

Converting Colors

$Yxy(80.8063, 0.2920, 0.3292)$

Have a look what the booklet for
Yxy(80.8063, 0.2920, 0.3292)
contains.

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Color

Yxy(81.0279, 0.2922, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	CEEFEE
RGB	206, 239, 238
RGB Percent	81%, 94%, 93%
CMY	0.1923, 0.0627, 0.0666
CMYK	0.14, 0.00, 0.00, 0.06
HSL	178°, 51%, 87%
HSV	178°, 14%, 94%
XYZ	71.7465, 81.0279, 92.7647
YIQ	229.0190, -19.3470, -7.3070

Conversions

Conversions Part 2

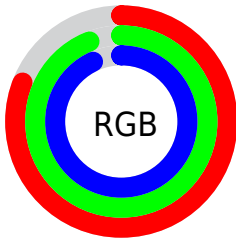
Format	Color
R _Y B	206, 223, 239
Decimal	13561838
CIE Lab	92.14, -10.88, -3.14
CIE LCh	92, 11.326, 196.118
Yxy	81.0279, 0.2922, 0.3300
Android (android.graphics.Color)	4291751918 (0xFFCEEFFEE)
YUV	229.0190, 4.4276, -20.1877
Hunter-Lab	90.0155, -15.2544, 1.9101

Details

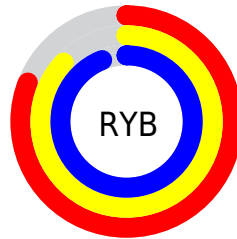
The Yxy color **81.0279, 0.2922, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.9785, 0.3375, 0.3280**, and the grayscale version is **78.3447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8237, 0.2875, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **77.8255, 0.2784, 0.3308**, and if you desaturate by 10%, it is **84.7574, 0.3069, 0.3293**.

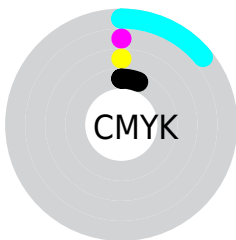
Distribution



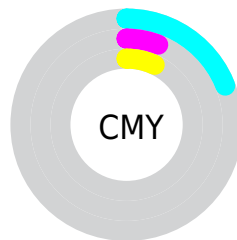
- Red (81%)
- Green (94%)
- Blue (93%)



- Red (81%)
- Yellow (87%)
- Blue (94%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)




- Cyan (19%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0279, 0.2922, 0.3300 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 81.0279, 0.2922, 0.3300 by changing the saturation by 10% instead.

 81.0279, 0.2922,
0.3300

 81.0279, 0.2922,
0.3300


498.3902, 0.3015,
0.3296

 60.5646, 0.2901,
0.3301

134.8099, 0.2954,
0.3299

 43.8739, 0.2876,
0.3301


168.8975, 0.2966,
0.3298

 30.5714, 0.2844,
0.3302

208.2951, 0.2977,
0.3298

 20.2727, 0.2804,
0.3303

253.3874, 0.2986,
0.3297

 12.5934, 0.2749,
0.3304

304.5587, 0.2995,
0.3297

 7.1492, 0.2672,
0.3305

362.1933, 0.3002,

 3.5556, 0.2557,

0.3297

0.3304

426.6757, 0.3009,
0.3296

■ 1.4282, 0.2365,
0.3299

■ 0.2374, 0.0000,
0.3317

■ 81.0279, 0.2922,
0.3300

■ 81.0279, 0.2922,
0.3300

■ 77.8255, 0.2784,
0.3308

■ 84.7574, 0.3069,
0.3293

■ 75.1165, 0.2659,
0.3317

■ 89.0257, 0.3222,
0.3286

■ 72.8792, 0.2549,
0.3326


■ 89.3022, 0.3226,
0.3279


■ 71.0861, 0.2457,
0.3335

■ 89.3449, 0.3222,
0.3272


 69.7071, 0.2383,
0.3345


 89.3877, 0.3217,
0.3265


 68.7080, 0.2329,
0.3355


 89.4307, 0.3213,
0.3258


 68.0495, 0.2294,
0.3365

 89.4738, 0.3208,
0.3251

 67.6836, 0.2277,
0.3374

 89.5171, 0.3204,
0.3244

 67.5591, 0.2272,
0.3380

 89.5606, 0.3199,
0.3237

Harmonies

Analogous

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



81.0279, 0.3023, 0.3417



81.0279, 0.2922, 0.3300



81.0279, 0.2875, 0.3183

Triad

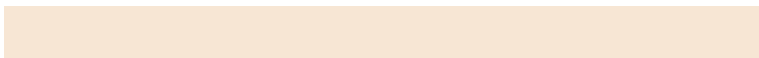
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0279, 0.2922, 0.3300



81.0279, 0.3097, 0.3093



81.0279, 0.3365, 0.3479

Complementary

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



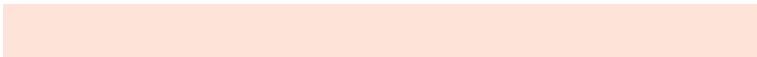
81.0279, 0.2922, 0.3300



66.9785, 0.3375, 0.3280

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.



