

Converting Colors

$Y_{xy}(100.0000, 0.3035, 0.3521)$

Have a look what the booklet for
Yxy(100.0000, 0.3035, 0.3521)
contains.

Yxy(94.2018, 0.3035, 0.3431)	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(94.2018, 0.3035, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFF1
RGB	227, 255, 241
RGB Percent	89%, 100%, 95%
CMY	0.1096, 0.0000, 0.0548
CMYK	0.11, 0.00, 0.05, 0.00
HSL	150°, 100%, 95%
HSV	150°, 11%, 100%
XYZ	83.3292, 94.2018, 97.0298
YIQ	245.0320, -12.1940, -10.2900

Conversions

Conversions Part 2

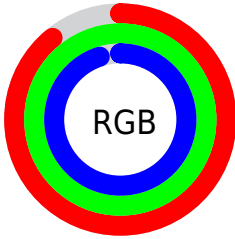
Format	Color
R _Y B	227, 246, 255
Decimal	14942193
CIE Lab	97.71, -11.60, 3.60
CIE LCh	98, 12.143, 162.777
Yxy	94.2018, 0.3035, 0.3431
Android (android.graphics.Color)	4293132273 (0xFFE3FFF1)
YUV	245.0320, -1.9878, -15.8141
Hunter-Lab	97.0576, -16.5989, 8.6673

Details

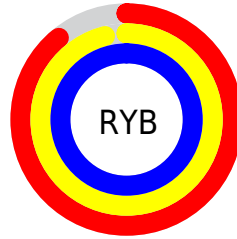
The Yxy color **94.2018, 0.3035, 0.3431** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.5735, 0.3230, 0.3153**, and the grayscale version is **91.3709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5489, 0.3011, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **89.6256, 0.2954, 0.3576**, and if you desaturate by 10%, it is **99.4533, 0.3119, 0.3302**.

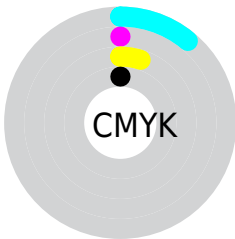
Distribution



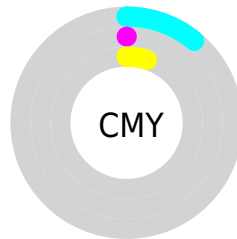
- Red (89%)
- Green (100%)
- Blue (95%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.2018, 0.3035, 0.3431 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 94.2018, 0.3035, 0.3431 by changing the saturation by 10% instead.

 94.2018, 0.3035,
0.3431

 94.2018, 0.3035,
0.3431

541.6065, 0.3076,
0.3368

 71.4708, 0.3026,
0.3445

153.1614, 0.3049,
0.3410

 52.7265, 0.3015,
0.3462

190.1588, 0.3054,
0.3401

 37.5845, 0.3001,
0.3483


232.6805, 0.3059,
0.3394

 25.6604, 0.2984,
0.3510

281.1108, 0.3063,
0.3387

 16.5697, 0.2961,
0.3546

335.8341, 0.3067,
0.3382

 9.9282, 0.2929,
0.3595

397.2349, 0.3070,

 5.3514, 0.2882,

0.3377

0.3669

465.6976, 0.3073,
0.3372

■ 2.4549, 0.2806,
0.3788

■ 0.8539, 0.2564,
0.4144

■ 94.2018, 0.3035,
0.3431

■ 94.2018, 0.3035,
0.3431

■ 89.6256, 0.2954,
0.3576


■ 99.4533, 0.3119,
0.3302


■ 85.6848, 0.2877,
0.3735


■ 99.9949, 0.3127,
0.3290


■ 82.3534, 0.2809,
0.3909


■ 79.5988, 0.2753,
0.4094

 77.3856, 0.2712,
0.4289

 75.6739, 0.2689,
0.4488

 74.4182, 0.2686,
0.4686

 73.5643, 0.2703,
0.4877

 73.0621, 0.2733,
0.5040

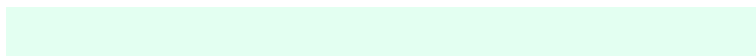
Harmonies

Analogous

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



94.2018, 0.3169, 0.3508



94.2018, 0.3035, 0.3431



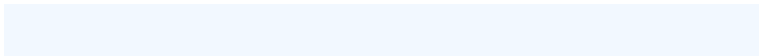
94.2018, 0.2927, 0.3314

Triad

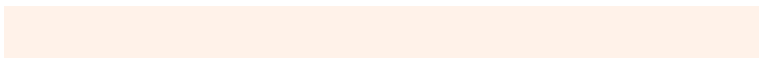
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.2018, 0.3035, 0.3431



94.2018, 0.2960, 0.3063



94.2018, 0.3389, 0.3378

Complementary

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



94.2018, 0.3035, 0.3431



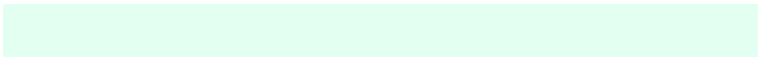
82.5735, 0.3230, 0.3153

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.



