

Converting Colors

$Yxy(94.2091, 0.3042, 0.3440)$

Have a look what the booklet for
Yxy(94.2091, 0.3042, 0.3440)
contains.

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Color

Yxy(94.1422, 0.3040, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFF0
RGB	227, 255, 240
RGB Percent	89%, 100%, 94%
CMY	0.1101, 0.0000, 0.0588
CMYK	0.11, 0.00, 0.06, 0.00
HSL	148°, 100%, 94%
HSV	148°, 11%, 100%
XYZ	83.1471, 94.1422, 96.2209
YIQ	244.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

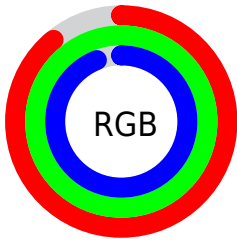
Format	Color
R _{YB}	227, 246, 255
Decimal	14942192
CIE _{Lab}	97.69, -11.84, 4.09
CIE _{LCh}	98, 12.530, 160.947
Y _{xy}	94.1422, 0.3040, 0.3442
Android (android.graphics.Color)	4293132272 (0xFFE3FFF0)
YUV	244.9180, -2.4246, -15.7141
Hunter-Lab	97.0269, -16.8317, 9.1214

Details

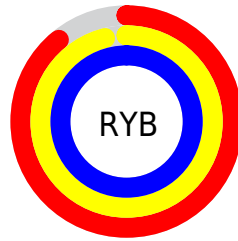
The Yxy color **94.1422, 0.3040, 0.3442** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.5619, 0.3225, 0.3143**, and the grayscale version is **91.2472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5068, 0.3018, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **89.5071, 0.2963, 0.3597**, and if you desaturate by 10%, it is **99.4259, 0.3119, 0.3303**.

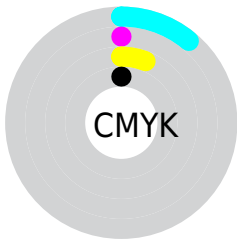
Distribution



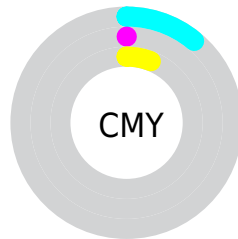
- Red (89%)
- Green (100%)
- Blue (94%)



- Red (89%)
- Yellow (96%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1422, 0.3040, 0.3442 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 94.1422, 0.3040, 0.3442 by changing the saturation by 10% instead.

 94.1422, 0.3040,
0.3442

 94.1422, 0.3040,
0.3442


541.4152, 0.3079,
0.3374

 71.4212, 0.3031,
0.3457


153.0790, 0.3053,
0.3419

 52.6860, 0.3021,
0.3475


190.0636, 0.3058,
0.3410

 37.5522, 0.3008,
0.3498


232.5715, 0.3063,
0.3402

 25.6353, 0.2991,
0.3527

280.9872, 0.3067,
0.3395

 16.5510, 0.2969,
0.3566

335.6950, 0.3070,
0.3389

 9.9149, 0.2939,
0.3620

397.0794, 0.3074,

 5.3426, 0.2894,

0.3383

0.3699

465.5246, 0.3076,
0.3378

■ 2.4496, 0.2820,
0.3830

■ 0.8512, 0.2584,
0.4231

■ 94.1422, 0.3040,
0.3442

■ 94.1422, 0.3040,
0.3442

■ 89.5071, 0.2963,
0.3597

■ 99.4259, 0.3119,
0.3303

■ 85.5318, 0.2891,
0.3768

■ 100.0000, 0.3127,
0.3290

■ 82.1727, 0.2827,
0.3955

■ 79.3972, 0.2774,
0.4155

■ 77.1694, 0.2736,
0.4363

■ 75.4491, 0.2715,
0.4576

■ 74.1906, 0.2715,
0.4787

■ 73.3391, 0.2734,
0.4988

■ 72.8452, 0.2766,
0.5156

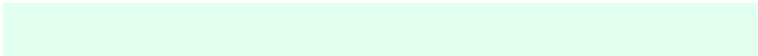
Harmonies

Analogous

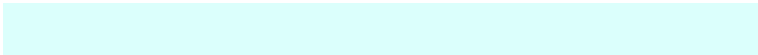
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1422, 0.3179, 0.3519



94.1422, 0.3040, 0.3442



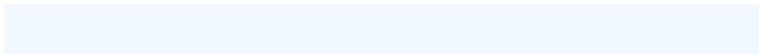
94.1422, 0.2926, 0.3323

Triad

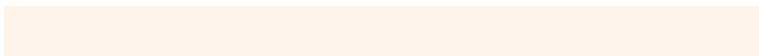
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.1422, 0.3040, 0.3442



94.1422, 0.2948, 0.3057



94.1422, 0.3396, 0.3374

Complementary

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



94.1422, 0.3040, 0.3442



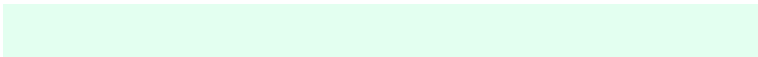
82.5619, 0.3225, 0.3143

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.



94.1422, 0.3331, 0.3254



94.1422, 0.3040, 0.3442



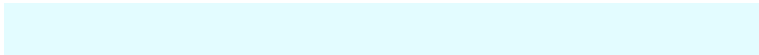
94.1422, 0.3071, 0.3074

Square

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



94.1422, 0.3040, 0.3442



94.1422, 0.2874, 0.3101



94.1422, 0.3211, 0.3145



94.1422, 0.3386, 0.3475

Rectangle

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



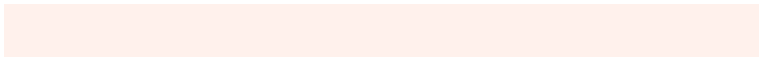
94.1422, 0.3040, 0.3442



94.1422, 0.2879, 0.3237



94.1422, 0.3211, 0.3145



94.1422, 0.3382, 0.3334

Sweetspot

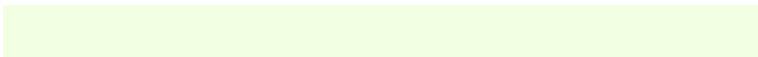
The Sweet Spot groups the original color and five complimentary colors.



94.1291, 0.3040, 0.3442



98.3173, 0.3103, 0.3329



96.0036, 0.3211, 0.3569



20.9500, 0.3097, 0.3340



0.0000, 0.0000, 0.0000



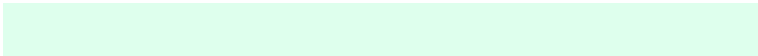
21.4041, 0.3127, 0.3290

Same Dimension

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



94.1291, 0.3040, 0.3442



93.1569, 0.3024, 0.3471



94.9681, 0.2965, 0.3304



20.3089, 0.3052, 0.3420



38.0927, 0.2757, 0.5126



3.7308, 0.2697, 0.4909

Inverse Universe

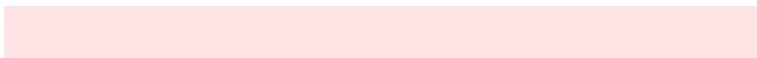
The Inverse Universe completely reimagines the original color for something new.



82.5619, 0.3225, 0.3143



79.6884, 0.3244, 0.3115



81.7750, 0.3315, 0.3277



18.1494, 0.3210, 0.3164



12.0723, 0.4818, 0.2428



1.1975, 0.4584, 0.2299

Previews

White Background



This preview shows how the Yxy color 94.1422, 0.3040, 0.3442 looks on a white background.

Color Contrast Check

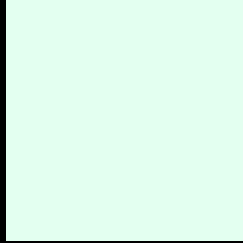
Large Text (above 18pt) WCAG AA × Fail

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 94.1422, 0.3040, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

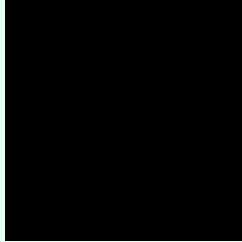
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

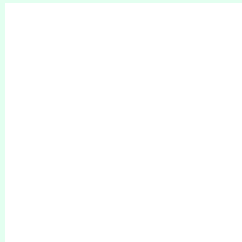
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1422, 0.3040, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 94.1422, 0.3040, 0.3442.

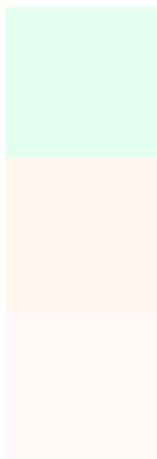


This preview shows how white text looks on a background with the Yxy color 94.1422, 0.3040, 0.3442.

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

94.1422, 0.3040, 0.3442

Protanopia

93.8377, 0.3245, 0.3397

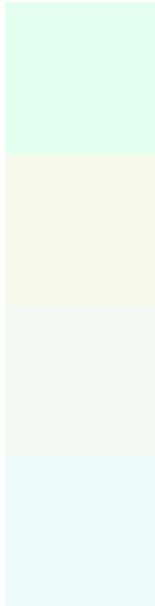
Deuteranopia

93.8869, 0.3179, 0.3281

Tritanopia

94.0260, 0.3055, 0.3231

Trichromacy



Original Color

94.1422, 0.3040, 0.3442

Protanomaly

93.8981, 0.3172, 0.3418

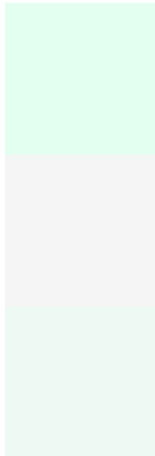
Deuteranomaly

93.6955, 0.3131, 0.3339

Tritanomaly

93.9010, 0.3046, 0.3300

Monochromacy



Original Color

94.1422, 0.3040, 0.3442

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.3996, 0.3093, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1422, 0.3040, 0.3442 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(227, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 240)  
}
```

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(227, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 240) }
```

Border

The CSS property to change the border of an element to Yxy 94.1422, 0.3040, 0.3442 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(227, 255, 240) }
```

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

```
.border{ border-color:rgb(227, 255, 240) }
```

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

Here you see how a box with a 4 pixel rgb(227, 255, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1422, 0.3040, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 240) }
```

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

```
.background{ background-color: rgb(227,  
255, 240) }
```

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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