

Converting Colors

$Yxy(94.9163, 0.2991, 0.3330)$

Have a look what the booklet for
Yxy(94.9163, 0.2991, 0.3330)
contains.

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Color

Yxy(95.1430, 0.2992, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFFB
RGB	229, 255, 251
RGB Percent	90%, 100%, 98%
CMY	0.1018, 0.0000, 0.0159
CMYK	0.10, 0.00, 0.02, 0.00
HSL	171°, 100%, 95%
HSV	171°, 10%, 100%
XYZ	85.4858, 95.1430, 105.0859
YIQ	246.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

Format	Color
R _Y B	229, 243, 255
Decimal	15073275
CIE Lab	98.09, -9.13, -0.94
CIE LCh	98, 9.180, 185.874
Yxy	95.1430, 0.2992, 0.3330
Android (android.graphics.Color)	4293263355 (0xFFE5FFFB)
YUV	246.7700, 2.0854, -15.5843
Hunter-Lab	97.5413, -14.2586, 4.4029

Details

The Yxy color **95.1430, 0.2992, 0.3330** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.2018, 0.3281, 0.3250**, and the grayscale version is **92.8089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2125, 0.2957, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **91.0050, 0.2866, 0.3373**, and if you desaturate by 10%, it is **99.9059, 0.3125, 0.3291**.

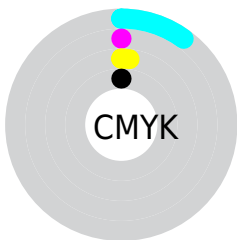
Distribution



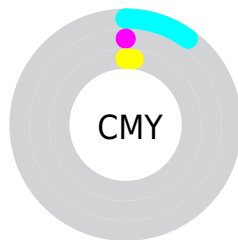
- Red (90%)
- Green (100%)
- Blue (98%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (10%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1430, 0.2992, 0.3330 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 95.1430, 0.2992, 0.3330 by changing the saturation by 10% instead.

 95.1430, 0.2992,
0.3330

 95.1430, 0.2992,
0.3330


544.6227, 0.3052,
0.3313

 72.2540, 0.2979,
0.3334

154.4621, 0.3012,
0.3324

 53.3662, 0.2963,
0.3338


191.6611, 0.3020,
0.3322

 38.0952, 0.2944,
0.3344


234.3988, 0.3027,
0.3320

 26.0566, 0.2919,
0.3351

283.0597, 0.3033,
0.3318

 16.8660, 0.2887,
0.3360

338.0281, 0.3038,
0.3316

 10.1390, 0.2843,
0.3372

399.6885, 0.3043,

 5.4912, 0.2780,

0.3315

0.3390

468.4252, 0.3048,
0.3314

■ 2.5382, 0.2680,
0.3418

■ 0.8957, 0.2448,
0.3489

■ 95.1430, 0.2992,
0.3330

■ 95.1430, 0.2992,
0.3330

■ 91.0050, 0.2866,
0.3373

99.9059, 0.3125,
0.3291

■ 87.4599, 0.2749,
0.3420

100.0000, 0.3127,
0.3290

■ 84.4806, 0.2645,
0.3470

■ 82.0360, 0.2556,
0.3522

■ 80.0919, 0.2484,
0.3577

■ 78.6102, 0.2432,
0.3633

■ 77.5471, 0.2400,
0.3689

■ 76.8505, 0.2386,
0.3745

■ 76.4403, 0.2389,
0.3799

Harmonies

Analogous

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



95.1430, 0.3081, 0.3412



95.1430, 0.2992, 0.3330



95.1430, 0.2940, 0.3238

Triad

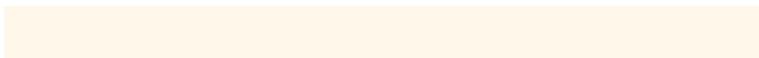
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1430, 0.2992, 0.3330



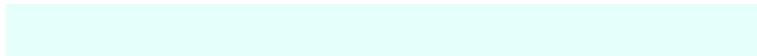
95.1430, 0.3070, 0.3126



95.1430, 0.3321, 0.3415

Complementary

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



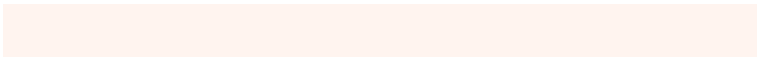
95.1430, 0.2992, 0.3330



83.2018, 0.3281, 0.3250

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.



95.1430, 0.3318, 0.3338



95.1430, 0.2992, 0.3330



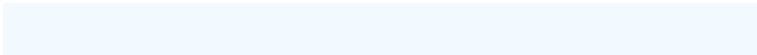
95.1430, 0.3172, 0.3172

Square

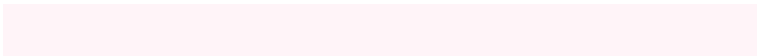
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



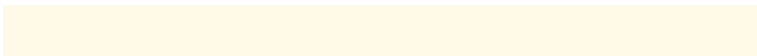
95.1430, 0.2992, 0.3330



95.1430, 0.2984, 0.3122



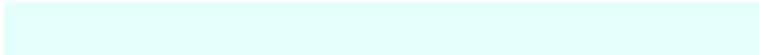
95.1430, 0.3263, 0.3249



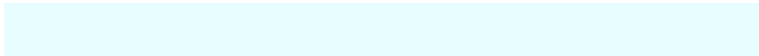
95.1430, 0.3271, 0.3461

Rectangle

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



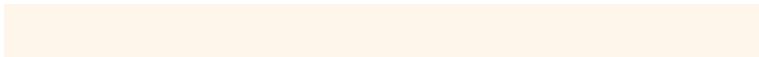
95.1430, 0.2992, 0.3330



95.1430, 0.2932, 0.3184



95.1430, 0.3263, 0.3249



95.1430, 0.3326, 0.3392

Sweetspot

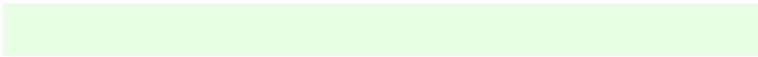
The Sweet Spot groups the original color and five complimentary colors.



95.1448, 0.2992, 0.3330



98.5013, 0.3087, 0.3301



94.5625, 0.3142, 0.3553



20.9997, 0.3076, 0.3304



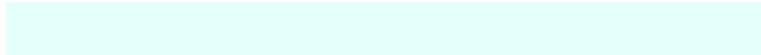
0.0000, 0.0000, 0.0000



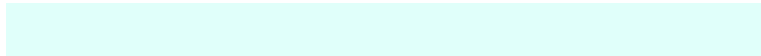
21.4041, 0.3127, 0.3290

Same Dimension

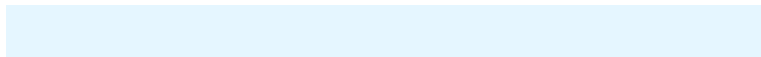
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1448, 0.2992, 0.3330



94.3480, 0.2969, 0.3338



90.0030, 0.2969, 0.3203



20.4300, 0.3001, 0.3327



39.9600, 0.2386, 0.3790



3.9033, 0.2369, 0.3726

Inverse Universe

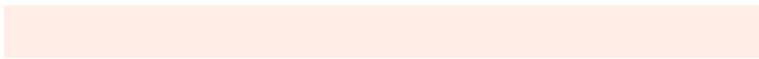
The Inverse Universe completely reimagines the original color for something new.



83.2018, 0.3281, 0.3250



80.4531, 0.3312, 0.3243



87.8849, 0.3298, 0.3376



18.0332, 0.3270, 0.3253



11.2015, 0.6186, 0.3181



1.1034, 0.5912, 0.3031

Previews

White Background



This preview shows how the Yxy color 95.1430, 0.2992, 0.3330 looks on a white background.

Color Contrast Check

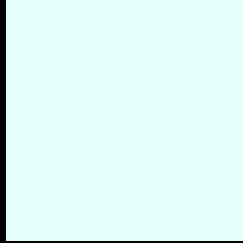
Large Text (above 18pt) WCAG AA × Fail

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 95.1430, 0.2992, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

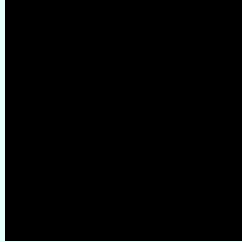
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

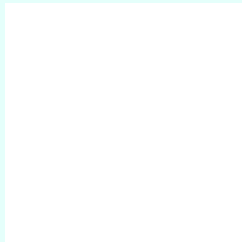
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1430, 0.2992, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 95.1430, 0.2992, 0.3330.



This preview shows how white text looks on a background with the Yxy color 95.1430, 0.2992, 0.3330.

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

95.1430, 0.2992, 0.3330



Protanopia

94.9210, 0.3171, 0.3300

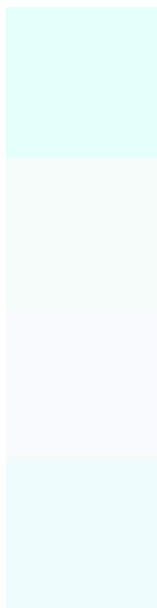
Deuteranopia

94.6837, 0.3160, 0.3261

Tritanopia

95.0037, 0.3067, 0.3241

Trichromacy



Original Color

95.1430, 0.2992, 0.3330

Protanomaly

95.1841, 0.3107, 0.3319

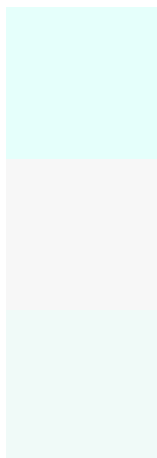
Deuteranomaly

94.8662, 0.3102, 0.3290

Tritanomaly

95.1273, 0.3035, 0.3270

Monochromacy



Original Color

95.1430, 0.2992, 0.3330

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.6738, 0.3076, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1430, 0.2992, 0.3330 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(229, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 251)  
}
```

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(229, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 251) }
```

Border

The CSS property to change the border of an element to Yxy 95.1430, 0.2992, 0.3330 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(229, 255, 251) }
```

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

```
.border{ border-color:rgb(229, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1430, 0.2992, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 251) }
```

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

```
.background{ background-color: rgb(229,  
255, 251) }
```

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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