

Converting Colors

$Yxy(99.2958, 0.2879, 0.3422)$

Have a look what the booklet for
Yxy(99.2958, 0.2879, 0.3422)
contains.

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Color

Yxy(92.3135, 0.2871, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFFD
RGB	210, 255, 253
RGB Percent	82%, 100%, 99%
CMY	0.1764, 0.0000, 0.0079
CMYK	0.18, 0.00, 0.01, 0.00
HSL	177°, 100%, 91%
HSV	177°, 18%, 100%
XYZ	80.0701, 92.3135, 106.5091
YIQ	241.3170, -26.1780, -10.1620

Conversions

Conversions Part 2

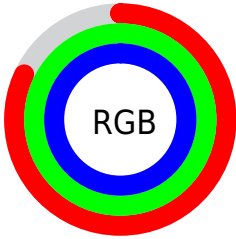
Format	Color
R_{YB}	210, 233, 255
Decimal	13828093
CIE _{Lab}	96.95, -14.62, -3.80
CIE _{LCh}	97, 15.108, 194.557
Yxy	92.3135, 0.2871, 0.3310
Android (android.graphics.Color)	4292018173 (0xFFD2FFFD)
YUV	241.3170, 5.7597, -27.4650
Hunter-Lab	96.0799, -19.3833, 1.5302

Details

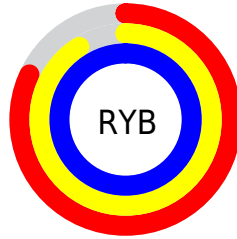
The Yxy color **92.3135, 0.2871, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.1214, 0.3455, 0.3270**, and the grayscale version is **88.1987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3423, 0.2820, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **88.7932, 0.2739, 0.3323**, and if you desaturate by 10%, it is **96.4355, 0.3013, 0.3298**.

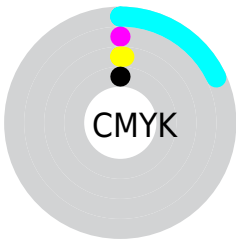
Distribution



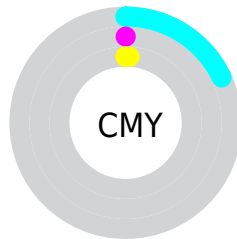
- Red (82%)
- Green (100%)
- Blue (99%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3135, 0.2871, 0.3310 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 92.3135, 0.2871, 0.3310 by changing the saturation by 10% instead.

 92.3135, 0.2871,
0.3310

 92.3135, 0.2871,
0.3310


535.5282, 0.2984,
0.3302

 69.9010, 0.2846,
0.3311


150.5478, 0.2909,
0.3308

 51.4459, 0.2817,
0.3313


187.1385, 0.2924,
0.3307

 36.5636, 0.2780,
0.3315


229.2240, 0.2937,
0.3306

 24.8698, 0.2733,
0.3317

277.1887, 0.2949,
0.3305

 15.9801, 0.2672,
0.3320

331.4172, 0.2959,
0.3304

 9.5100, 0.2589,
0.3323

392.2936, 0.2968,

 5.0753, 0.2469,

0.3303

460.2025, 0.2976,
0.3303

0.3325

■ 2.2915, 0.2281,
0.3324

■ 0.7692, 0.1661,
0.3414

■ 92.3135, 0.2871,
0.3310

■ 92.3135, 0.2871,
0.3310

■ 88.7932, 0.2739,
0.3323

■ 96.4355, 0.3013,
0.3298

■ 85.8391, 0.2621,
0.3336

100.0000, 0.3127,
0.3290

■ 83.4231, 0.2518,
0.3350

■ 81.5120, 0.2434,
0.3365

■ 80.0687, 0.2369,
0.3380

■ 79.0513, 0.2324,
0.3395

■ 78.4101, 0.2297,
0.3410

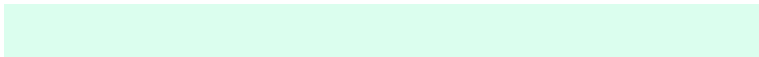
■ 78.0797, 0.2287,
0.3425

■ 78.0244, 0.2286,
0.3428

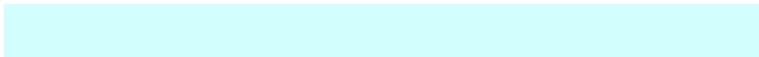
Harmonies

Analogous

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



92.3135, 0.3002, 0.3460



92.3135, 0.2871, 0.3310



92.3135, 0.2808, 0.3159

Triad

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



92.3135, 0.2871, 0.3310



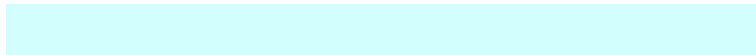
92.3135, 0.3079, 0.3036



92.3135, 0.3434, 0.3525

Complementary

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



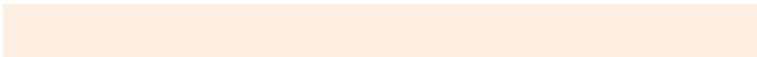
92.3135, 0.2871, 0.3310



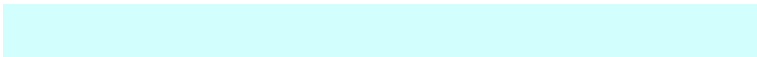
72.1214, 0.3455, 0.3270

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.



