

Converting Colors

$Yxy(93.9416, 0.2946, 0.3277)$

Have a look what the booklet for
Yxy(93.9416, 0.2946, 0.3277)
contains.

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Color

Yxy(94.1112, 0.2946, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E1FEFF
RGB	225, 254, 255
RGB Percent	88%, 100%, 100%
CMY	0.1175, 0.0039, 0.0000
CMYK	0.12, 0.00, 0.00, 0.00
HSL	182°, 100%, 94%
HSV	182°, 12%, 100%
XYZ	84.5537, 94.1112, 108.3470
YIQ	245.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

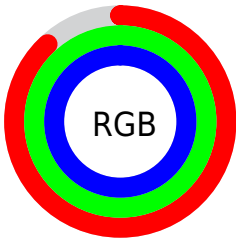
Format	Color
R _Y B	225, 240, 255
Decimal	14810879
CIE _{Lab}	97.68, -9.11, -3.68
CIE _{LCh}	98, 9.822, 201.983
Y _{xy}	94.1112, 0.2946, 0.3279
Android (android.graphics.Color)	4293000959 (0xFFE1FEFF)
Y _{UV}	245.4430, 4.7116, -17.9285
Hunter-Lab	97.0109, -14.1904, 1.6894

Details

The Yxy color **94.1112, 0.2946, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.1081, 0.3339, 0.3301**, and the grayscale version is **91.6619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4447, 0.2906, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **89.7738, 0.2801, 0.3270**, and if you desaturate by 10%, it is **99.0660, 0.3100, 0.3288**.

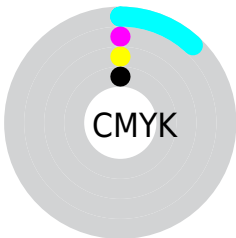
Distribution



- Red (88%)
- Green (100%)
- Blue (100%)



- Red (88%)
- Yellow (94%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1112, 0.2946, 0.3279 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 94.1112, 0.2946, 0.3279 by changing the saturation by 10% instead.

 94.1112, 0.2946,
0.3279

 94.1112, 0.2946,
0.3279


541.3157, 0.3026,
0.3285

 71.3954, 0.2929,
0.3278

153.0361, 0.2973,
0.3281

 52.6650, 0.2908,
0.3276


190.0141, 0.2984,
0.3282

 37.5354, 0.2882,
0.3274


232.5149, 0.2993,
0.3282

 25.6223, 0.2849,
0.3271


280.9230, 0.3001,
0.3283

 16.5413, 0.2806,
0.3267

335.6227, 0.3008,
0.3283

 9.9080, 0.2748,
0.3261

396.9984, 0.3015,

 5.3380, 0.2663,

0.3284

465.4346, 0.3020,
0.3284

0.3252

2.4469, 0.2531,
0.3235

0.8499, 0.2222,
0.3226

94.1112, 0.2946,
0.3279

94.1112, 0.2946,
0.3279

89.7738, 0.2801,
0.3270

99.0660, 0.3100,
0.3288

86.0224, 0.2668,
0.3259

100.0000, 0.3127,
0.3290

82.8293, 0.2549,
0.3248

80.1630, 0.2447,
0.3237

■ 77.9889, 0.2363,
0.3226

■ 76.2680, 0.2299,
0.3214

■ 74.9556, 0.2255,
0.3203

■ 73.9977, 0.2229,
0.3192

■ 73.4073, 0.2218,
0.3183

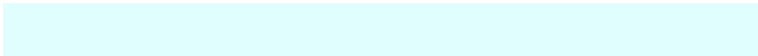
Harmonies

Analogous

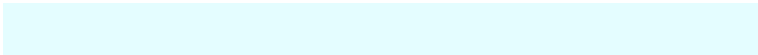
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1112, 0.3022, 0.3377



94.1112, 0.2946, 0.3279



94.1112, 0.2917, 0.3186

Triad

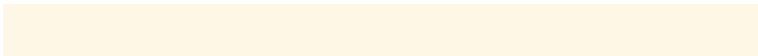
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.1112, 0.2946, 0.3279



94.1112, 0.3124, 0.3136



94.1112, 0.3313, 0.3456

Complementary

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



94.1112, 0.2946, 0.3279



81.1081, 0.3339, 0.3301

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.



