

Converting Colors

$Y_{xy}(94.7613, 0.2917, 0.3120)$

Have a look what the booklet for
Yxy(94.7613, 0.2917, 0.3120)
contains.

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Color

Yxy(94.1644, 0.2993, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	E9FCFF
RGB	233, 252, 255
RGB Percent	91%, 99%, 100%
CMY	0.0865, 0.0117, 0.0000
CMYK	0.09, 0.01, 0.00, 0.00
HSL	188°, 100%, 96%
HSV	188°, 9%, 100%
XYZ	86.4522, 94.1644, 108.2313
YIQ	246.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

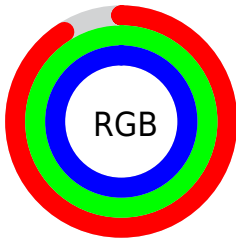
Format	Color
R _Y B	233, 243, 255
Decimal	15334655
CIE Lab	97.70, -5.63, -3.57
CIE LCh	98, 6.664, 212.378
Yxy	94.1644, 0.2993, 0.3260
Android (android.graphics.Color)	4293524735 (0xFFE9FCFF)
YUV	246.6610, 4.1111, -11.9807
Hunter-Lab	97.0383, -10.7902, 1.7980

Details

The Yxy color 94.1644, 0.2993, 0.3260 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.0897, 0.3275, 0.3320, and the grayscale version is 92.6914, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.4545, 0.2965, 0.3252 is the 20% darker color. If you saturate the color by 10%, you get 88.0377, 0.2842, 0.3222, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

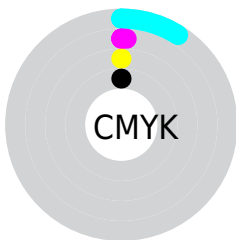
Distribution



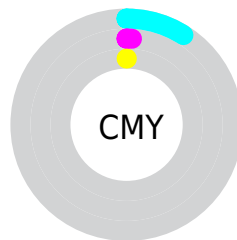
- Red (91%)
- Green (99%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (9%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.1644, 0.2993, 0.3260 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 94.1644, 0.2993, 0.3260 by changing the saturation by 10% instead.


 94.1644, 0.2993,
0.3260

 94.1644, 0.2993,
0.3260


541.4864, 0.3052,
0.3274

 71.4397, 0.2980,
0.3257

153.1097, 0.3013,
0.3265

 52.7011, 0.2965,
0.3253


190.0991, 0.3021,
0.3267

 37.5642, 0.2945,
0.3249


232.6121, 0.3028,
0.3268

 25.6446, 0.2921,
0.3243

281.0332, 0.3034,
0.3270

 16.5580, 0.2889,
0.3234

335.7469, 0.3039,
0.3271

 9.9198, 0.2845,
0.3223

397.1373, 0.3044,

 5.3458, 0.2782,

0.3272

0.3206

465.5890, 0.3048,
0.3273

■ 2.4516, 0.2683,
0.3178

■ 0.8522, 0.2474,
0.3135

■ 94.1644, 0.2993,
0.3260

■ 94.1644, 0.2993,
0.3260

■ 88.0377, 0.2842,
0.3222

100.0000, 0.3127,
0.3290

■ 82.5402, 0.2699,
0.3182

■ 77.6467, 0.2567,
0.3139

■ 73.3264, 0.2448,
0.3093

■ 69.5454, 0.2346,
0.3046

■ 66.2660, 0.2263,
0.2998

■ 63.4455, 0.2199,
0.2949

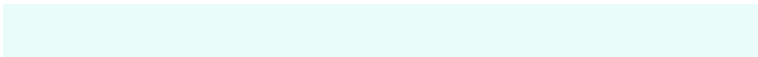
■ 61.0329, 0.2155,
0.2901

■ 58.9560, 0.2128,
0.2854

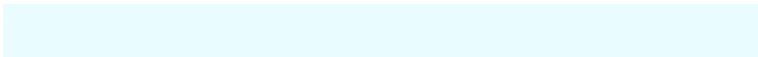
Harmonies

Analogous

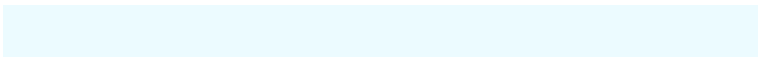
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1644, 0.3035, 0.3327



