

Converting Colors

$Yxy(81.0916, 0.2975, 0.3321)$

Have a look what the booklet for
Yxy(81.0916, 0.2975, 0.3321)
contains.

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Color

Yxy(81.1443, 0.2977, 0.3322)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D4EEEE |
| RGB | 212, 238, 235 |
| RGB Percent | 83%, 93%, 92% |
| CMY | 0.1686, 0.0666, 0.0786 |
| CMYK | 0.11, 0.00, 0.01, 0.07 |
| HSL | 173°, 43%, 88% |
| HSV | 173°, 11%, 93% |
| XYZ | 72.7172, 81.1443, 90.4019 |
| YIQ | 229.8840, -14.5330, -6.4450 |

Conversions

Conversions Part 2

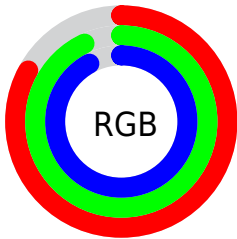
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 212, 226, 238 |
| Decimal | 13954795 |
| CIE Lab | 92.20, -9.06, -1.43 |
| CIE LCh | 92, 9.172, 188.979 |
| Yxy | 81.1443, 0.2977, 0.3322 |
| Android (android.graphics.Color) | 4292144875 (0xFFD4EEEEB) |
| YUV | 229.8840, 2.5222, -15.6843 |
| Hunter-Lab | 90.0801, -13.5461, 3.5543 |

Details

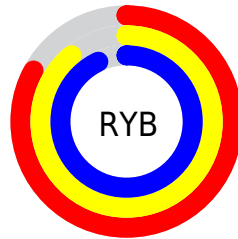
The Yxy color **81.1443, 0.2977, 0.3322** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.1744, 0.3300, 0.3258**, and the grayscale version is **79.0302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8787, 0.2943, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **77.7078, 0.2847, 0.3354**, and if you desaturate by 10%, it is **85.1115, 0.3114, 0.3293**.

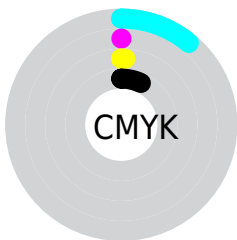
Distribution



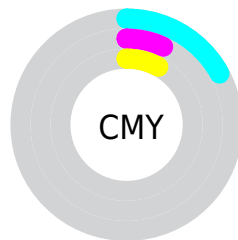
- Red (83%)
- Green (93%)
- Blue (92%)



- Red (83%)
- Yellow (89%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.1443, 0.2977, 0.3322 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 81.1443, 0.2977, 0.3322 by changing the saturation by 10% instead.

