

Converting Colors

$Y_{xy}(100.0000, 0.2955, 0.3395)$

Have a look what the booklet for
Yxy(100.0000, 0.2955, 0.3395)
contains.

Yxy(94.4591, 0.2951, 0.3310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(94.4591, 0.2951, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFFD
RGB	224, 255, 253
RGB Percent	88%, 100%, 99%
CMY	0.1218, 0.0000, 0.0079
CMYK	0.12, 0.00, 0.01, 0.00
HSL	176°, 100%, 94%
HSV	176°, 12%, 100%
XYZ	84.2141, 94.4591, 106.7017
YIQ	245.5030, -17.8340, -7.1940

Conversions

Conversions Part 2

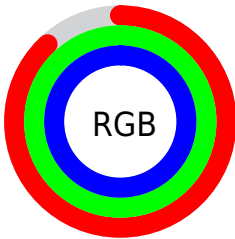
Format	Color
R _{YB}	224, 240, 255
Decimal	14745597
CIE _{Lab}	97.82, -10.36, -2.42
CIE _{LCh}	98, 10.635, 193.152
Y _{xy}	94.4591, 0.2951, 0.3310
Android (android.graphics.Color)	4292935677 (0xFFE0FFFD)
YUV	245.5030, 3.6960, -18.8581
Hunter-Lab	97.1901, -15.4143, 2.9406

Details

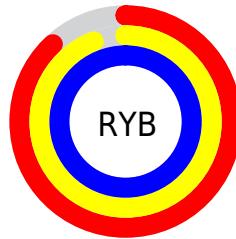
The Yxy color **94.4591, 0.2951, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.0320, 0.3335, 0.3270**, and the grayscale version is **91.7008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8087, 0.2920, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **90.5715, 0.2815, 0.3328**, and if you desaturate by 10%, it is **98.9386, 0.3095, 0.3293**.

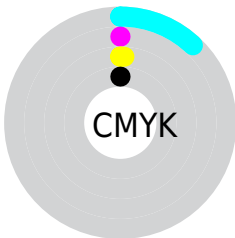
Distribution



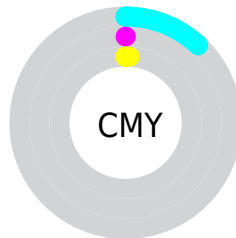
- Red (88%)
- Green (100%)
- Blue (99%)



- Red (88%)
- Yellow (94%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)




- Cyan (12%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.4591, 0.2951, 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 94.4591, 0.2951, 0.3310 by changing the saturation by 10% instead.