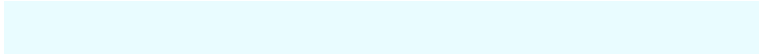
94.1644, 0.2993, 0.3260



94.1644, 0.2986, 0.3202

Triad

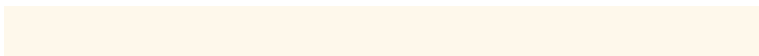
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.1644, 0.2993, 0.3260



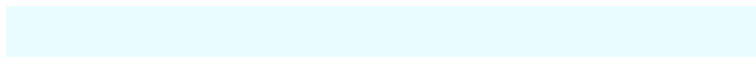
94.1644, 0.3151, 0.3199



94.1644, 0.3238, 0.3412

Complementary

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



94.1644, 0.2993, 0.3260



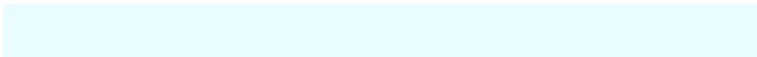
87.0897, 0.3275, 0.3320

Split Complementary

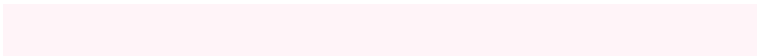
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1644, 0.3270, 0.3376



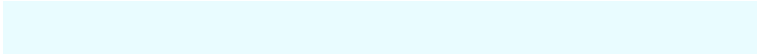
94.1644, 0.2993, 0.3260



94.1644, 0.3220, 0.3253

Square

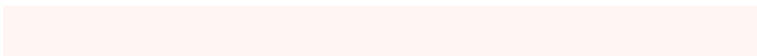
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



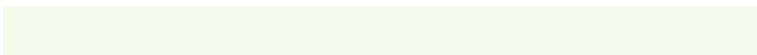
94.1644, 0.2993, 0.3260



94.1644, 0.3077, 0.3168



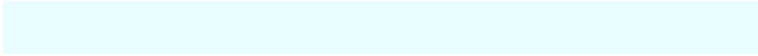
94.1644, 0.3263, 0.3318



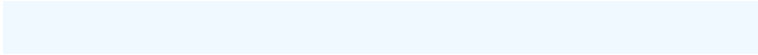
94.1644, 0.3176, 0.3416

Rectangle

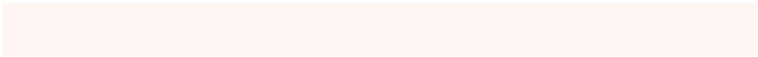
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



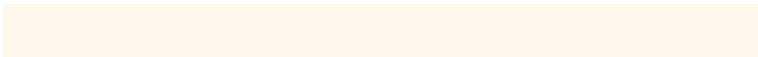
94.1644, 0.2993, 0.3260



94.1644, 0.3003, 0.3177



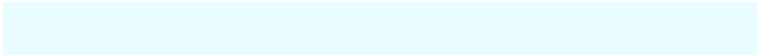
94.1644, 0.3263, 0.3318



94.1644, 0.3253, 0.3404

Sweetspot

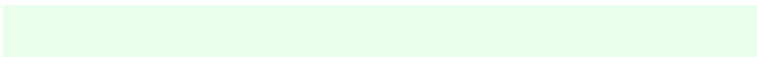
The Sweet Spot groups the original color and five complimentary colors.



94.1679, 0.2993, 0.3260



97.9199, 0.3080, 0.3280



94.8845, 0.3100, 0.3482



20.8421, 0.3068, 0.3277



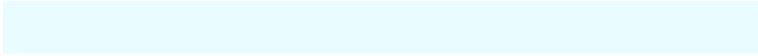
0.0000, 0.0000, 0.0000



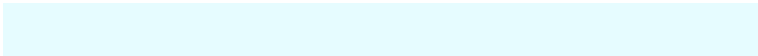
21.4041, 0.3127, 0.3290

Same Dimension

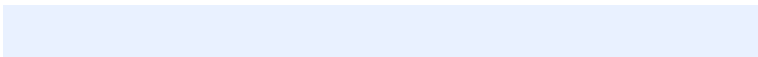
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1679, 0.2993, 0.3260



