

# Converting Colors

$Yxy(95.0523, 0.3064, 0.3427)$

Have a look what the booklet for  
Yxy(95.0523, 0.3064, 0.3427)  
contains.

<b>Yxy(95.0267, 0.3065, 0.3430)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(95.0267, 0.3065, 0.3430)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E8FFF1
RGB	232, 255, 241
RGB Percent	91%, 100%, 95%
CMY	0.0903, 0.0000, 0.0548
CMYK	0.09, 0.00, 0.05, 0.00
HSL	144°, 100%, 95%
HSV	144°, 9%, 100%
XYZ	84.9145, 95.0267, 97.1045
YIQ	246.5270, -9.2140, -9.2300

# Conversions

## Conversions Part 2

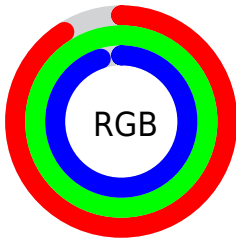
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 249, 255
Decimal	15269873
CIE Lab	98.04, -10.01, 4.12
CIE LCh	98, 10.822, 157.643
Yxy	95.0267, 0.3065, 0.3430
Android (android.graphics.Color)	4293459953 (0xFFE8FFF1)
YUV	246.5270, -2.7248, -12.7402
Hunter-Lab	97.4816, -15.1047, 9.1765

# Details

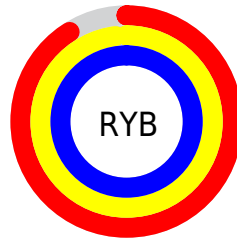
The Yxy color **95.0267, 0.3065, 0.3430** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6155, 0.3195, 0.3154**, and the grayscale version is **92.6336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1211, 0.3049, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **90.1772, 0.2997, 0.3603**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

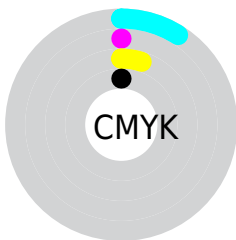
# Distribution



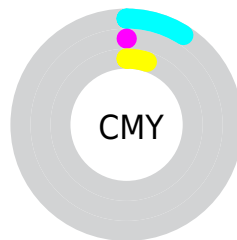
- Red (91%)
- Green (100%)
- Blue (95%)



- Red (91%)
- Yellow (98%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.0267, 0.3065, 0.3430 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 95.0267, 0.3065, 0.3430 by changing the saturation by 10% instead.




 95.0267, 0.3065,  
0.3430

 95.0267, 0.3065,  
0.3430


544.2505, 0.3093,  
0.3368

 72.1572, 0.3059,  
0.3444

154.3015, 0.3074,  
0.3409

 53.2871, 0.3051,  
0.3460


191.4756, 0.3078,  
0.3400

 38.0320, 0.3042,  
0.3481


234.1866, 0.3081,  
0.3393

 26.0075, 0.3030,  
0.3508

282.8191, 0.3084,  
0.3387

 16.8293, 0.3014,  
0.3543

337.7573, 0.3087,  
0.3381

 10.1128, 0.2993,  
0.3592

399.3856, 0.3089,

 5.4738, 0.2960,

0.3376

0.3664

468.0886, 0.3091,  
0.3372

■ 2.5279, 0.2908,  
0.3782

■ 0.8905, 0.2769,  
0.4095

■ 95.0267, 0.3065,  
0.3430

■ 95.0267, 0.3065,  
0.3430

■ 90.1772, 0.2997,  
0.3603

100.0000, 0.3127,  
0.3290

■ 85.9981, 0.2933,  
0.3796

■ 82.4577, 0.2875,  
0.4007

■ 79.5232, 0.2827,  
0.4233

■ 77.1586, 0.2791,  
0.4469

■ 75.3239, 0.2772,  
0.4710

■ 73.9739, 0.2772,  
0.4945

■ 73.0550, 0.2790,  
0.5166

■ 72.4891, 0.2825,  
0.5364

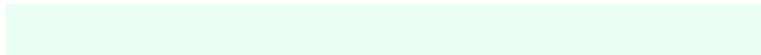
# Harmonies

## Analogous

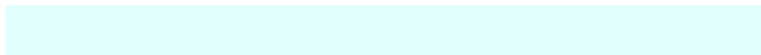
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0267, 0.3185, 0.3490



95.0267, 0.3065, 0.3430



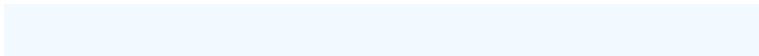
95.0267, 0.2963, 0.3331

# Triad

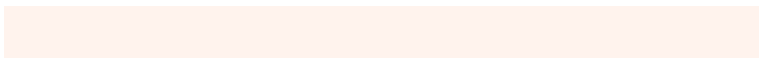
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.0267, 0.3065, 0.3430



