIELCh                              | <a href="#">98, 9.085, 189.021</a>         |
| Yxy                                 | <a href="#">95.2063, 0.2986, 0.3320</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4293263356</a><br>(0xFFE5FFFC) |
| YUV                                 | <a href="#">246.8840, 2.5222, -15.6843</a> |
| Hunter-Lab                          | <a href="#">97.5737, -14.1067, 3.9331</a>  |

# Details

The Yxy color 95.2063, 0.2986, 0.3320 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 83.0989, 0.3288, 0.3261, and the grayscale version is 92.8853, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2125, 0.2957, 0.3328 is the 20% darker color. If you saturate the color by 10%, you get 91.1200, 0.2855, 0.3352, and if you desaturate by 10%, it is 99.8926, 0.3124, 0.3291.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.2063, 0.2986, 0.3320 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 95.2063, 0.2986, 0.3320 by changing the saturation by 10% instead.



 95.2063, 0.2986,  
0.3320

 95.2063, 0.2986,  
0.3320


544.8252, 0.3048,  
0.3307

 72.3067, 0.2973,  
0.3323


154.5496, 0.3007,  
0.3316

 53.4092, 0.2956,  
0.3326


191.7620, 0.3015,  
0.3314

 38.1296, 0.2936,  
0.3330


234.5143, 0.3023,  
0.3312

 26.0833, 0.2910,  
0.3335

283.1906, 0.3029,  
0.3311

 16.8859, 0.2877,  
0.3342

338.1755, 0.3035,  
0.3310

 10.1532, 0.2831,  
0.3351


399.8533, 0.3040,


 5.5007, 0.2765,


0.3309

0.3363


468.6084, 0.3044,  
0.3308

 2.5439, 0.2661,  
0.3382

 0.8985, 0.2427,  
0.3435

 95.2063, 0.2986,  
0.3320


 95.2063, 0.2986,  
0.3320


 91.1200, 0.2855,  
0.3352


99.8926, 0.3124,  
0.3291

 87.6354, 0.2734,  
0.3386


100.0000, 0.3127,  
0.3290

 84.7143, 0.2626,  
0.3423


 82.3255, 0.2534,  
0.3462

 80.4349, 0.2459,  
0.3502

 79.0044, 0.2404,  
0.3543

 77.9901, 0.2369,  
0.3584

 77.3400, 0.2352,  
0.3625

 76.9737, 0.2351,  
0.3664

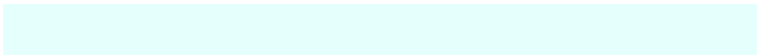
# Harmonies

## Analogous

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



95.2063, 0.3071, 0.3404



95.2063, 0.2986, 0.3320



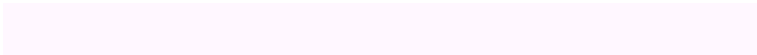
95.2063, 0.2939, 0.3229

# Triad

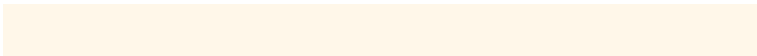
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.2063, 0.2986, 0.3320



95.2063, 0.3081, 0.3131



95.2063, 0.3316, 0.3421

# Complementary

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



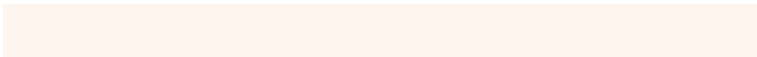
95.2063, 0.2986, 0.3320



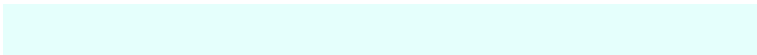
83.0989, 0.3288, 0.3261

# 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.



95.2063, 0.3319, 0.3346



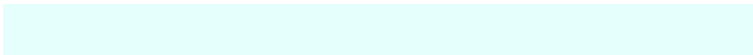
95.2063, 0.2986, 0.3320



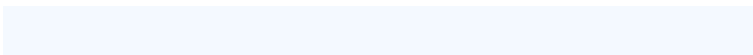
95.2063, 0.3182, 0.3180

# Square

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



95.2063, 0.2986, 0.3320



95.2063, 0.2993, 0.3122



95.2063, 0.3270, 0.3259



95.2063, 0.3262, 0.3462

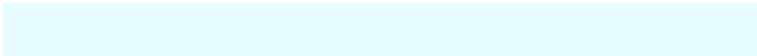


# Rectangle

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



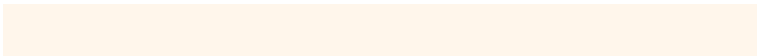
95.2063, 0.2986, 0.3320



95.2063, 0.2935, 0.3178



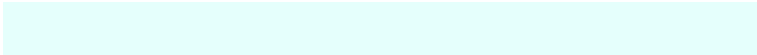
95.2063, 0.3270, 0.3259



95.2063, 0.3323, 0.3399

# Sweetspot

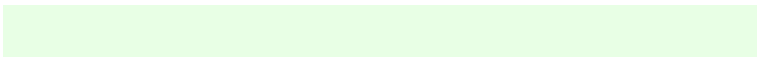
The Sweet Spot groups the original color and five complimentary colors.



