

Converting Colors

$Yxy(93.3932, 0.2883, 0.3177)$

Have a look what the booklet for
Yxy(93.3932, 0.2883, 0.3177)
contains.

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Color

Yxy(93.0002, 0.2928, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	DEFDFF
RGB	222, 253, 255
RGB Percent	87%, 99%, 100%
CMY	0.1295, 0.0078, 0.0000
CMYK	0.13, 0.01, 0.00, 0.00
HSL	184°, 100%, 94%
HSV	184°, 13%, 100%
XYZ	83.2990, 93.0002, 108.1920
YIQ	243.9590, -19.1180, -5.9500

Conversions

Conversions Part 2

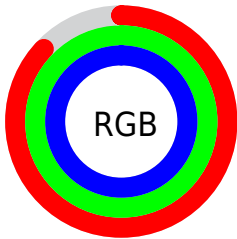
Format	Color
R _Y B	222, 238, 255
Decimal	14614015
CIE Lab	97.23, -9.56, -4.36
CIE LCh	97, 10.508, 204.489
Yxy	93.0002, 0.2928, 0.3269
Android (android.graphics.Color)	4292804095 (0xFFDEFDFF)
YUV	243.9590, 5.4432, -19.2580
Hunter-Lab	96.4366, -14.5811, 0.9883

Details

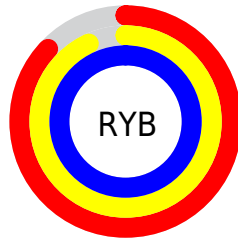
The Yxy color **93.0002, 0.2928, 0.3269** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.8322, 0.3362, 0.3311**, and the grayscale version is **90.3984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7726, 0.2891, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **88.3078, 0.2783, 0.3252**, and if you desaturate by 10%, it is **98.3132, 0.3081, 0.3286**.

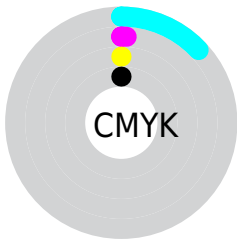
Distribution



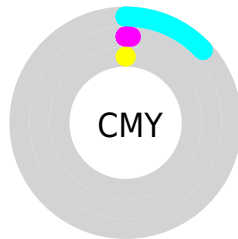
- Red (87%)
- Green (99%)
- Blue (100%)



- Red (87%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0002, 0.2928, 0.3269 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 93.0002, 0.2928, 0.3269 by changing the saturation by 10% instead.


 93.0002, 0.2928,
0.3269

 93.0002, 0.2928,
0.3269

537.7428, 0.3016,
0.3279

 70.4717, 0.2909,
0.3267


151.4989, 0.2958,
0.3273

 51.9112, 0.2886,
0.3264


188.2378, 0.2969,
0.3274

 36.9343, 0.2857,
0.3260


230.4824, 0.2980,
0.3275

 25.1566, 0.2821,
0.3255

278.6169, 0.2989,
0.3276

 16.1938, 0.2774,
0.3248

333.0258, 0.2997,
0.3277

 9.6614, 0.2709,
0.3238

394.0935, 0.3004,

 5.1750, 0.2616,

0.3278

0.3223

462.2044, 0.3010,
0.3278

■ 2.3503, 0.2469,
0.3196

■ 0.8001, 0.2093,
0.3177

■ 93.0002, 0.2928,
0.3269

■ 93.0002, 0.2928,
0.3269

■ 88.3078, 0.2783,
0.3252

■ 98.3132, 0.3081,
0.3286

■ 84.2030, 0.2650,
0.3233

100.0000, 0.3127,
0.3290

■ 80.6583, 0.2530,
0.3214

■ 77.6418, 0.2427,
0.3193

■ 75.1184, 0.2343,
0.3173

■ 73.0486, 0.2278,
0.3152

■ 71.3867, 0.2232,
0.3131

■ 70.0774, 0.2205,
0.3111

■ 69.3093, 0.2194,
0.3097

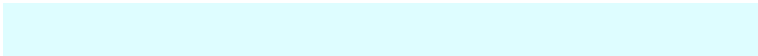
Harmonies

Analogous

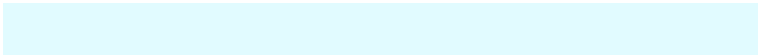
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0002, 0.3006, 0.3375



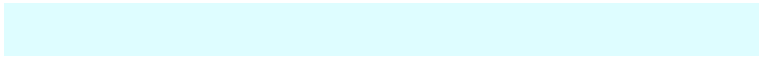
93.0002, 0.2928, 0.3269



93.0002, 0.2902, 0.3171

Triad

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



93.0002, 0.2928, 0.3269



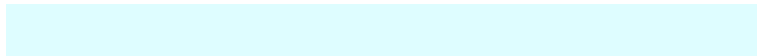
93.0002, 0.3134, 0.3129



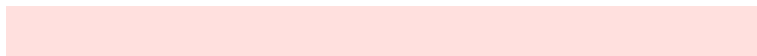
93.0002, 0.3321, 0.3473

Complementary

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



93.0002, 0.2928, 0.3269



79.8322, 0.3362, 0.3311

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.