94.1112, 0.3342, 0.3389



94.1112, 0.2946, 0.3279



94.1112, 0.3231, 0.3205

Square

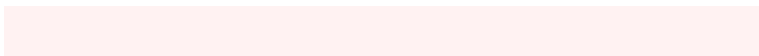
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



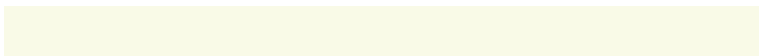
94.1112, 0.2946, 0.3279



94.1112, 0.3019, 0.3106



94.1112, 0.3312, 0.3297



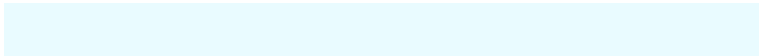
94.1112, 0.3234, 0.3480

Rectangle

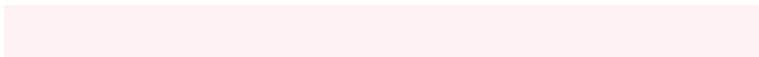
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.1112, 0.2946, 0.3279



94.1112, 0.2929, 0.3140



94.1112, 0.3312, 0.3297



94.1112, 0.3329, 0.3438

Sweetspot

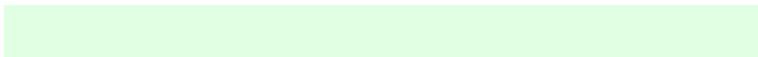
The Sweet Spot groups the original color and five complimentary colors.



94.1127, 0.2946, 0.3279



97.8986, 0.3065, 0.3287



93.0245, 0.3107, 0.3588



20.8722, 0.3053, 0.3286



0.0000, 0.0000, 0.0000



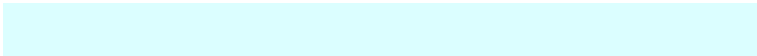
21.4041, 0.3127, 0.3290

Same Dimension

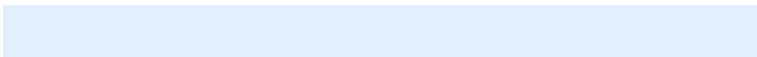
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1127, 0.2946, 0.3279



93.0855, 0.2913, 0.3277



84.9737, 0.2943, 0.3127



20.3708, 0.2980, 0.3282



38.4034, 0.2218, 0.3185



3.7707, 0.2222, 0.3197

Inverse Universe

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



82.2809, 0.3147, 0.3009



79.2229, 0.3151, 0.2954



89.6160, 0.3320, 0.3448



18.2892, 0.3143, 0.3064



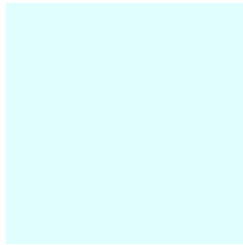
14.6048, 0.3295, 0.1589



1.4252, 0.3284, 0.1583

Previews

White Background



This preview shows how the Yxy color 94.1112, 0.2946, 0.3279 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 94.1112, 0.2946, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

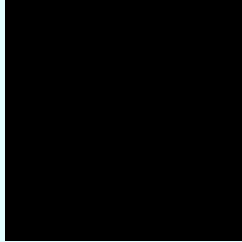
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

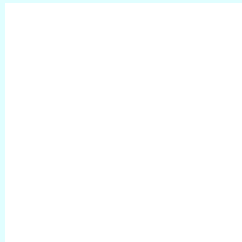
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1112, 0.2946, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 94.1112, 0.2946, 0.3279.



This preview shows how white text looks on a background with the Yxy color 94.1112, 0.2946, 0.3279.

Color Blindness Simulation

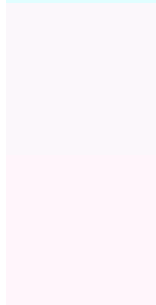
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.1112, 0.2946, 0.3279



Protanopia

93.9958, 0.3129, 0.3251

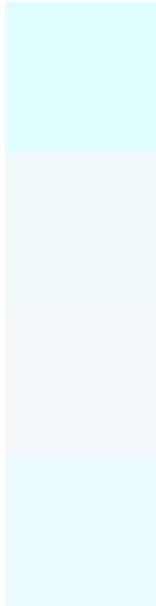
Deuteranopia

93.5299, 0.3156, 0.3232

Tritanopia

93.8486, 0.3049, 0.3231

Trichromacy



Original Color

94.1112, 0.2946, 0.3279

Protanomaly

94.2767, 0.3066, 0.3270

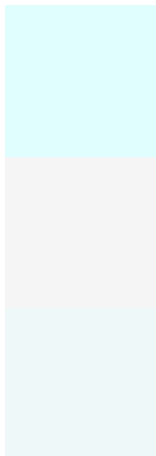
Deuteranomaly

93.3962, 0.3078, 0.3251

Tritanomaly

94.0472, 0.3012, 0.3250

Monochromacy



Original Color

94.1112, 0.2946, 0.3279

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.1515, 0.3058, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1112, 0.2946, 0.3279 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(225, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 254, 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(225, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 254, 255) }
```

Border

The CSS property to change the border of an element to Yxy 94.1112, 0.2946, 0.3279 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(225, 254, 255) }
```

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

```
.border{ border-color:rgb(225, 254, 255) }
```

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

Here you see how a box with a 4 pixel rgb(225, 254, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 254,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1112, 0.2946, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 254, 255) }
```

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

```
.background{ background-color: rgb(225,  
254, 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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