81.0279, 0.3386, 0.3388



81.0279, 0.2922, 0.3300



81.0279, 0.3229, 0.3168

Square

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



81.0279, 0.2922, 0.3300



81.0279, 0.2974, 0.3067



81.0279, 0.3336, 0.3275



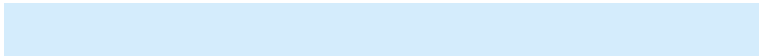
81.0279, 0.3279, 0.3521

Rectangle

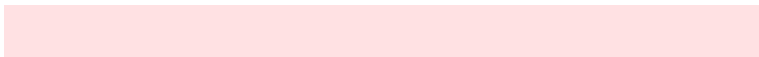
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



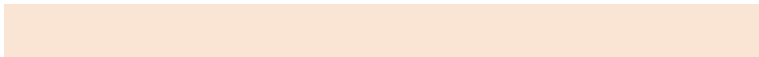
81.0279, 0.2922, 0.3300



81.0279, 0.2881, 0.3122



81.0279, 0.3336, 0.3275



81.0279, 0.3380, 0.3453

Sweetspot

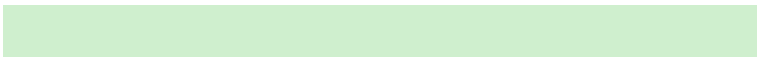
The Sweet Spot groups the original color and five complimentary colors.



81.0313, 0.2922, 0.3300



98.0969, 0.3066, 0.3293



79.4693, 0.3117, 0.3656



20.9226, 0.3055, 0.3293



0.0000, 0.0000, 0.0000



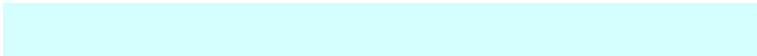
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0313, 0.2922, 0.3300



92.6018, 0.2876, 0.3303



72.4389, 0.2911, 0.3121



17.9203, 0.2985, 0.3297



37.3336, 0.2272, 0.3379



3.1084, 0.2268, 0.3366

Inverse Universe

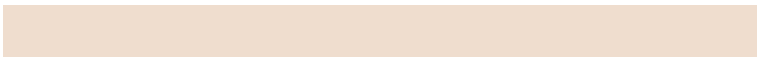
The Inverse Universe completely reimagines the original color for something new.



66.9785, 0.3375, 0.3280



72.9736, 0.3445, 0.3278



74.7235, 0.3360, 0.3453



15.7665, 0.3289, 0.3283



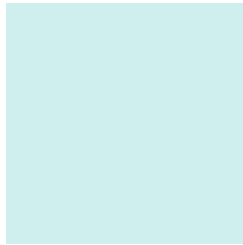
10.1531, 0.6369, 0.3282



0.8473, 0.6286, 0.3236

Previews

White Background



This preview shows how the Yxy color 81.0279, 0.2922, 0.3300 looks on a white background.

Color Contrast Check

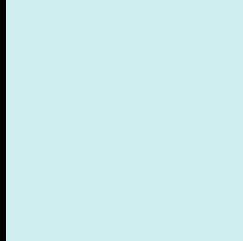
Large Text (above 18pt) WCAG AA × Fail

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 81.0279, 0.2922, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

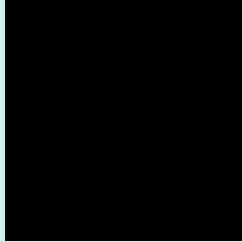
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

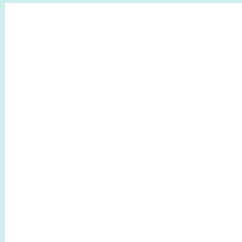
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0279, 0.2922, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 81.0279, 0.2922, 0.3300.

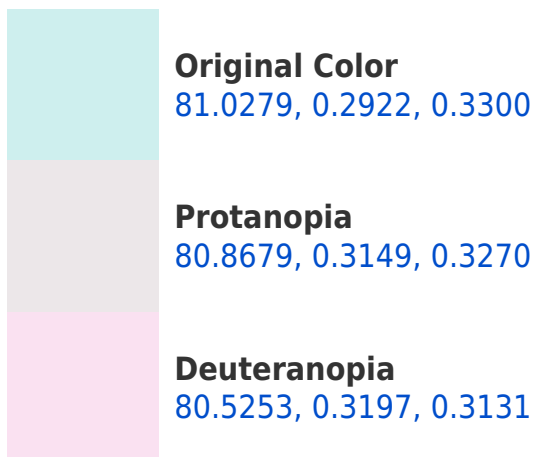


This preview shows how white text looks on a background with the Yxy color 81.0279, 0.2922, 0.3300.

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

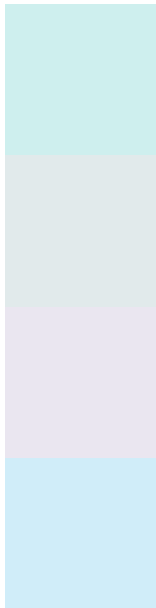




Tritanopia

80.7662, 0.2844, 0.3090

Trichromacy



Original Color

81.0279, 0.2922, 0.3300

Protanomaly

80.8513, 0.3061, 0.3279

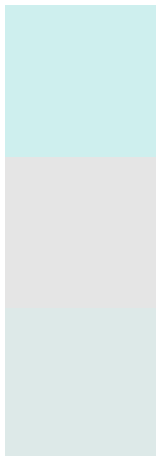
Deuteranomaly

80.3773, 0.3091, 0.3187

Tritanomaly

80.8178, 0.2872, 0.3162

Monochromacy



Original Color

81.0279, 0.2922, 0.3300

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.4762, 0.3053, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0279, 0.2922, 0.3300 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(206, 239, 238)` looks like.

```
.text, #text, p{  
    color:rgb(206, 239, 238)  
}
```

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(206, 239, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 239, 238) }
```

Border

The CSS property to change the border of an element to Yxy 81.0279, 0.2922, 0.3300 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(206, 239, 238) }
```

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

```
.border{ border-color:rgb(206, 239, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 239, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 239, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 239, 238);  
box-shadow:4px 4px 4px 4px rgb(206, 239,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0279, 0.2922, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 239, 238) }
```

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

```
.background{ background-color: rgb(206,  
239, 238) }
```

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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