 94.4591, 0.2951,
0.3310

 94.4591, 0.2951,
0.3310

542.4319, 0.3029,
0.3302

 71.6849, 0.2934,
0.3312


153.5171, 0.2977,
0.3307

 52.9013, 0.2914,
0.3314

190.5697, 0.2988,
0.3306

 37.7240, 0.2889,
0.3316


233.1505, 0.2997,
0.3305

 25.7685, 0.2857,
0.3319

281.6439, 0.3005,
0.3304

 16.6506, 0.2815,
0.3323

336.4344, 0.3012,
0.3304

 9.9857, 0.2758,
0.3328

397.9063, 0.3018,

 5.3895, 0.2676,

0.3303

0.3334

466.4440, 0.3023,
0.3302

■ 2.4775, 0.2547,
0.3342

■ 0.8654, 0.2231,
0.3388

■ 94.4591, 0.2951,
0.3310

■ 94.4591, 0.2951,
0.3310

■ 90.5715, 0.2815,
0.3328

■ 98.9386, 0.3095,
0.3293

■ 87.2786, 0.2691,
0.3347

100.0000, 0.3127,
0.3290

■ 84.5413, 0.2582,
0.3367

■ 82.3279, 0.2489,
0.3389

■ 80.6036, 0.2414,
0.3411

■ 79.3292, 0.2360,
0.3433

■ 78.4598, 0.2325,
0.3455

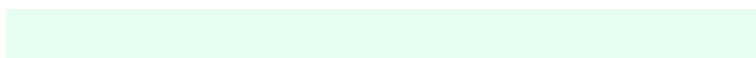
■ 77.9409, 0.2307,
0.3477

■ 77.7159, 0.2304,
0.3494

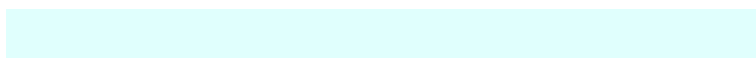
Harmonies

Analogous

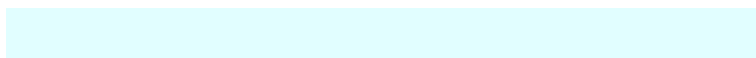
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4591, 0.3045, 0.3412



94.4591, 0.2951, 0.3310



94.4591, 0.2904, 0.3205

Triad

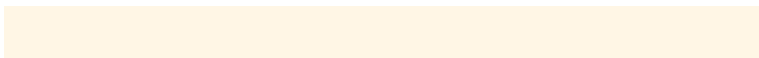
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.4591, 0.2951, 0.3310



94.4591, 0.3088, 0.3109



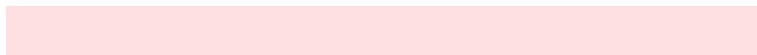
94.4591, 0.3344, 0.3452

Complementary

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



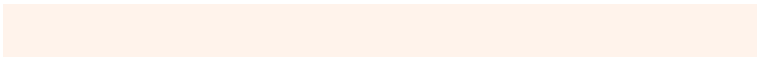
94.4591, 0.2951, 0.3310



80.0320, 0.3335, 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.



94.4591, 0.3356, 0.3369



94.4591, 0.2951, 0.3310



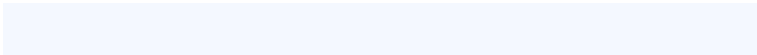
94.4591, 0.3207, 0.3173

Square

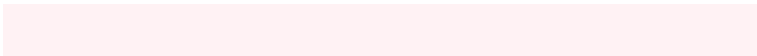
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



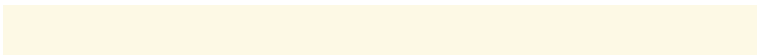
94.4591, 0.2951, 0.3310



94.4591, 0.2982, 0.3091



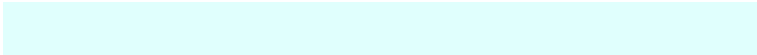
94.4591, 0.3306, 0.3267



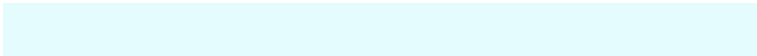
94.4591, 0.3272, 0.3494

Rectangle

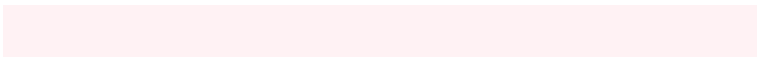
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



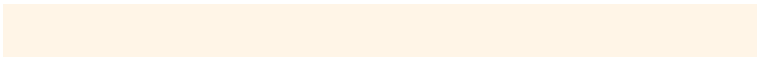
94.4591, 0.2951, 0.3310



94.4591, 0.2904, 0.3147



94.4591, 0.3306, 0.3267



94.4591, 0.3355, 0.3428

Sweetspot

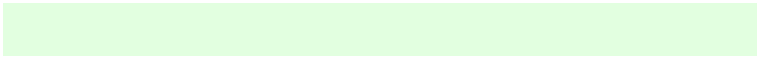
The Sweet Spot groups the original color and five complimentary colors.