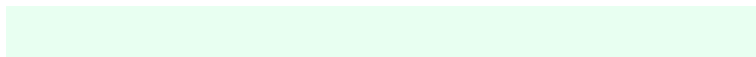
95.0267, 0.2963, 0.3090



95.0267, 0.3355, 0.3352

# Complementary

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



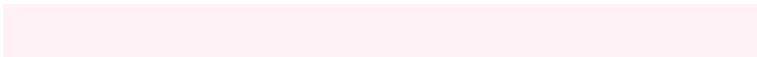
95.0267, 0.3065, 0.3430



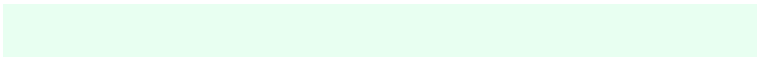
85.6155, 0.3195, 0.3154

# 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.



95.0267, 0.3293, 0.3248



95.0267, 0.3065, 0.3430



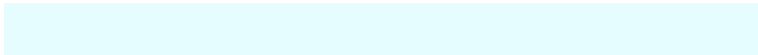
95.0267, 0.3066, 0.3099

# Square

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



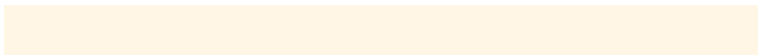
95.0267, 0.3065, 0.3430



95.0267, 0.2905, 0.3134



95.0267, 0.3187, 0.3156

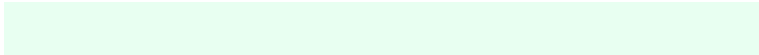


95.0267, 0.3354, 0.3442



# Rectangle

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



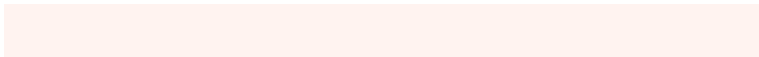
95.0267, 0.3065, 0.3430



95.0267, 0.2918, 0.3257



95.0267, 0.3187, 0.3156



95.0267, 0.3341, 0.3317

# Sweetspot

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



95.0256, 0.3065, 0.3430



98.2823, 0.3106, 0.3335



96.9702, 0.3205, 0.3517



20.9405, 0.3101, 0.3347



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

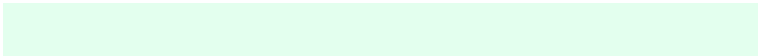


# Same Dimension

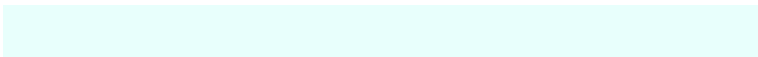
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0256, 0.3065, 0.3430



94.0140, 0.3051, 0.3463



95.7214, 0.3002, 0.3316



20.2864, 0.3062, 0.3438



37.8806, 0.2820, 0.5352



3.7090, 0.2757, 0.5125



# Inverse Universe

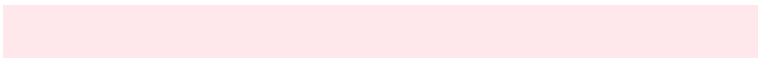
The Inverse Universe completely reimagines the original color for something new.



85.6155, 0.3195, 0.3154



82.7013, 0.3211, 0.3123



84.9433, 0.3268, 0.3264



18.1724, 0.3199, 0.3147



12.3725, 0.4515, 0.2261

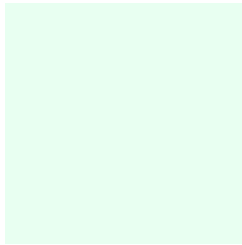


1.2262, 0.4325, 0.2156



# Previews

## White Background



This preview shows how the Yxy color 95.0267, 0.3065, 0.3430 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

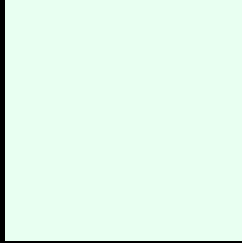
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.0267, 0.3065, 0.3430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

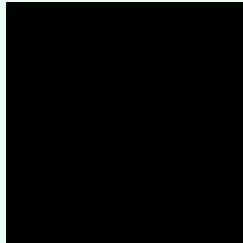
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

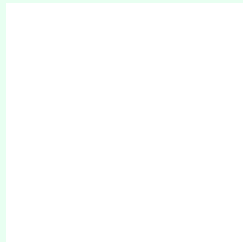
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 95.0267, 0.3065, 0.3430**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.0267, 0.3065, 0.3430.

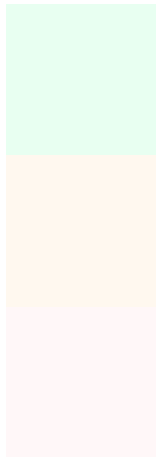


This preview shows how white text looks on a background with the Yxy color 95.0267, 0.3065, 0.3430.

# 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

95.0267, 0.3065, 0.3430

### Protanopia

94.6268, 0.3226, 0.3377

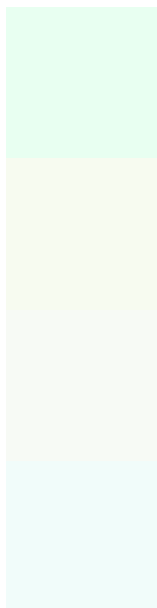
### Deuteranopia

94.5588, 0.3172, 0.3281

## **Tritanopia**

95.1840, 0.3073, 0.3241

# Trichromacy



## Original Color

95.0267, 0.3065, 0.3430

## Protanomaly

95.0598, 0.3166, 0.3398

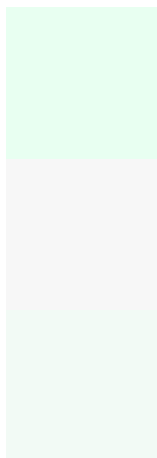
## Deuteranomaly

94.7379, 0.3138, 0.3339

## Tritanomaly

95.2237, 0.3070, 0.3309

# Monochromacy



## Original Color

95.0267, 0.3065, 0.3430

## Achromatopsia

93.0111, 0.3127, 0.3290

## Achromatomaly

93.8410, 0.3106, 0.3339

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.0267, 0.3065, 0.3430 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(232, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 241) }
```

## Border

The CSS property to change the border of an element to Yxy 95.0267, 0.3065, 0.3430 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(232, 255, 241) }
```

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

```
.border{ border-color:rgb(232, 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(232, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
241) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.0267, 0.3065, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 241) }
```

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

```
.background{ background-color: rgb(232,  
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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