

# Converting Colors

$Yxy(95.1263, 0.3053, 0.3207)$

Have a look what the booklet for  
Yxy(95.1263, 0.3053, 0.3207)  
contains.

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# Color

**Yxy(95.1840, 0.3073, 0.3241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6FAFF
RGB	246, 250, 255
RGB Percent	96%, 98%, 100%
CMY	0.0352, 0.0196, 0.0000
CMYK	0.04, 0.02, 0.00, 0.00
HSL	213°, 100%, 98%
HSV	213°, 4%, 100%
XYZ	90.2501, 95.1840, 108.2531
YIQ	249.3740, -3.9890, 0.7070

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 249, 255
Decimal	16186111
CIE Lab	98.11, -0.40, -2.88
CIE LCh	98, 2.905, 262.123
Yxy	95.1840, 0.3073, 0.3241
Android (android.graphics.Color)	4294376191 (0xFF6FAFF)
YUV	249.3740, 2.7736, -2.9590
Hunter-Lab	97.5623, -5.6125, 2.5067

# Details

The Yxy color 95.1840, 0.3073, 0.3241 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.9211, 0.3182, 0.3338, and the grayscale version is 95.0367, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.6079, 0.3066, 0.3241 is the 20% darker color. If you saturate the color by 10%, you get 82.3911, 0.2914, 0.3092, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

# Distribution



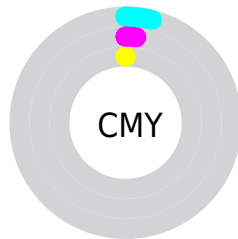
- Red (96%)
- Green (98%)
- Blue (100%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (2%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.1840, 0.3073, 0.3241 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 95.1840, 0.3073, 0.3241 by changing the saturation by 10% instead.



 95.1840, 0.3073,  
0.3241

 95.1840, 0.3073,  
0.3241


544.7539, 0.3097,  
0.3263

 72.2881, 0.3068,  
0.3236


154.5188, 0.3081,  
0.3248

 53.3941, 0.3061,  
0.3231


191.7265, 0.3084,  
0.3251

 38.1175, 0.3054,  
0.3223


234.4736, 0.3087,  
0.3254

 26.0739, 0.3044,  
0.3214

283.1445, 0.3090,  
0.3256

 16.8789, 0.3031,  
0.3203

338.1236, 0.3092,  
0.3258

 10.1482, 0.3013,  
0.3186

399.7952, 0.3094,

 5.4973, 0.2987,

0.3260

0.3163

468.5439, 0.3095,  
0.3261

■ 2.5419, 0.2947,  
0.3126

■ 0.8976, 0.2873,  
0.3058

■ 95.1840, 0.3073,  
0.3241

■ 95.1840, 0.3073,  
0.3241

■ 82.3911, 0.2914,  
0.3092

100.0000, 0.3127,  
0.3290

■ 70.8539, 0.2749,  
0.2925

■ 60.5315, 0.2579,  
0.2742

■ 51.3789, 0.2409,  
0.2543

■ 43.3479, 0.2245,  
0.2333

■ 36.3862, 0.2091,  
0.2114

■ 30.4364, 0.1955,  
0.1894

■ 25.4340, 0.1841,  
0.1680

■ 21.3033, 0.1755,  
0.1480

# Harmonies

## Analogous

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



95.1840, 0.3065, 0.3260



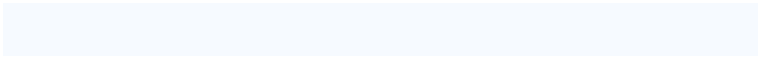
95.1840, 0.3073, 0.3241



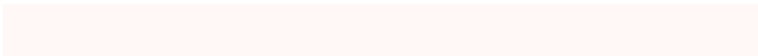
95.1840, 0.3096, 0.3235

# Triad

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



95.1840, 0.3073, 0.3241



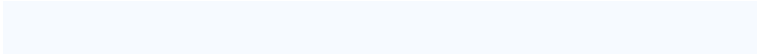
95.1840, 0.3181, 0.3293



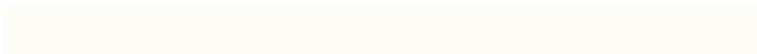
95.1840, 0.3128, 0.3337

# Complementary

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



95.1840, 0.3073, 0.3241



96.9211, 0.3182, 0.3338

# Split Complementary

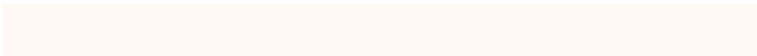
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1840, 0.3159, 0.3346