94.4492, 0.2951, 0.3310



98.0738, 0.3068, 0.3296



93.0704, 0.3125, 0.3610



20.9167, 0.3057, 0.3297



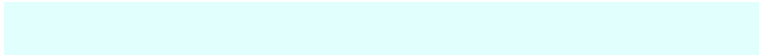
0.0000, 0.0000, 0.0000



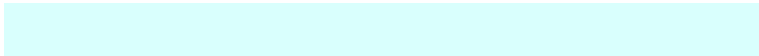
21.4041, 0.3127, 0.3290

Same Dimension

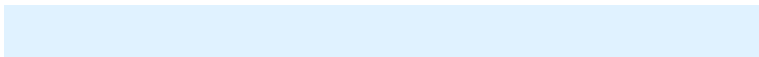
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.4492, 0.2951, 0.3310



93.2940, 0.2912, 0.3315



86.2917, 0.2937, 0.3153



20.4598, 0.2989, 0.3305



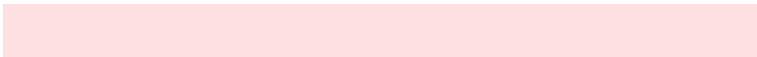
40.6170, 0.2303, 0.3490



3.9607, 0.2296, 0.3465

Inverse Universe

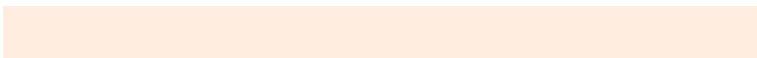
The Inverse Universe completely reimagines the original color for something new.



80.0320, 0.3335, 0.3270



75.8841, 0.3391, 0.3266



87.4410, 0.3331, 0.3424



18.0063, 0.3284, 0.3275



11.1365, 0.6335, 0.3263



1.0907, 0.6184, 0.3180

Previews

White Background



This preview shows how the Yxy color 94.4591, 0.2951, 0.3310 looks on a white background.

Color Contrast Check

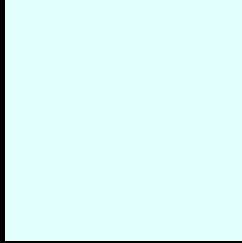
Large Text (above 18pt) WCAG AA × Fail

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 94.4591, 0.2951, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

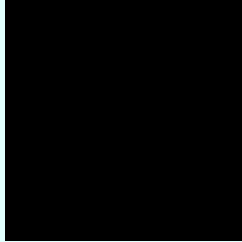
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.4591, 0.2951, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 94.4591, 0.2951, 0.3310.



This preview shows how white text looks on a background with the Yxy color 94.4591, 0.2951, 0.3310.

Color Blindness Simulation

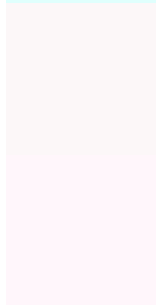
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.4591, 0.2951, 0.3310



Protanopia

93.9943, 0.3153, 0.3280

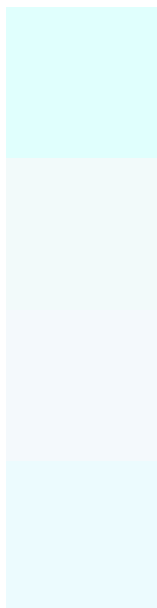
Deuteranopia

94.1366, 0.3155, 0.3242

Tritanopia

94.0260, 0.3055, 0.3231

Trichromacy



Original Color

94.4591, 0.2951, 0.3310

Protanomaly

94.1506, 0.3077, 0.3290

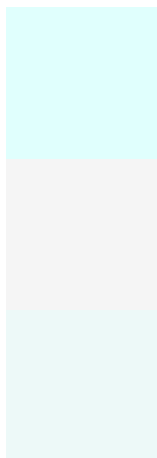
Deuteranomaly

94.0127, 0.3078, 0.3261

Tritanomaly

93.9830, 0.3017, 0.3260

Monochromacy



Original Color

94.4591, 0.2951, 0.3310

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.5332, 0.3058, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.4591, 0.2951, 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(224, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 253)  
}
```

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(224, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 94.4591, 0.2951, 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(224, 255, 253) }
```

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

```
.border{ border-color:rgb(224, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 94.4591, 0.2951, 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(224, 255, 253) }
```

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

```
.background{ background-color: rgb(224,  
255, 253) }
```

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