

Converting Colors

$Yxy(91.4158, 0.2870, 0.3268)$

Have a look what the booklet for
Yxy(91.4158, 0.2870, 0.3268)
contains.

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Color

Yxy(91.4676, 0.2871, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	D4FDFF
RGB	212, 253, 255
RGB Percent	83%, 99%, 100%
CMY	0.1685, 0.0078, 0.0001
CMYK	0.17, 0.01, 0.00, 0.00
HSL	183°, 100%, 92%
HSV	183°, 17%, 100%
XYZ	80.3314, 91.4676, 108.0040
YIQ	240.9690, -25.0780, -8.0700

Conversions

Conversions Part 2

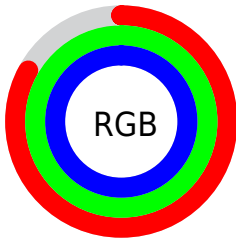
Format	Color
R _Y B	212, 233, 255
Decimal	13958655
CIE Lab	96.60, -12.62, -5.32
CIE LCh	97, 13.693, 202.855
Yxy	91.4676, 0.2871, 0.3269
Android (android.graphics.Color)	4292148735 (0xFFD4FDFF)
YUV	240.9690, 6.9173, -25.4058
Hunter-Lab	95.6387, -17.4372, -0.0086

Details

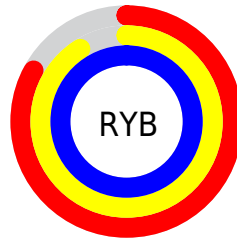
The Yxy color **91.4676, 0.2871, 0.3269** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1117, 0.3448, 0.3311**, and the grayscale version is **87.9035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7252, 0.2820, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **87.2377, 0.2731, 0.3255**, and if you desaturate by 10%, it is **96.3079, 0.3021, 0.3282**.

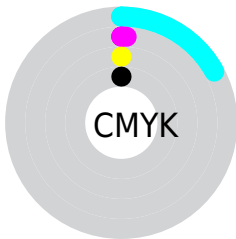
Distribution



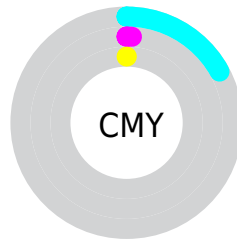
- Red (83%)
- Green (99%)
- Blue (100%)



- Red (83%)
- Yellow (91%)
- Blue (100%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (17%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4676, 0.2871, 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 91.4676, 0.2871, 0.3269 by changing the saturation by 10% instead.

 91.4676, 0.2871,
0.3269

 91.4676, 0.2871,
0.3269


532.7934, 0.2984,
0.3280

 69.1985, 0.2846,
0.3266


149.3753, 0.2909,
0.3273

 50.8734, 0.2817,
0.3263


185.7827, 0.2924,
0.3274

 36.1079, 0.2780,
0.3259


227.6716, 0.2937,
0.3275

 24.5175, 0.2733,
0.3253

275.4265, 0.2949,
0.3277

 15.7180, 0.2672,
0.3246

329.4317, 0.2959,
0.3277

 9.3248, 0.2589,
0.3234

390.0717, 0.2968,

 4.9536, 0.2468,

0.3278

0.3215

457.7308, 0.2977,
0.3279

■ 2.2201, 0.2279,
0.3180

■ 0.7309, 0.1681,
0.3178

■ 91.4676, 0.2871,
0.3269

■ 91.4676, 0.2871,
0.3269

■ 87.2377, 0.2731,
0.3255

■ 96.3079, 0.3021,
0.3282

■ 83.5790, 0.2603,
0.3241

99.9982, 0.3127,
0.3290

■ 80.4649, 0.2491,
0.3226

■ 77.8624, 0.2397,
0.3210

■ 75.7349, 0.2322,
0.3194

■ 74.0407, 0.2267,
0.3179

■ 72.7311, 0.2230,
0.3163

■ 71.7442, 0.2211,
0.3148

■ 71.4697, 0.2207,
0.3143

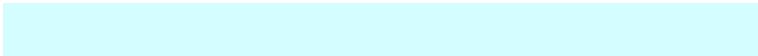
Harmonies

Analogous

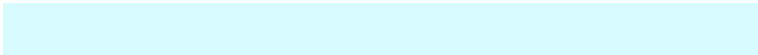
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4676, 0.2976, 0.3409



91.4676, 0.2871, 0.3269



91.4676, 0.2834, 0.3139

Triad

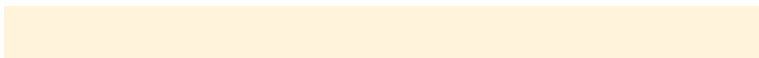
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.4676, 0.2871, 0.3269



91.4676, 0.3126, 0.3077



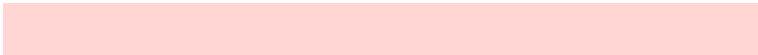
91.4676, 0.3386, 0.3526

Complementary

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



91.4676, 0.2871, 0.3269



74.1117, 0.3448, 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.



91.4676, 0.3430, 0.3430



91.4676, 0.2871, 0.3269



91.4676, 0.3278, 0.3174

Square

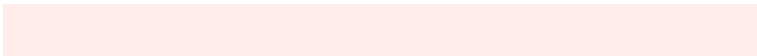
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



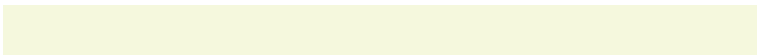
91.4676, 0.2871, 0.3269



91.4676, 0.2978, 0.3033



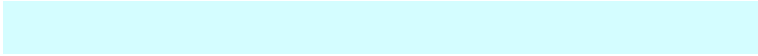
91.4676, 0.3390, 0.3302



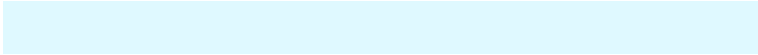
91.4676, 0.3273, 0.3559

Rectangle

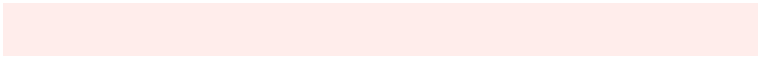
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.4676, 0.2871, 0.3269



91.4676, 0.2851, 0.3076



91.4676, 0.3390, 0.3302



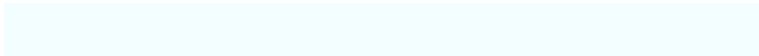
91.4676, 0.3410, 0.3499

Sweetspot

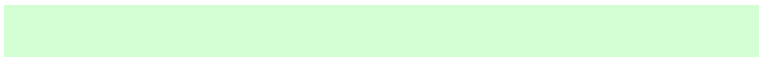
The Sweet Spot groups the original color and five complimentary colors.



91.4714, 0.2871, 0.3269



97.2881, 0.3049, 0.3284



90.3339, 0.3098, 0.3732



20.7448, 0.3038, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

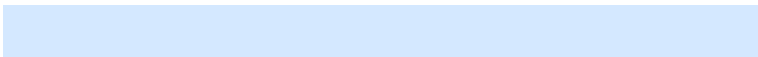
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4714, 0.2871, 0.3269



90.0906, 0.2825, 0.3265



78.9779, 0.2861, 0.3049



20.3298, 0.2980, 0.3279



37.4165, 0.2207, 0.3146



3.6856, 0.2212, 0.3163

Inverse Universe

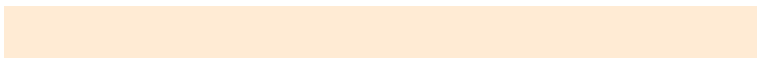
The Inverse Universe completely reimagines the original color for something new.



75.4548, 0.3160, 0.2890



71.5156, 0.3167, 0.2813



85.3918, 0.3413, 0.3519



18.2851, 0.3145, 0.3066



14.5052, 0.3328, 0.1607



1.4166, 0.3313, 0.1599

Previews

White Background



This preview shows how the Yxy color 91.4676, 0.2871, 0.3269 looks on a white background.

Color Contrast Check

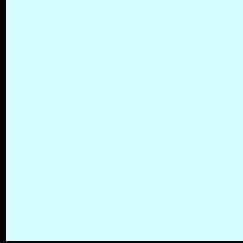
Large Text (above 18pt) WCAG AA × Fail

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 91.4676, 0.2871, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

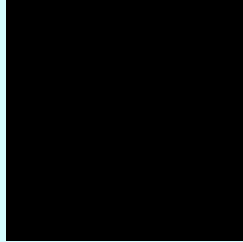
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.4676, 0.2871, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 91.4676, 0.2871, 0.3269.

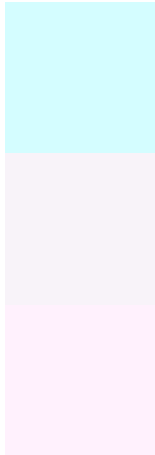


This preview shows how white text looks on a background with the Yxy color 91.4676, 0.2871, 0.3269.

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

91.4676, 0.2871, 0.3269

Protanopia

90.8972, 0.3123, 0.3231

Deuteranopia

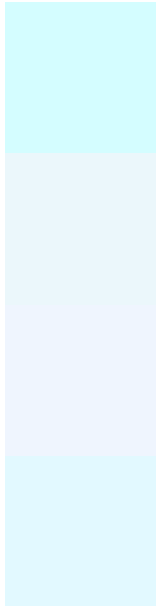
91.2624, 0.3146, 0.3175



Tritanopia

91.2340, 0.2999, 0.3210

Trichromacy



Original Color

91.4676, 0.2871, 0.3269

Protanomaly

91.1487, 0.3028, 0.3250

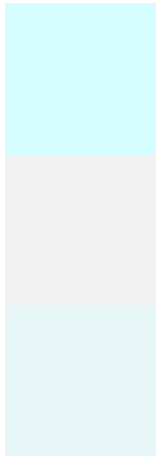
Deuteranomaly

90.8113, 0.3036, 0.3201

Tritanomaly

91.1401, 0.2951, 0.3229

Monochromacy



Original Color

91.4676, 0.2871, 0.3269

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.7816, 0.3026, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4676, 0.2871, 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(212, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 253, 255) }
```

Border

The CSS property to change the border of an element to Yxy 91.4676, 0.2871, 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(212, 253, 255) }
```

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

```
.border{ border-color:rgb(212, 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(212, 253, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 253,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4676, 0.2871, 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(212, 253, 255) }
```

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

```
.background{ background-color: rgb(212,  
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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