

Converting Colors

$Yxy(93.7437, 0.3019, 0.3242)$

Have a look what the booklet for
Yxy(93.7437, 0.3019, 0.3242)
contains.

Yxy(93.5957, 0.3018, 0.3240)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.5957, 0.3018, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	EDFAFF
RGB	237, 250, 255
RGB Percent	93%, 98%, 100%
CMY	0.0703, 0.0197, 0.0000
CMYK	0.07, 0.02, 0.00, 0.00
HSL	197°, 100%, 96%
HSV	197°, 7%, 100%
XYZ	87.1827, 93.5957, 108.0973
YIQ	246.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

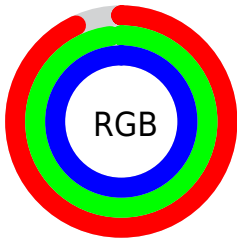
Format	Color
R _Y B	237, 245, 255
Decimal	15596287
CIE Lab	97.47, -3.28, -3.88
CIE LCh	97, 5.081, 229.812
Yxy	93.5957, 0.3018, 0.3240
Android (android.graphics.Color)	4293786367 (0xFFEDFAFF)
YUV	246.6830, 4.1003, -8.4920
Hunter-Lab	96.7449, -8.4464, 1.4741

Details

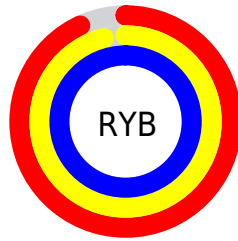
The Yxy color 93.5957, 0.3018, 0.3240 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.9413, 0.3243, 0.3339, and the grayscale version is 92.7232, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.4845, 0.2996, 0.3239 is the 20% darker color. If you saturate the color by 10%, you get 85.1609, 0.2863, 0.3163, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

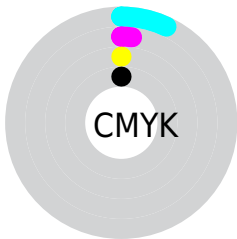
Distribution



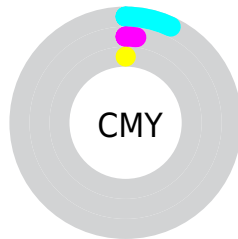
- Red (93%)
- Green (98%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5957, 0.3018, 0.3240 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 93.5957, 0.3018, 0.3240 by changing the saturation by 10% instead.


 93.5957, 0.3018,
0.3240

 93.5957, 0.3018,
0.3240

539.6594, 0.3066,
0.3262

 70.9667, 0.3008,
0.3235

152.3231, 0.3034,
0.3248

 52.3150, 0.2995,
0.3229

189.1903, 0.3041,
0.3251

 37.2563, 0.2979,
0.3222


231.5723, 0.3046,
0.3253

 25.4060, 0.2959,
0.3212

279.8537, 0.3051,
0.3256

 16.3798, 0.2933,
0.3199

334.4186, 0.3056,
0.3258

 9.7933, 0.2897,
0.3182

395.6517, 0.3060,

 5.2621, 0.2845,

0.3259

0.3156

463.9371, 0.3063,
0.3261

■ 2.4019, 0.2763,
0.3114

■ 0.8268, 0.2595,
0.3040

■ 93.5957, 0.3018,
0.3240

■ 93.5957, 0.3018,
0.3240

■ 85.1609, 0.2863,
0.3163

100.0000, 0.3127,
0.3290

■ 77.4878, 0.2711,
0.3079

■ 70.5491, 0.2565,
0.2988

■ 64.3124, 0.2428,
0.2890

■ 58.7428, 0.2304,
0.2788

■ 53.8015, 0.2197,
0.2683

■ 49.4448, 0.2109,
0.2576

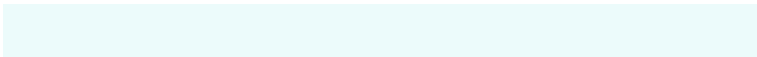
■ 45.6218, 0.2041,
0.2469

■ 42.2678, 0.1994,
0.2364

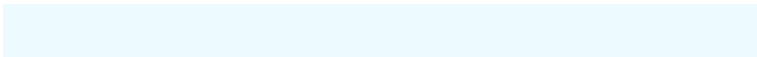
Harmonies

Analogous

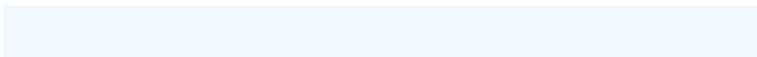
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5957, 0.3035, 0.3289