93.3011, 0.2972, 0.3255



87.4653, 0.2993, 0.3150



20.0380, 0.2980, 0.3257



30.8280, 0.2127, 0.2855



3.1124, 0.2142, 0.2910

Inverse Universe

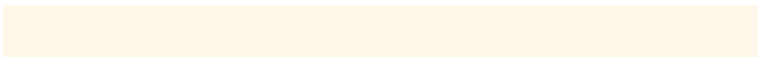
The Inverse Universe completely reimagines the original color for something new.



86.5377, 0.3156, 0.3106



84.5757, 0.3161, 0.3076



93.6092, 0.3264, 0.3426



18.2556, 0.3159, 0.3087



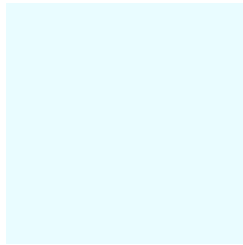
13.8401, 0.3584, 0.1748



1.3587, 0.3535, 0.1721

Previews

White Background



This preview shows how the Yxy color 94.1644, 0.2993, 0.3260 looks on a white background.

Color Contrast Check

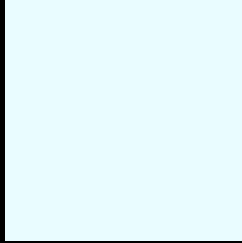
Large Text (above 18pt) WCAG AA × Fail

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 94.1644, 0.2993, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

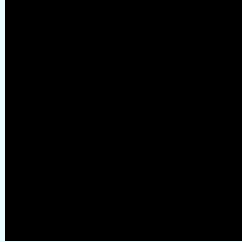
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

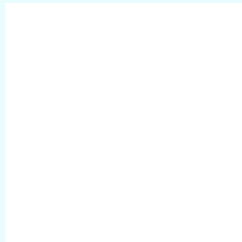
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1644, 0.2993, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 94.1644, 0.2993, 0.3260.

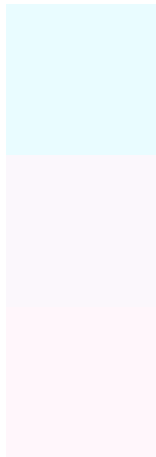


This preview shows how white text looks on a background with the Yxy color 94.1644, 0.2993, 0.3260.

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

94.1644, 0.2993, 0.3260

Protanopia

94.0590, 0.3123, 0.3242

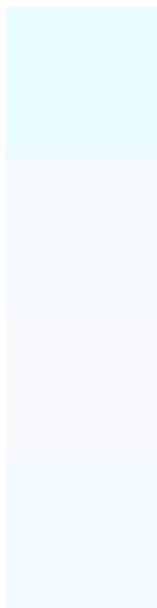
Deuteranopia

94.1366, 0.3155, 0.3242

Tritanopia

94.2045, 0.3061, 0.3231

Trichromacy



Original Color

94.1644, 0.2993, 0.3260

Protanomaly

94.0763, 0.3072, 0.3251

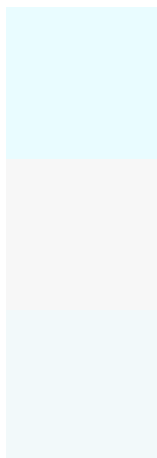
Deuteranomaly

93.9372, 0.3097, 0.3251

Tritanomaly

94.1165, 0.3036, 0.3241

Monochromacy



Original Color

94.1644, 0.2993, 0.3260

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.5307, 0.3077, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1644, 0.2993, 0.3260 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(233, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 252, 255)  
}
```

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(233, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 252, 255) }
```

Border

The CSS property to change the border of an element to Yxy 94.1644, 0.2993, 0.3260 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(233, 252, 255) }
```

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

```
.border{ border-color:rgb(233, 252, 255) }
```

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

Here you see how a box with a 4 pixel rgb(233, 252, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 252,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1644, 0.2993, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 252, 255) }
```

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

```
.background{ background-color: rgb(233,  
252, 255) }
```

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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