81.1443, 0.2977,
0.3322

81.1443, 0.2977,
0.3322

498.7809, 0.3045,
0.3308

60.6605, 0.2962,
0.3325

134.9734, 0.3000,
0.3317

43.9512, 0.2943,
0.3329

169.0874, 0.3009,
0.3315

30.6321, 0.2920,
0.3334

208.5136, 0.3017,
0.3314

20.3189, 0.2890,
0.3340

253.6363, 0.3024,
0.3312

12.6271, 0.2849,
0.3348

304.8400, 0.3030,
0.3311

7.1722, 0.2792,
0.3358

362.5091, 0.3036,

3.5701, 0.2706,

0.3310

0.3374

427.0279, 0.3041,
0.3309

■ 1.4361, 0.2561,
0.3400

■ 0.2431, 0.0160,
0.3935

■ 81.1443, 0.2977,
0.3322

■ 81.1443, 0.2977,
0.3322

■ 77.7078, 0.2847,
0.3354

■ 85.1115, 0.3114,
0.3293

■ 74.7690, 0.2727,
0.3389


■ 88.7372, 0.3225,
0.3266


■ 72.3069, 0.2620,
0.3426


■ 88.9044, 0.3207,
0.3239


■ 70.2952, 0.2529,
0.3465


■ 89.0741, 0.3190,
0.3212

 68.7046, 0.2456,
0.3505


 89.2463, 0.3173,
0.3185

 67.5029, 0.2402,
0.3546


 89.4211, 0.3155,
0.3158

 66.6527, 0.2368,
0.3587

 89.5985, 0.3138,
0.3132

 66.1096, 0.2353,
0.3628

 89.6342, 0.3135,
0.3127

 65.8166, 0.2351,
0.3664

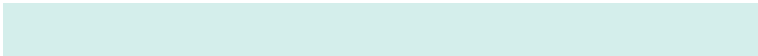
Harmonies

Analogous

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



81.1443, 0.3067, 0.3411



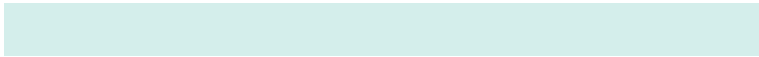
81.1443, 0.2977, 0.3322



81.1443, 0.2927, 0.3225

Triad

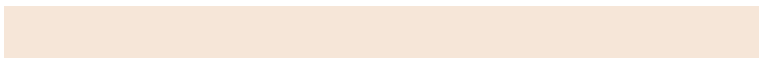
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1443, 0.2977, 0.3322



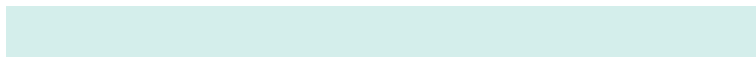
81.1443, 0.3077, 0.3120



81.1443, 0.3328, 0.3429

Complementary

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



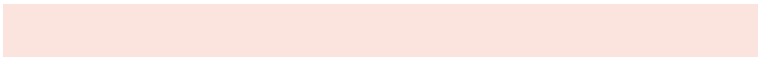
81.1443, 0.2977, 0.3322



70.1744, 0.3300, 0.3258

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.



81.1443, 0.3332, 0.3349



81.1443, 0.2977, 0.3322



81.1443, 0.3185, 0.3173

Square

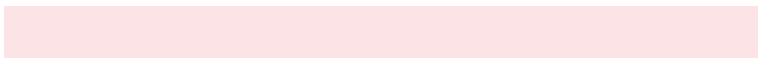
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1443, 0.2977, 0.3322



81.1443, 0.2984, 0.3111



81.1443, 0.3279, 0.3256



81.1443, 0.3270, 0.3473

Rectangle

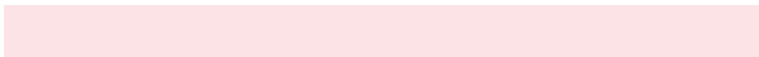
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



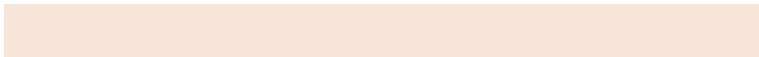
81.1443, 0.2977, 0.3322



81.1443, 0.2923, 0.3170



81.1443, 0.3279, 0.3256



81.1443, 0.3336, 0.3405

Sweetspot

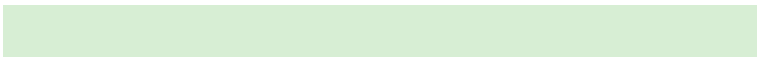
The Sweet Spot groups the original color and five complimentary colors.



81.1477, 0.2977, 0.3322



98.5204, 0.3085, 0.3299



80.4258, 0.3137, 0.3572



21.0049, 0.3074, 0.3301



0.0000, 0.0000, 0.0000



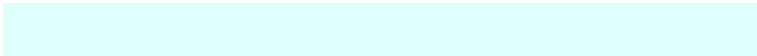
21.4041, 0.3127, 0.3290

Same Dimension

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



81.1477, 0.2977, 0.3322



93.9988, 0.2949, 0.3329



75.9179, 0.2958, 0.3187



17.8953, 0.2996, 0.3318



36.7285, 0.2349, 0.3658



3.0644, 0.2335, 0.3604

Inverse Universe

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



70.1744, 0.3300, 0.3258



78.8988, 0.3339, 0.3252



74.9291, 0.3310, 0.3391



15.7889, 0.3275, 0.3263



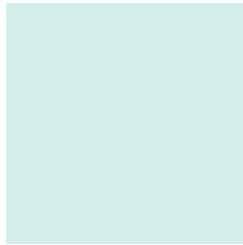
10.1969, 0.6257, 0.3220



0.8580, 0.5981, 0.3068

Previews

White Background



This preview shows how the Yxy color 81.1443, 0.2977, 0.3322 looks on a white background.