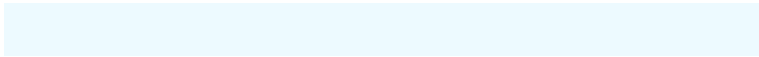
93.5957, 0.3018, 0.3240



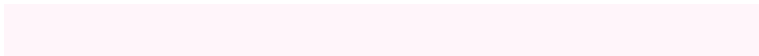
93.5957, 0.3030, 0.3205

Triad

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



93.5957, 0.3018, 0.3240



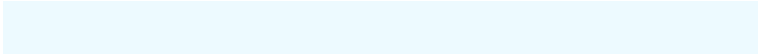
93.5957, 0.3178, 0.3243



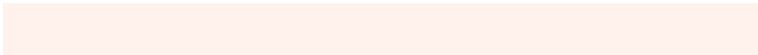
93.5957, 0.3186, 0.3388

Complementary

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



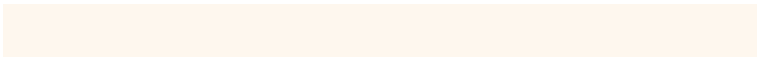
93.5957, 0.3018, 0.3240



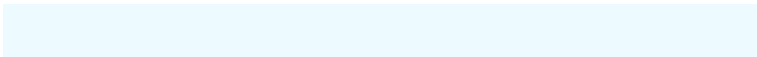
90.9413, 0.3243, 0.3339

Split Complementary

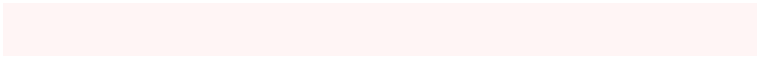
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.5957, 0.3225, 0.3375



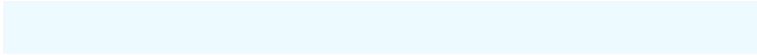
93.5957, 0.3018, 0.3240



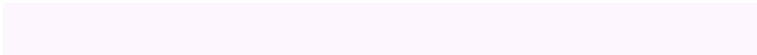
93.5957, 0.3220, 0.3291

Square

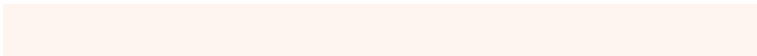
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



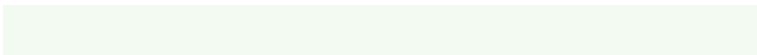
93.5957, 0.3018, 0.3240



93.5957, 0.3122, 0.3207



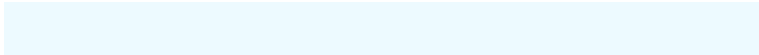
93.5957, 0.3238, 0.3339



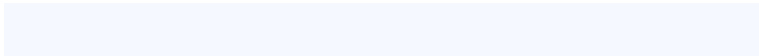
93.5957, 0.3132, 0.3375

Rectangle

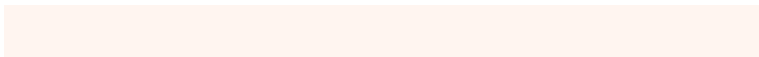
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.5957, 0.3018, 0.3240



93.5957, 0.3053, 0.3195



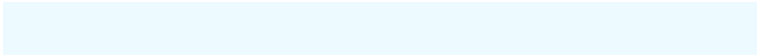
93.5957, 0.3238, 0.3339



93.5957, 0.3202, 0.3387

Sweetspot

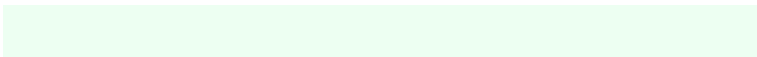
The Sweet Spot groups the original color and five complimentary colors.