94.2018, 0.3330, 0.3262



94.2018, 0.3035, 0.3431



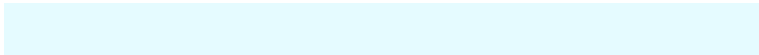
94.2018, 0.3081, 0.3083

Square

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



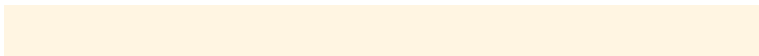
94.2018, 0.3035, 0.3431



94.2018, 0.2884, 0.3102



94.2018, 0.3217, 0.3155



94.2018, 0.3375, 0.3474

Rectangle

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



94.2018, 0.3035, 0.3431



94.2018, 0.2884, 0.3232



94.2018, 0.3217, 0.3155



94.2018, 0.3377, 0.3340

Sweetspot

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



94.2058, 0.3035, 0.3431



98.3341, 0.3102, 0.3327



95.7676, 0.3202, 0.3569



20.9545, 0.3095, 0.3337



0.0000, 0.0000, 0.0000



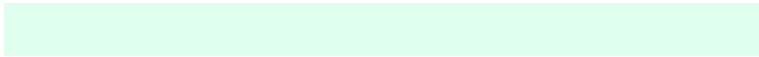
21.4041, 0.3127, 0.3290

Same Dimension

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



94.2058, 0.3035, 0.3431



93.2245, 0.3018, 0.3459



95.0728, 0.2958, 0.3290



20.3198, 0.3047, 0.3411



38.2094, 0.2725, 0.5010



3.7424, 0.2667, 0.4802

Inverse Universe

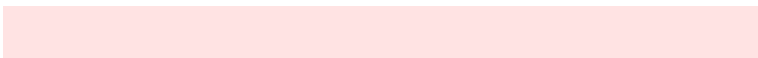
The Inverse Universe completely reimagines the original color for something new.



82.5735, 0.3230, 0.3153



79.6204, 0.3252, 0.3127



81.7706, 0.3324, 0.3291



18.1385, 0.3215, 0.3172



11.9454, 0.4966, 0.2509



1.1851, 0.4711, 0.2369

Previews

White Background



This preview shows how the Yxy color 94.2018, 0.3035, 0.3431 looks on a white background.

Color Contrast Check

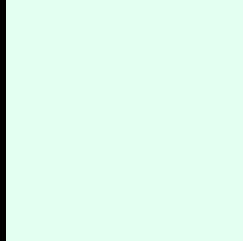
Large Text (above 18pt) WCAG AA × Fail

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 94.2018, 0.3035, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

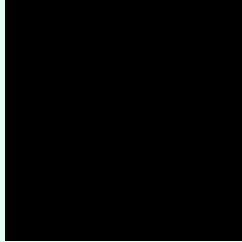
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

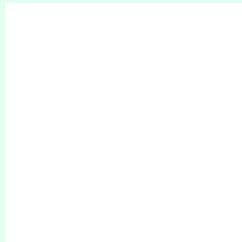
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.2018, 0.3035, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 94.2018, 0.3035, 0.3431.

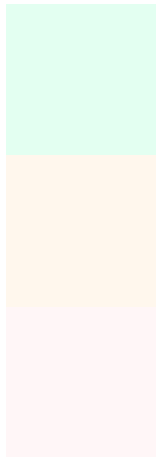


This preview shows how white text looks on a background with the Yxy color 94.2018, 0.3035, 0.3431.

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

94.2018, 0.3035, 0.3431

Protanopia

93.8960, 0.3239, 0.3387

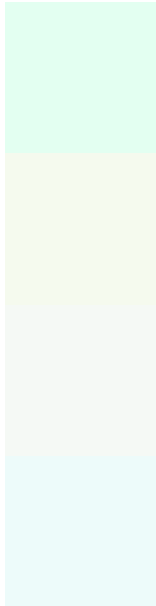
Deuteranopia

93.8869, 0.3179, 0.3281

Tritanopia

94.0260, 0.3055, 0.3231

Trichromacy



Original Color

94.2018, 0.3035, 0.3431

Protanomaly

93.9567, 0.3166, 0.3408

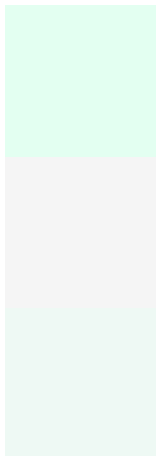
Deuteranomaly

93.7564, 0.3125, 0.3329

Tritanomaly

93.9010, 0.3046, 0.3300

Monochromacy



Original Color

94.2018, 0.3035, 0.3431

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.4602, 0.3087, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2018, 0.3035, 0.3431 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 241) }
```

Border

The CSS property to change the border of an element to Yxy 94.2018, 0.3035, 0.3431 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, 241) }
```

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

```
.border{ border-color:rgb(227, 255, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2018, 0.3035, 0.3431 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, 241) }
```

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

```
.background{ background-color: rgb(227,  
255, 241) }
```

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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