

Converting Colors

$Yxy(94.1334, 0.3020, 0.3312)$

Have a look what the booklet for
Yxy(94.1334, 0.3020, 0.3312)
contains.

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Color

Yxy(93.8466, 0.3021, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	E9FCFA
RGB	233, 252, 250
RGB Percent	91%, 99%, 98%
CMY	0.0865, 0.0117, 0.0197
CMYK	0.08, 0.00, 0.01, 0.01
HSL	174°, 76%, 95%
HSV	174°, 8%, 99%
XYZ	85.6527, 93.8466, 104.0251
YIQ	246.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

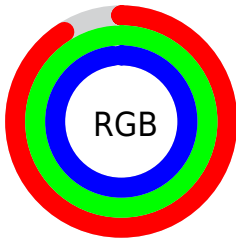
Format	Color
R _Y B	233, 243, 252
Decimal	15334650
CIE _{Lab}	97.57, -6.57, -1.17
CIE _{LCh}	98, 6.677, 190.089
Y _{xy}	93.8466, 0.3021, 0.3310
Android (android.graphics.Color)	4293524730 (0xFFE9FCFA)
Y _{UV}	246.0910, 1.9271, -11.4808
Hunter-Lab	96.8745, -11.7073, 4.1457

Details

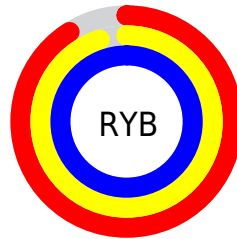
The Yxy color 93.8466, 0.3021, 0.3310 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.9419, 0.3244, 0.3270, and the grayscale version is 92.2215, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.2724, 0.2994, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 89.7408, 0.2887, 0.3339, and if you desaturate by 10%, it is 97.9673, 0.3142, 0.3284.

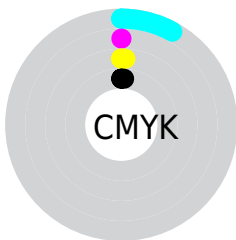
Distribution



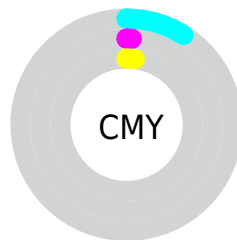
- Red (91%)
- Green (99%)
- Blue (98%)



- Red (91%)
- Yellow (95%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)





- Cyan (9%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.8466, 0.3021, 0.3310 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 93.8466, 0.3021, 0.3310 by changing the saturation by 10% instead.


 93.8466, 0.3021,
0.3310

 93.8466, 0.3021,
0.3310


540.4659, 0.3068,
0.3301

 71.1754, 0.3011,
0.3312


152.6702, 0.3037,
0.3307

 52.4853, 0.2998,
0.3314


189.5913, 0.3043,
0.3306

 37.3921, 0.2983,
0.3317


232.0312, 0.3049,
0.3305

 25.5112, 0.2964,
0.3320

280.3743, 0.3053,
0.3304

 16.4583, 0.2938,
0.3325

335.0048, 0.3058,
0.3303

 9.8491, 0.2903,
0.3331

396.3074, 0.3061,

 5.2990, 0.2852,

0.3303

0.3339

464.6663, 0.3065,
0.3302

■ 2.4237, 0.2772,
0.3352

■ 0.8381, 0.2577,
0.3395

■ 93.8466, 0.3021,
0.3310

■ 93.8466, 0.3021,
0.3310

■ 89.7408, 0.2887,
0.3339

■ 97.9673, 0.3142,
0.3284

■ 86.2136, 0.2762,
0.3370

■ 98.1158, 0.3128,
0.3262

■ 83.2416, 0.2649,
0.3403

■ 80.7951, 0.2552,
0.3438

■ 78.8419, 0.2472,
0.3474

■ 77.3460, 0.2411,
0.3512

■ 76.2666, 0.2369,
0.3549

■ 75.5556, 0.2347,
0.3586

■ 75.1497, 0.2342,
0.3623

Harmonies

Analogous

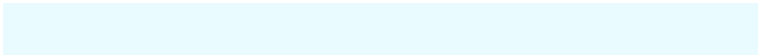
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8466, 0.3083, 0.3372