93.5981, 0.3018, 0.3240



98.1377, 0.3096, 0.3276



95.9405, 0.3092, 0.3420



21.0251, 0.3098, 0.3277



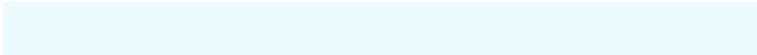
0.0000, 0.0000, 0.0000



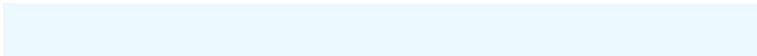
21.4041, 0.3127, 0.3290

Same Dimension

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



93.5981, 0.3018, 0.3240



92.7435, 0.3003, 0.3233



88.3033, 0.3019, 0.3153



19.5710, 0.2980, 0.3222



21.8625, 0.1986, 0.2350



2.3134, 0.2020, 0.2470

Inverse Universe

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



88.7753, 0.3166, 0.3165



87.3054, 0.3172, 0.3148



96.2601, 0.3235, 0.3423



18.2085, 0.3181, 0.3120



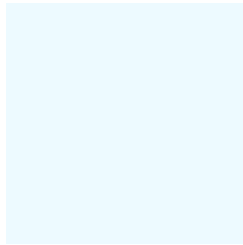
12.9350, 0.4074, 0.2018



1.2781, 0.3952, 0.1951

Previews

White Background



This preview shows how the Yxy color 93.5957, 0.3018, 0.3240 looks on a white background.

Color Contrast Check

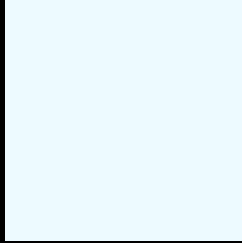
Large Text (above 18pt) WCAG AA × Fail

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 93.5957, 0.3018, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

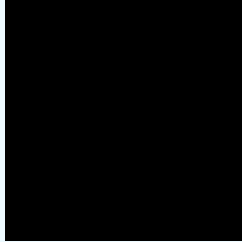
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

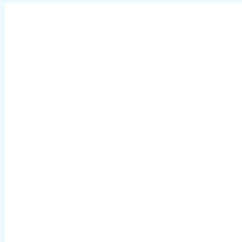
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5957, 0.3018, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 93.5957, 0.3018, 0.3240.

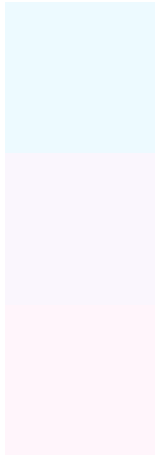


This preview shows how white text looks on a background with the Yxy color 93.5957, 0.3018, 0.3240.

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

93.5957, 0.3018, 0.3240

Protanopia

93.3274, 0.3111, 0.3222

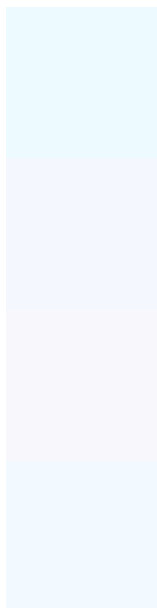
Deuteranopia

93.5299, 0.3156, 0.3232

Tritanopia

93.7673, 0.3067, 0.3222

Trichromacy



Original Color

93.5957, 0.3018, 0.3240

Protanomaly

93.0898, 0.3073, 0.3222

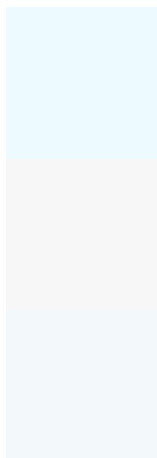
Deuteranomaly

93.5063, 0.3104, 0.3241

Tritanomaly

93.8486, 0.3049, 0.3231

Monochromacy



Original Color

93.5957, 0.3018, 0.3240

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.0916, 0.3084, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5957, 0.3018, 0.3240 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(237, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 250, 255) }
```

Border

The CSS property to change the border of an element to Yxy 93.5957, 0.3018, 0.3240 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(237, 250, 255) }
```

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

```
.border{ border-color:rgb(237, 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(237, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 250,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5957, 0.3018, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 250, 255) }
```

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

```
.background{ background-color: rgb(237,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor