

Converting Colors

Yxy(94.1430, 0.2959, 0.3335)

Have a look what the booklet for
Yxy(94.1430, 0.2959, 0.3335)
contains.

Yxy(94.1101, 0.2962, 0.3340)	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(94.1101, 0.2962, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFFA
RGB	223, 255, 250
RGB Percent	87%, 100%, 98%
CMY	0.1252, 0.0000, 0.0197
CMYK	0.13, 0.00, 0.02, 0.00
HSL	171°, 100%, 94%
HSV	171°, 13%, 100%
XYZ	83.4593, 94.1101, 104.1974
YIQ	244.8620, -17.4670, -8.3390

Conversions

Conversions Part 2

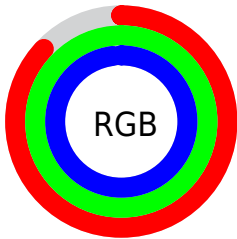
Format	Color
R_{YB}	223, 240, 255
Decimal	14680058
CIE _{Lab}	97.68, -11.19, -1.10
CIE _{LCh}	98, 11.244, 185.590
Yxy	94.1101, 0.2962, 0.3340
Android (android.graphics.Color)	4292870138 (0xFFDFFFA)
YUV	244.8620, 2.5330, -19.1730
Hunter-Lab	97.0104, -16.2022, 4.2248

Details

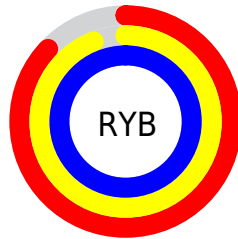
The Yxy color **94.1101, 0.2962, 0.3340** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.6735, 0.3321, 0.3241**, and the grayscale version is **91.1939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.6080, 0.2927, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **90.1145, 0.2838, 0.3384**, and if you desaturate by 10%, it is **98.7288, 0.3093, 0.3300**.

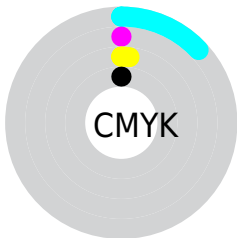
Distribution



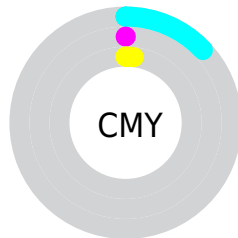
- Red (87%)
- Green (100%)
- Blue (98%)



- Red (87%)
- Yellow (94%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.1101, 0.2962, 0.3340 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 94.1101, 0.2962, 0.3340 by changing the saturation by 10% instead.

 94.1101, 0.2962,
0.3340

 94.1101, 0.2962,
0.3340

541.3121, 0.3035,
0.3318

 71.3945, 0.2946,
0.3345


153.0346, 0.2987,
0.3333

 52.6642, 0.2927,
0.3350


190.0123, 0.2996,
0.3330

 37.5348, 0.2903,
0.3357

232.5129, 0.3005,
0.3327

 25.6218, 0.2873,
0.3366

280.9207, 0.3012,
0.3325

 16.5409, 0.2833,
0.3378

335.6201, 0.3019,
0.3323

 9.9077, 0.2779,
0.3393

396.9956, 0.3025,

 5.3378, 0.2701,

0.3321

0.3415

465.4314, 0.3030,
0.3320

■ 2.4468, 0.2578,
0.3450

■ 0.8498, 0.2240,
0.3561

■ 94.1101, 0.2962,
0.3340

■ 94.1101, 0.2962,
0.3340

■ 90.1145, 0.2838,
0.3384

■ 98.7288, 0.3093,
0.3300

■ 86.7031, 0.2724,
0.3432

99.9944, 0.3127,
0.3290

■ 83.8506, 0.2623,
0.3483

■ 81.5250, 0.2538,
0.3536

■ 79.6915, 0.2471,
0.3592

■ 78.3107, 0.2423,
0.3648

■ 77.3374, 0.2396,
0.3705

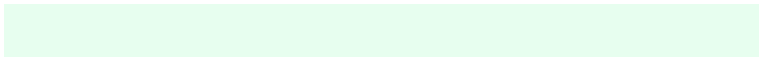
■ 76.7165, 0.2387,
0.3761

■ 76.4223, 0.2390,
0.3802

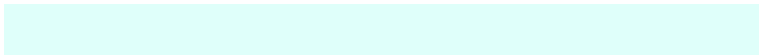
Harmonies

Analogous

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



94.1101, 0.3071, 0.3442



94.1101, 0.2962, 0.3340



94.1101, 0.2898, 0.3226

Triad

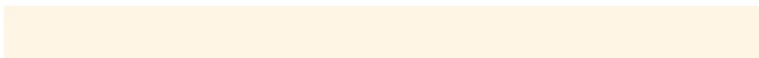
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.1101, 0.2962, 0.3340



94.1101, 0.3055, 0.3089



94.1101, 0.3366, 0.3443

Complementary

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



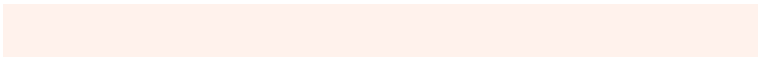
94.1101, 0.2962, 0.3340



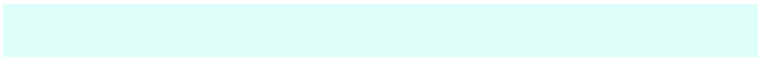
79.6735, 0.3321, 0.3241

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.



94.1101, 0.3362, 0.3347



94.1101, 0.2962, 0.3340



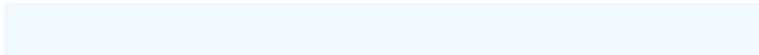
94.1101, 0.3181, 0.3145

Square

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



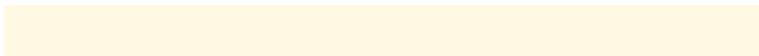
94.1101, 0.2962, 0.3340



94.1101, 0.2951, 0.3084



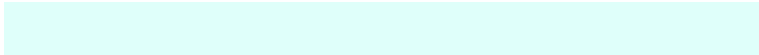
94.1101, 0.3294, 0.3239



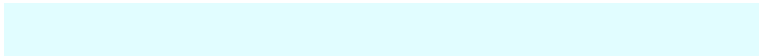
94.1101, 0.3305, 0.3500

Rectangle

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



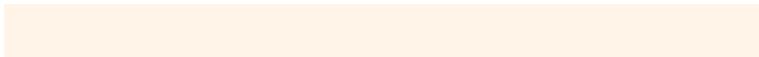
94.1101, 0.2962, 0.3340



94.1101, 0.2888, 0.3160



94.1101, 0.3294, 0.3239



94.1101, 0.3373, 0.3414

Sweetspot

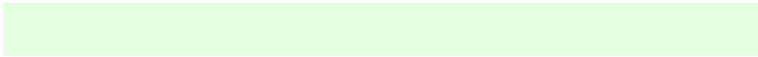
The Sweet Spot groups the original color and five complimentary colors.



94.1140, 0.2962, 0.3340



98.0140, 0.3074, 0.3305



93.4028, 0.3145, 0.3617



20.9015, 0.3064, 0.3308



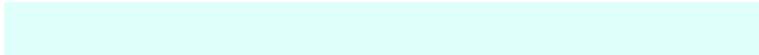
0.0000, 0.0000, 0.0000



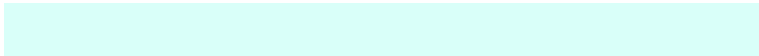
21.4041, 0.3127, 0.3290

Same Dimension

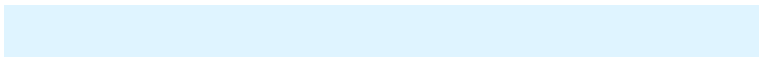
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1140, 0.2962, 0.3340



93.0733, 0.2930, 0.3351



87.8293, 0.2932, 0.3181



20.4297, 0.3001, 0.3327



39.9538, 0.2387, 0.3793



3.9027, 0.2369, 0.3729

Inverse Universe

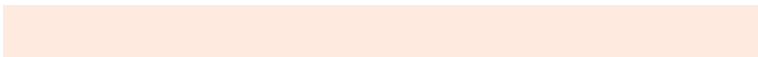
The Inverse Universe completely reimagines the original color for something new.



79.6735, 0.3321, 0.3241



76.0709, 0.3366, 0.3230



85.2684, 0.3342, 0.3396



18.0335, 0.3270, 0.3253



11.2024, 0.6184, 0.3180



1.1035, 0.5910, 0.3029

Previews

White Background



This preview shows how the Yxy color 94.1101, 0.2962, 0.3340 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 94.1101, 0.2962, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

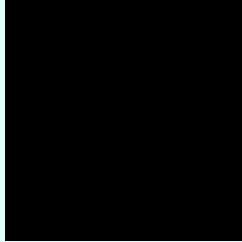
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

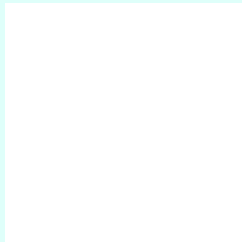
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1101, 0.2962, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 94.1101, 0.2962, 0.3340.



This preview shows how white text looks on a background with the Yxy color 94.1101, 0.2962, 0.3340.

Color Blindness Simulation

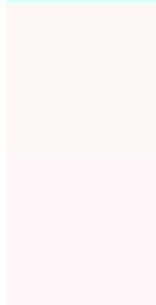
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.1101, 0.2962, 0.3340



Protanopia

93.9967, 0.3178, 0.3310

Deuteranopia

94.0737, 0.3161, 0.3252

Tritanopia

93.8486, 0.3049, 0.3231

Trichromacy



Original Color

94.1101, 0.2962, 0.3340

Protanomaly

93.9639, 0.3094, 0.3319

Deuteranomaly

93.7082, 0.3084, 0.3280

Tritanomaly

93.7484, 0.3017, 0.3270

Monochromacy



Original Color

94.1101, 0.2962, 0.3340

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.4713, 0.3063, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1101, 0.2962, 0.3340 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(223, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 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(223, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 94.1101, 0.2962, 0.3340 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(223, 255, 250) }
```

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

```
.border{ border-color:rgb(223, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1101, 0.2962, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 250) }
```

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

```
.background{ background-color: rgb(223,  
255, 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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