93.8466, 0.3021, 0.3310



93.8466, 0.2987, 0.3243

Triad

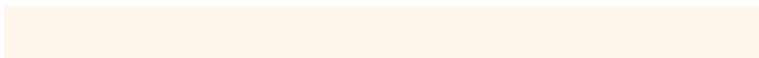
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.8466, 0.3021, 0.3310



93.8466, 0.3096, 0.3173



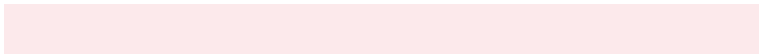
93.8466, 0.3266, 0.3388

Complementary

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



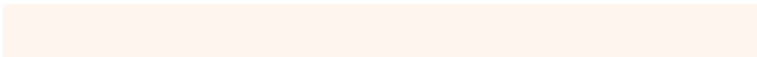
93.8466, 0.3021, 0.3310



84.9419, 0.3244, 0.3270

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.



93.8466, 0.3269, 0.3334



93.8466, 0.3021, 0.3310



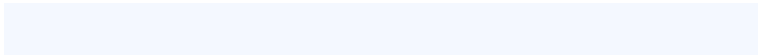
93.8466, 0.3170, 0.3211

Square

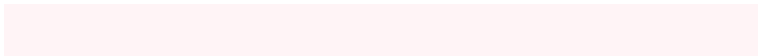
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.8466, 0.3021, 0.3310



93.8466, 0.3030, 0.3165



93.8466, 0.3234, 0.3269



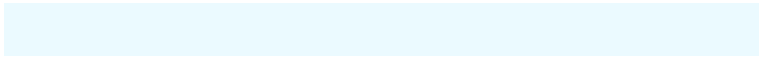
93.8466, 0.3225, 0.3417

Rectangle

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



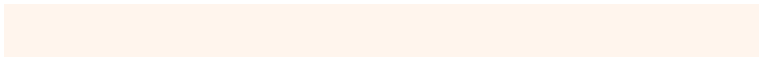
93.8466, 0.3021, 0.3310



93.8466, 0.2985, 0.3206



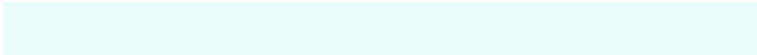
93.8466, 0.3234, 0.3269



93.8466, 0.3271, 0.3373

Sweetspot

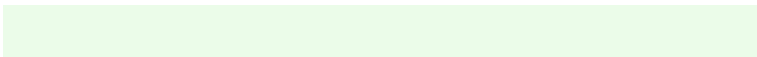
The Sweet Spot groups the original color and five complimentary colors.



93.8506, 0.3021, 0.3310



99.0104, 0.3099, 0.3295



93.2064, 0.3132, 0.3482



21.2027, 0.3100, 0.3295



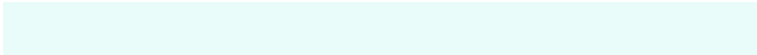
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

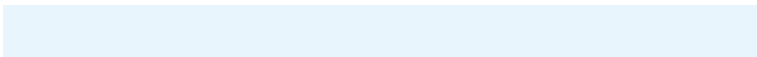
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.8506, 0.3021, 0.3310



95.7469, 0.3001, 0.3314



89.4725, 0.3010, 0.3216



19.5747, 0.2995, 0.3315



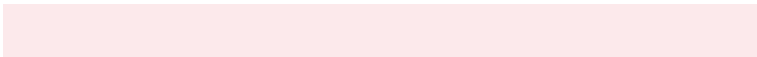
39.1120, 0.2341, 0.3626



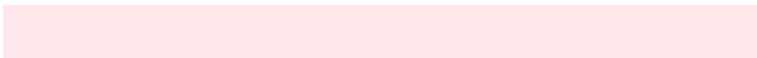
3.6313, 0.2328, 0.3582

Inverse Universe

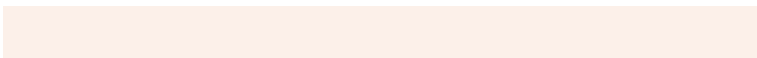
The Inverse Universe completely reimagines the original color for something new.



