

Converting Colors

$Yxy(98.5753, 0.2699, 0.2796)$

Have a look what the booklet for
Yxy(98.5753, 0.2699, 0.2796)
contains.

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Color

Yxy(94.5976, 0.2964, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E4FEFF
RGB	228, 254, 255
RGB Percent	89%, 100%, 100%
CMY	0.1058, 0.0039, 0.0002
CMYK	0.11, 0.00, 0.00, 0.00
HSL	182°, 100%, 95%
HSV	182°, 11%, 100%
XYZ	85.4839, 94.5976, 108.3258
YIQ	246.3400, -15.8170, -5.2010

Conversions

Conversions Part 2

Format	Color
R _Y B	228, 241, 255
Decimal	15007487
CIE Lab	97.87, -8.19, -3.33
CIE LCh	98, 8.844, 202.097
Yxy	94.5976, 0.2964, 0.3280
Android (android.graphics.Color)	4293197567 (0xFFE4FEFF)
YUV	246.3400, 4.2694, -16.0842
Hunter-Lab	97.2613, -13.3218, 2.0481

Details

The Yxy color **94.5976, 0.2964, 0.3280** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.8744, 0.3315, 0.3300**, and the grayscale version is **92.4252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.7804, 0.2929, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **90.1635, 0.2818, 0.3270**, and if you desaturate by 10%, it is **99.6573, 0.3118, 0.3290**.

Distribution



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



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.5976, 0.2964, 0.3280 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 94.5976, 0.2964, 0.3280 by changing the saturation by 10% instead.

 94.5976, 0.2964,
0.3280

 94.5976, 0.2964,
0.3280


542.8759, 0.3036,
0.3285

 71.8001, 0.2948,
0.3279


153.7086, 0.2988,
0.3282

 52.9954, 0.2930,
0.3277

190.7908, 0.2998,
0.3282

 37.7991, 0.2906,
0.3275


233.4034, 0.3006,
0.3283

 25.8268, 0.2877,
0.3273

281.9308, 0.3014,
0.3284

 16.6941, 0.2838,
0.3269

336.7574, 0.3020,
0.3284

 10.0166, 0.2786,
0.3264

398.2675, 0.3026,

 5.4100, 0.2710,

0.3284

0.3256

466.8455, 0.3031,
0.3285

■ 2.4898, 0.2591,
0.3242

■ 0.8715, 0.2329,
0.3230

■ 94.5976, 0.2964,
0.3280

■ 94.5976, 0.2964,
0.3280

■ 90.1635, 0.2818,
0.3270

99.6573, 0.3118,
0.3290

■ 86.3161, 0.2683,
0.3259

99.9974, 0.3127,
0.3290

■ 83.0308, 0.2562,
0.3248

■ 80.2762, 0.2457,
0.3236

■ 78.0181, 0.2371,
0.3224

■ 76.2183, 0.2305,
0.3212

■ 74.8327, 0.2258,
0.3200

■ 73.8089, 0.2230,
0.3188

■ 73.0959, 0.2216,
0.3177

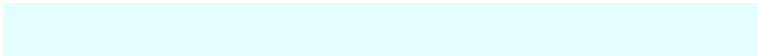
Harmonies

Analogous

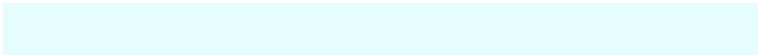
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5976, 0.3033, 0.3368



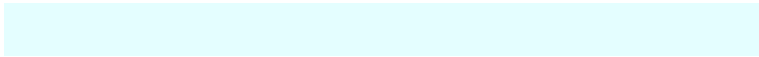
94.5976, 0.2964, 0.3280



94.5976, 0.2938, 0.3197

Triad

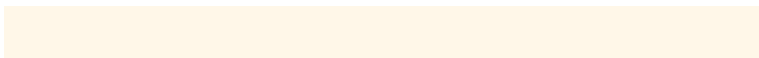
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.5976, 0.2964, 0.3280



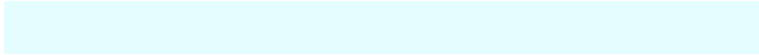
94.5976, 0.3125, 0.3151



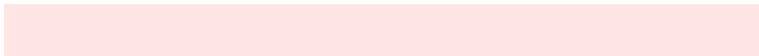
94.5976, 0.3294, 0.3440

Complementary

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



94.5976, 0.2964, 0.3280



82.8744, 0.3315, 0.3300

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.



94.5976, 0.3320, 0.3379



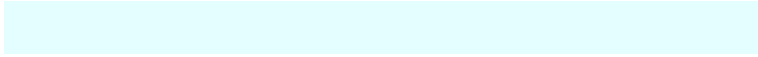
94.5976, 0.2964, 0.3280



94.5976, 0.3221, 0.3214

Square

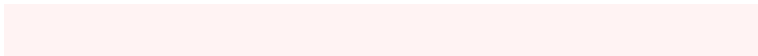
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