Color Contrast Check

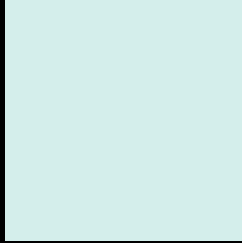
Large Text (above 18pt) WCAG AA × Fail

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 81.1443, 0.2977, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

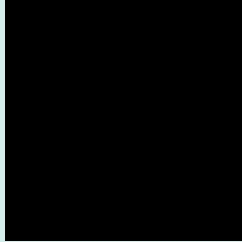
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

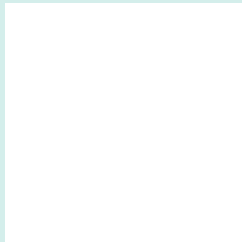
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1443, 0.2977, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 81.1443, 0.2977, 0.3322.

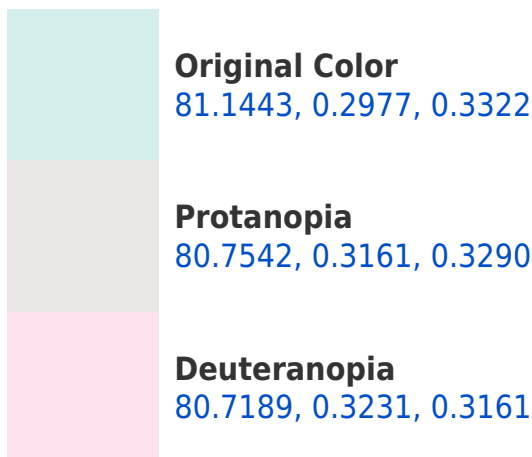


This preview shows how white text looks on a background with the Yxy color 81.1443, 0.2977, 0.3322.

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

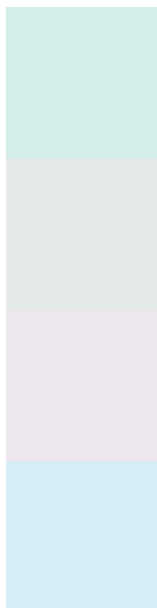




Tritanopia

81.0195, 0.2886, 0.3092

Trichromacy



Original Color

81.1443, 0.2977, 0.3322

Protanomaly

81.0027, 0.3093, 0.3311

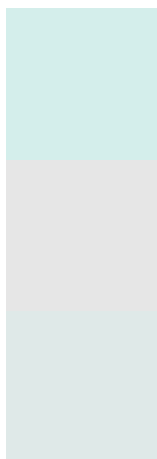
Deuteranomaly

80.7126, 0.3131, 0.3218

Tritanomaly

81.0024, 0.2920, 0.3174

Monochromacy



Original Color

81.1443, 0.2977, 0.3322

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.7920, 0.3066, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1443, 0.2977, 0.3322 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, 238, 235)` looks like.

```
.text, #text, p{  
    color:rgb(212, 238, 235)  
}
```

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, 238, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 238, 235) }
```

Border

The CSS property to change the border of an element to Yxy 81.1443, 0.2977, 0.3322 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, 238, 235) }
```

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

```
.border{ border-color:rgb(212, 238, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 238, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 238, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 238, 235);  
box-shadow:4px 4px 4px 4px rgb(212, 238,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1443, 0.2977, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 238, 235) }
```

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

```
.background{ background-color: rgb(212,  
238, 235) }
```

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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