95.1968, 0.2986, 0.3320



98.5206, 0.3085, 0.3298



94.3293, 0.3134, 0.3554



21.0049, 0.3074, 0.3301



0.0000, 0.0000, 0.0000

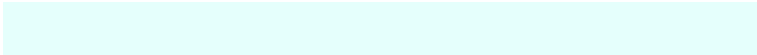


21.4041, 0.3127, 0.3290

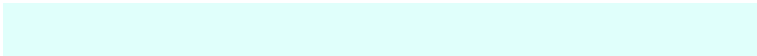


# Same Dimension

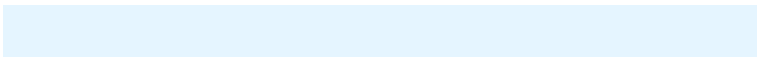
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1968, 0.2986, 0.3320



94.4240, 0.2962, 0.3325



89.1850, 0.2968, 0.3189



20.4429, 0.2996, 0.3318



40.2349, 0.2349, 0.3657



3.9274, 0.2336, 0.3611



# Inverse Universe

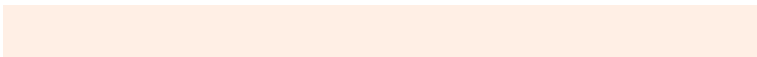
The Inverse Universe completely reimagines the original color for something new.



83.0989, 0.3288, 0.3261



80.3859, 0.3321, 0.3255



88.6117, 0.3297, 0.3389



18.0214, 0.3276, 0.3263



11.1677, 0.6262, 0.3223

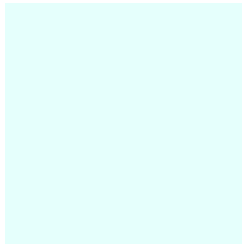


1.0979, 0.6027, 0.3094



# Previews

## White Background



This preview shows how the Yxy color 95.2063, 0.2986, 0.3320 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

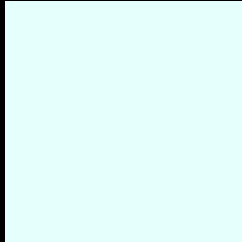
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.2063, 0.2986, 0.3320 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

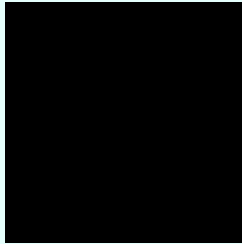
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

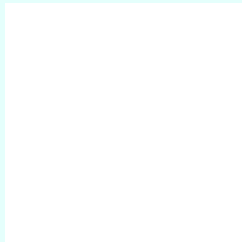
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 95.2063, 0.2986, 0.3320**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.2063, 0.2986, 0.3320.



This preview shows how white text looks on a background with the Yxy color 95.2063, 0.2986, 0.3320.

# 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

95.2063, 0.2986, 0.3320



### Protanopia

94.9829, 0.3165, 0.3290

### Deuteranopia

94.7466, 0.3155, 0.3252

## **Tritanopia**

95.0037, 0.3067, 0.3241

# Trichromacy

|  |  |
|--|--|
|  | <b>Original Color</b><br>95.2063, 0.2986, 0.3320 |
|  | <b>Protanomaly</b><br>95.2464, 0.3101, 0.3309    |
|  | <b>Deuteranomaly</b><br>94.9291, 0.3096, 0.3280  |
|  | <b>Tritanomaly</b><br>95.1273, 0.3035, 0.3270    |

# Monochromacy

|  |  |
|--|--|
|  | <b>Original Color</b><br>95.2063, 0.2986, 0.3320 |
|  | <b>Achromatopsia</b><br>93.0111, 0.3127, 0.3290  |
|  | <b>Achromatomaly</b><br>93.7360, 0.3070, 0.3300  |

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.2063, 0.2986, 0.3320 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(229, 255, 252) looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 252)  
}
```

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(229, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 252) }
```

## Border

The CSS property to change the border of an element to Yxy 95.2063, 0.2986, 0.3320 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(229, 255, 252) }
```

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

```
.border{ border-color:rgb(229, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
252) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.2063, 0.2986, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 252) }
```

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

```
.background{ background-color: rgb(229,  
255, 252) }
```

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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