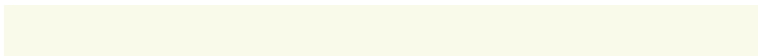
94.5976, 0.2964, 0.3280



94.5976, 0.3030, 0.3124



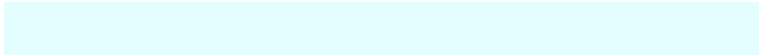
94.5976, 0.3293, 0.3297



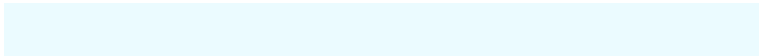
94.5976, 0.3223, 0.3461

Rectangle

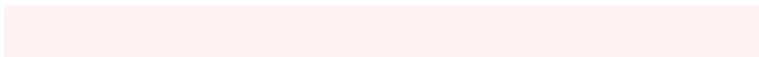
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.5976, 0.2964, 0.3280



94.5976, 0.2949, 0.3155



94.5976, 0.3293, 0.3297



94.5976, 0.3308, 0.3423

Sweetspot

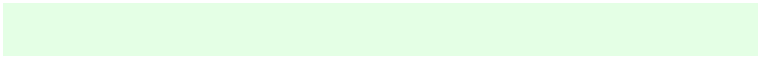
The Sweet Spot groups the original color and five complimentary colors.



94.6016, 0.2964, 0.3280



98.4054, 0.3080, 0.3287



93.6426, 0.3109, 0.3556



20.9737, 0.3068, 0.3287



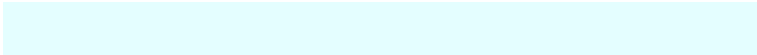
0.0000, 0.0000, 0.0000



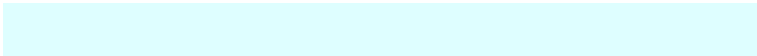
21.4041, 0.3127, 0.3290

Same Dimension

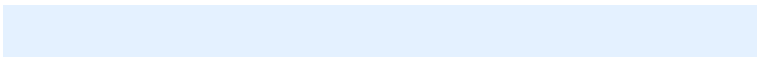
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6016, 0.2964, 0.3280



93.5004, 0.2928, 0.3278



86.3807, 0.2962, 0.3144



20.3648, 0.2980, 0.3281



38.2569, 0.2216, 0.3179



3.7580, 0.2220, 0.3192

Inverse Universe

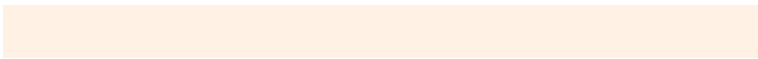
The Inverse Universe completely reimagines the original color for something new.



83.9027, 0.3145, 0.3038



80.5676, 0.3150, 0.2979



90.5880, 0.3299, 0.3432



18.2886, 0.3144, 0.3064



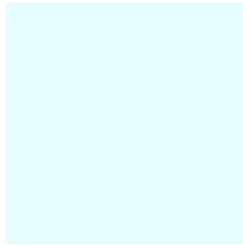
14.5900, 0.3300, 0.1591



1.4239, 0.3289, 0.1585

Previews

White Background



This preview shows how the Yxy color 94.5976, 0.2964, 0.3280 looks on a white background.

Color Contrast Check

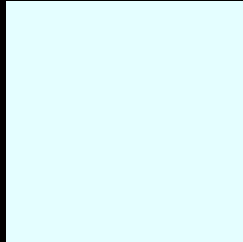
Large Text (above 18pt) WCAG AA × Fail

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 94.5976, 0.2964, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

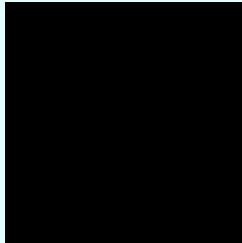
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.5976, 0.2964, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 94.5976, 0.2964, 0.3280.

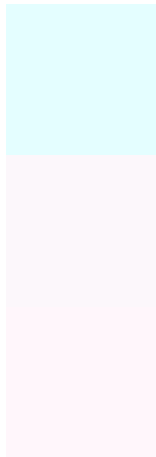


This preview shows how white text looks on a background with the Yxy color 94.5976, 0.2964, 0.3280.

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

94.5976, 0.2964, 0.3280

Protanopia

94.1820, 0.3135, 0.3251

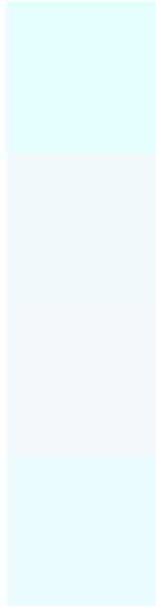
Deuteranopia

94.1366, 0.3155, 0.3242

Tritanopia

94.2045, 0.3061, 0.3231

Trichromacy



Original Color

94.5976, 0.2964, 0.3280

Protanomaly

94.4542, 0.3072, 0.3270

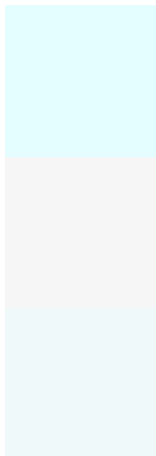
Deuteranomaly

94.1921, 0.3084, 0.3261

Tritanomaly

94.3915, 0.3024, 0.3250

Monochromacy



Original Color

94.5976, 0.2964, 0.3280

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.9416, 0.3064, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5976, 0.2964, 0.3280 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(228, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 254, 255) }
```

Border

The CSS property to change the border of an element to Yxy 94.5976, 0.2964, 0.3280 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(228, 254, 255) }
```

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

```
.border{ border-color:rgb(228, 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(228, 254, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 254,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5976, 0.2964, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 254, 255) }
```

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

```
.background{ background-color: rgb(228,  
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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