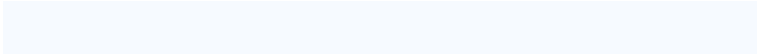
95.1840, 0.3073, 0.3241



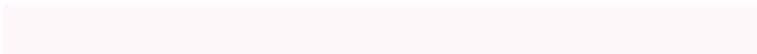
95.1840, 0.3190, 0.3320

# Square

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



95.1840, 0.3073, 0.3241



95.1840, 0.3158, 0.3265



95.1840, 0.3182, 0.3339

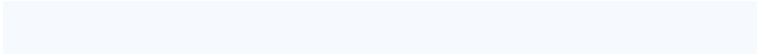


95.1840, 0.3096, 0.3316



# Rectangle

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



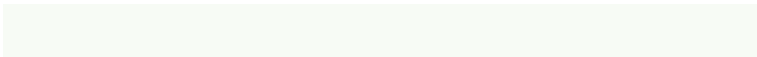
95.1840, 0.3073, 0.3241



95.1840, 0.3116, 0.3240



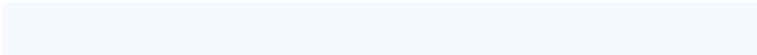
95.1840, 0.3182, 0.3339



95.1840, 0.3138, 0.3341

# Sweetspot

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



95.1857, 0.3073, 0.3241



98.6169, 0.3112, 0.3276



98.0782, 0.3095, 0.3329



21.1227, 0.3113, 0.3277



0.0000, 0.0000, 0.0000

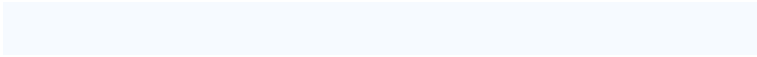


21.4041, 0.3127, 0.3290

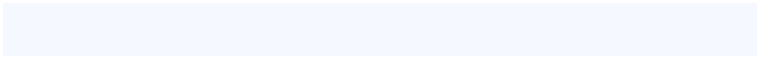


# Same Dimension

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



95.1857, 0.3073, 0.3241



94.5460, 0.3066, 0.3235



92.8190, 0.3077, 0.3203



20.0222, 0.3054, 0.3224



10.2307, 0.1719, 0.1389

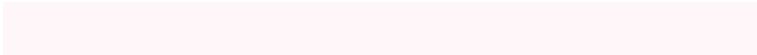


1.2098, 0.1780, 0.1608



# Inverse Universe

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



94.0838, 0.3161, 0.3252



93.3034, 0.3166, 0.3247



99.3498, 0.3176, 0.3376



19.7096, 0.3173, 0.3238



11.7608, 0.5205, 0.2641

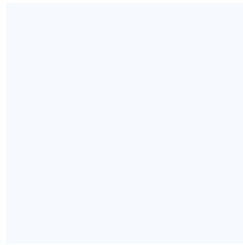


1.1667, 0.4921, 0.2485



# Previews

## White Background



This preview shows how the Yxy color 95.1840, 0.3073, 0.3241 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

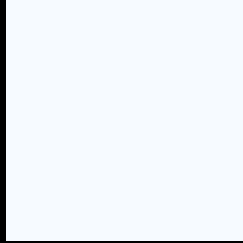
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.1840, 0.3073, 0.3241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

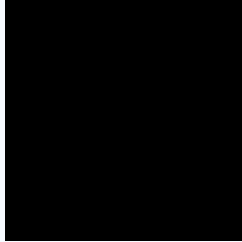
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

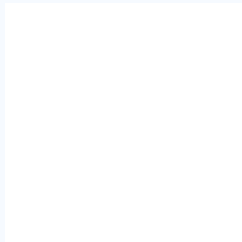
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 95.1840, 0.3073, 0.3241**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.1840, 0.3073, 0.3241.

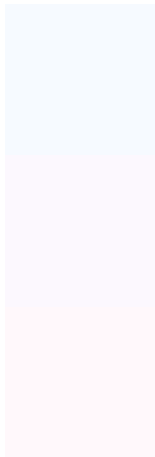


This preview shows how white text looks on a background with the Yxy color 95.1840, 0.3073, 0.3241.

# 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

95.1840, 0.3073, 0.3241

### Protanopia

94.9860, 0.3117, 0.3232

### Deuteranopia

95.3598, 0.3154, 0.3261

## **Tritanopia**

95.1111, 0.3092, 0.3232

# Trichromacy



**Original Color**

95.1840, 0.3073, 0.3241

**Protanomaly**

95.2311, 0.3104, 0.3242

**Deuteranomaly**

95.4751, 0.3129, 0.3261

**Tritanomaly**

94.9278, 0.3086, 0.3232

# Monochromacy



**Original Color**

95.1840, 0.3073, 0.3241

**Achromatopsia**

94.7307, 0.3127, 0.3290

**Achromatomaly**

94.6729, 0.3109, 0.3271

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.1840, 0.3073, 0.3241 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(246, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 250, 255)  
}
```

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(246, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 250, 255) }
```

## Border

The CSS property to change the border of an element to Yxy 95.1840, 0.3073, 0.3241 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(246, 250, 255) }
```

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

```
.border{ border-color:rgb(246, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 250,  
255) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.1840, 0.3073, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 250, 255) }
```

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

```
.background{ background-color: rgb(246,  
250, 255) }
```

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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