92.3135, 0.3457, 0.3407



92.3135, 0.2871, 0.3310



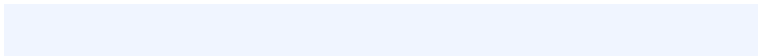
92.3135, 0.3249, 0.3129

Square

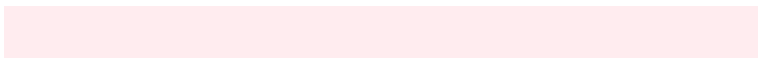
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.3135, 0.2871, 0.3310



92.3135, 0.2925, 0.3007



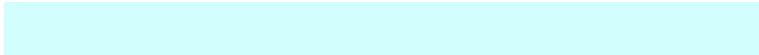
92.3135, 0.3389, 0.3263



92.3135, 0.3328, 0.3584

Rectangle

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



92.3135, 0.2871, 0.3310



92.3135, 0.2812, 0.3080



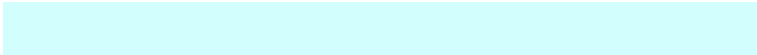
92.3135, 0.3389, 0.3263



92.3135, 0.3452, 0.3491

Sweetspot

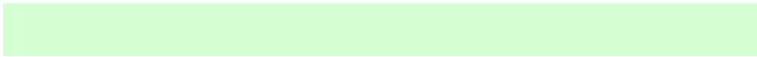
The Sweet Spot groups the original color and five complimentary colors.



92.3160, 0.2871, 0.3310



97.6247, 0.3052, 0.3295



90.2122, 0.3118, 0.3770



20.8270, 0.3042, 0.3296



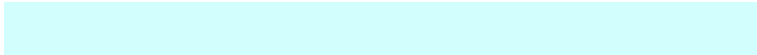
0.0000, 0.0000, 0.0000



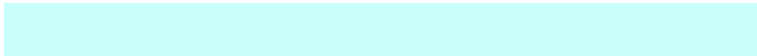
21.4041, 0.3127, 0.3290

Same Dimension

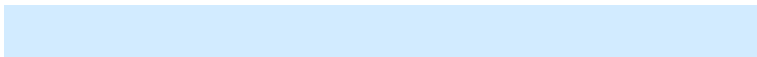
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3160, 0.2871, 0.3310



91.0661, 0.2825, 0.3314



80.2055, 0.2850, 0.3077



20.4666, 0.2986, 0.3300



40.7756, 0.2285, 0.3426



3.9744, 0.2280, 0.3409

Inverse Universe

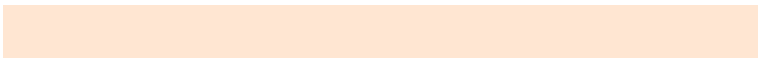
The Inverse Universe completely reimagines the original color for something new.



72.1214, 0.3455, 0.3270



67.5960, 0.3533, 0.3266



82.6550, 0.3434, 0.3494



18.0003, 0.3287, 0.3280



11.1276, 0.6356, 0.3275



1.0879, 0.6249, 0.3216

Previews

White Background



This preview shows how the Yxy color 92.3135, 0.2871, 0.3310 looks on a white background.

Color Contrast Check

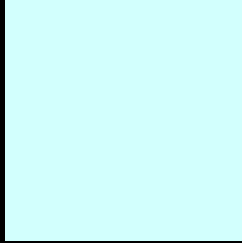
Large Text (above 18pt) WCAG AA × Fail

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 92.3135, 0.2871, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

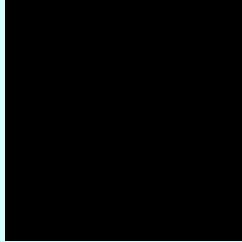
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.3135, 0.2871, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 92.3135, 0.2871, 0.3310.

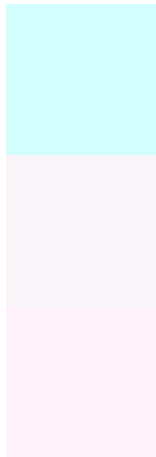


This preview shows how white text looks on a background with the Yxy color 92.3135, 0.2871, 0.3310.

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

92.3135, 0.2871, 0.3310

Protanopia

91.5565, 0.3141, 0.3261

Deuteranopia

91.7293, 0.3157, 0.3203



Tritanopia

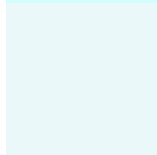
92.1877, 0.3012, 0.3220

Trichromacy



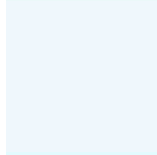
Original Color

92.3135, 0.2871, 0.3310



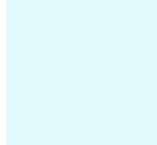
Protanomaly

91.6365, 0.3040, 0.3280



Deuteranomaly

91.9005, 0.3047, 0.3240



Tritanomaly

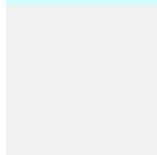
92.4810, 0.2963, 0.3259

Monochromacy



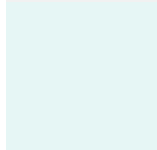
Original Color

92.3135, 0.2871, 0.3310



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3271, 0.3032, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3135, 0.2871, 0.3310 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(210, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 253)  
}
```

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(210, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 92.3135, 0.2871, 0.3310 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(210, 255, 253) }
```

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

```
.border{ border-color:rgb(210, 255, 253) }
```

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

Here you see how a box with a 4 pixel rgb(210, 255, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3135, 0.2871, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 253) }
```

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

```
.background{ background-color: rgb(210,  
255, 253) }
```

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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