93.0002, 0.3357, 0.3403



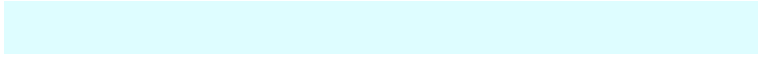
93.0002, 0.2928, 0.3269



93.0002, 0.3248, 0.3206

Square

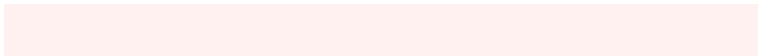
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



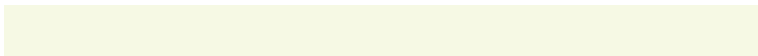
93.0002, 0.2928, 0.3269



93.0002, 0.3019, 0.3093



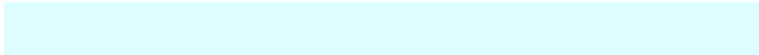
93.0002, 0.3330, 0.3306



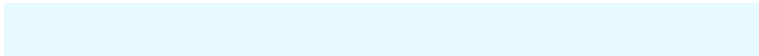
93.0002, 0.3233, 0.3494

Rectangle

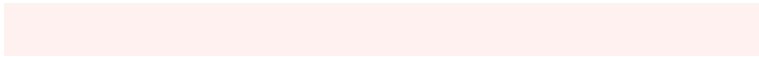
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



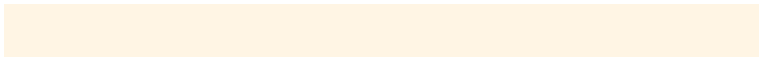
93.0002, 0.2928, 0.3269



93.0002, 0.2918, 0.3124



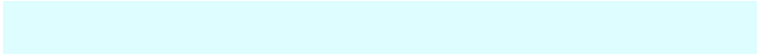
93.0002, 0.3330, 0.3306



93.0002, 0.3340, 0.3454

Sweetspot

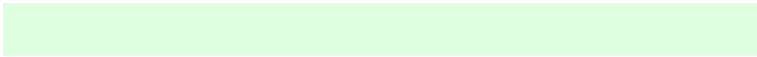
The Sweet Spot groups the original color and five complimentary colors.



93.0021, 0.2928, 0.3269



97.7243, 0.3065, 0.3284



92.4092, 0.3102, 0.3615



20.8279, 0.3053, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

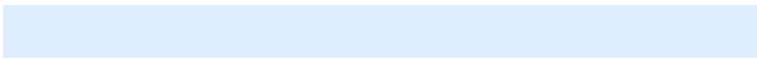
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0021, 0.2928, 0.3269



91.5049, 0.2883, 0.3264



83.2237, 0.2924, 0.3103



20.2825, 0.2980, 0.3275



36.2964, 0.2195, 0.3100



3.5888, 0.2201, 0.3123

Inverse Universe

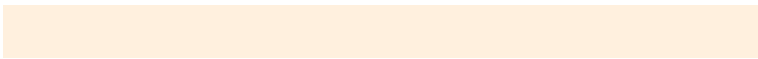
The Inverse Universe completely reimagines the original color for something new.



80.5865, 0.3155, 0.2988



76.5168, 0.3162, 0.2916



88.9375, 0.3341, 0.3470



18.2803, 0.3147, 0.3070



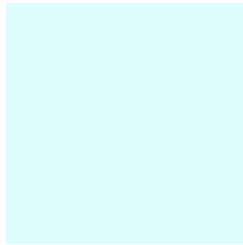
14.3921, 0.3367, 0.1628



1.4068, 0.3347, 0.1618

Previews

White Background



This preview shows how the Yxy color 93.0002, 0.2928, 0.3269 looks on a white background.

Color Contrast Check

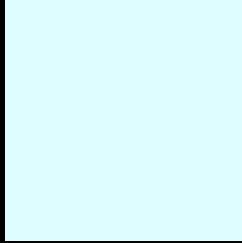
Large Text (above 18pt) WCAG AA × Fail

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 93.0002, 0.2928, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

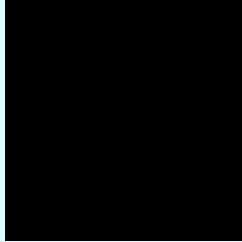
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.0002, 0.2928, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 93.0002, 0.2928, 0.3269.

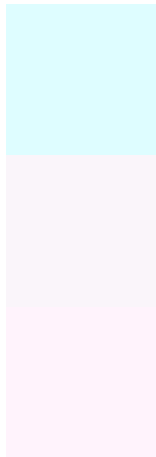


This preview shows how white text looks on a background with the Yxy color 93.0002, 0.2928, 0.3269.

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

93.0002, 0.2928, 0.3269

Protanopia

92.5309, 0.3129, 0.3241

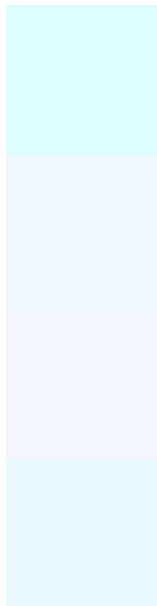
Deuteranopia

92.3895, 0.3151, 0.3204

Tritanopia

92.8801, 0.3036, 0.3221

Trichromacy



Original Color

93.0002, 0.2928, 0.3269

Protanomaly

92.6883, 0.3054, 0.3250

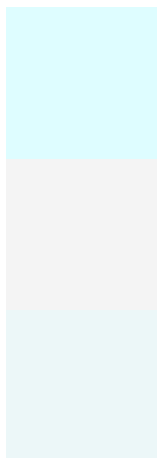
Deuteranomaly

92.6681, 0.3067, 0.3231

Tritanomaly

92.9149, 0.2993, 0.3240

Monochromacy



Original Color

93.0002, 0.2928, 0.3269

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.1317, 0.3052, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0002, 0.2928, 0.3269 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(222, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 253, 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(222, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 253, 255) }
```

Border

The CSS property to change the border of an element to Yxy 93.0002, 0.2928, 0.3269 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(222, 253, 255) }
```

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

```
.border{ border-color:rgb(222, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 253,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0002, 0.2928, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 253, 255) }
```

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

```
.background{ background-color: rgb(222,  
253, 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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