84.9419, 0.3244, 0.3270



84.9711, 0.3269, 0.3266



89.0510, 0.3251, 0.3362



17.2554, 0.3277, 0.3265



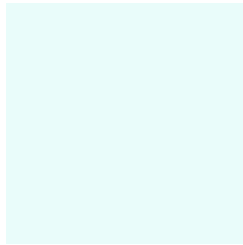
10.8317, 0.6276, 0.3231



1.0128, 0.6042, 0.3102

Previews

White Background



This preview shows how the Yxy color 93.8466, 0.3021, 0.3310 looks on a white background.

Color Contrast Check

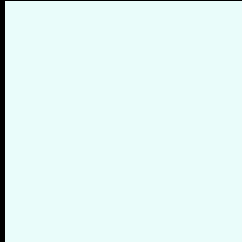
Large Text (above 18pt) WCAG AA × Fail

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 93.8466, 0.3021, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

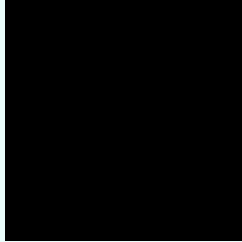
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

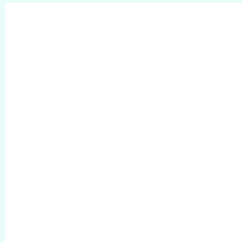
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.8466, 0.3021, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 93.8466, 0.3021, 0.3310.

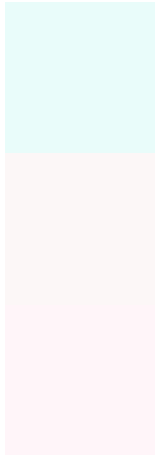


This preview shows how white text looks on a background with the Yxy color 93.8466, 0.3021, 0.3310.

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

93.8466, 0.3021, 0.3310

Protanopia

93.9324, 0.3159, 0.3290

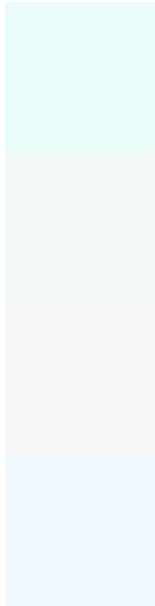
Deuteranopia

93.4044, 0.3168, 0.3252

Tritanopia

93.5879, 0.3061, 0.3222

Trichromacy



Original Color

93.8466, 0.3021, 0.3310

Protanomaly

93.9412, 0.3108, 0.3300

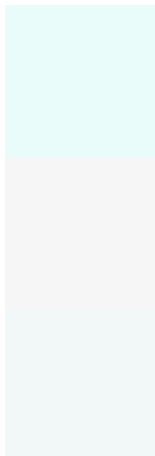
Deuteranomaly

93.7485, 0.3115, 0.3280

Tritanomaly

93.3685, 0.3048, 0.3250

Monochromacy



Original Color

93.8466, 0.3021, 0.3310

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.5510, 0.3089, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.8466, 0.3021, 0.3310 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(233, 252, 250)` looks like.

```
.text, #text, p{  
    color:rgb(233, 252, 250)  
}
```

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(233, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 252, 250) }
```

Border

The CSS property to change the border of an element to Yxy 93.8466, 0.3021, 0.3310 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(233, 252, 250) }
```

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

```
.border{ border-color:rgb(233, 252, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 252, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(233, 252,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8466, 0.3021, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 252, 250) }
```

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

```
.background{ background-color: rgb(233,  
252, 250) }
```

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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