

Converting Colors

$Yxy(82.3154, 0.2977, 0.3343)$

Have a look what the booklet for
Yxy(82.3154, 0.2977, 0.3343)
contains.

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Color

Yxy(82.3154, 0.2977, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	D4F0EB
RGB	212, 240, 235
RGB Percent	83%, 94%, 92%
CMY	0.1687, 0.0588, 0.0785
CMYK	0.12, 0.00, 0.02, 0.06
HSL	169°, 48%, 89%
HSV	169°, 12%, 94%
XYZ	73.3033, 82.3154, 90.6134
YIQ	231.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

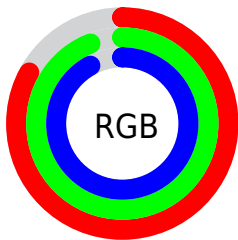
Format	Color
R _Y B	212, 227, 240
Decimal	13955307
CIE Lab	92.71, -10.07, -0.68
CIE LCh	93, 10.090, 183.891
Yxy	82.3154, 0.2977, 0.3343
Android (android.graphics.Color)	4292145387 (0xFFD4F0EB)
YUV	231.0580, 1.9434, -16.7139
Hunter-Lab	90.7278, -14.5551, 4.2943

Details

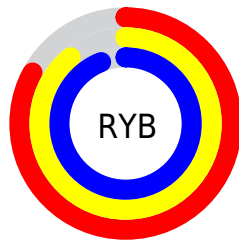
The Yxy color **82.3154, 0.2977, 0.3343** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.6199, 0.3301, 0.3238**, and the grayscale version is **79.9507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7038, 0.2944, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **78.7677, 0.2855, 0.3393**, and if you desaturate by 10%, it is **86.4062, 0.3105, 0.3297**.

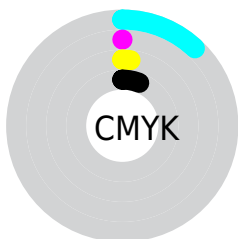
Distribution



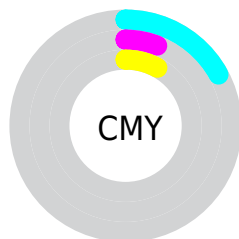
- Red (83%)
- Green (94%)
- Blue (92%)



- Red (83%)
- Yellow (89%)
- Blue (94%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)





- Cyan (17%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3154, 0.2977, 0.3343 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 82.3154, 0.2977, 0.3343 by changing the saturation by 10% instead.


 82.3154, 0.2977,
0.3343

 82.3154, 0.2977,
0.3343

502.7021, 0.3045,
0.3319

 61.6255, 0.2962,
0.3348


136.6162, 0.3000,
0.3335

 44.7302, 0.2943,
0.3355

170.9960, 0.3009,
0.3332

 31.2450, 0.2920,
0.3363


210.7078, 0.3017,
0.3329

 20.7855, 0.2890,
0.3373

256.1361, 0.3024,
0.3327

 12.9673, 0.2850,
0.3387

307.6653, 0.3030,
0.3324

 7.4060, 0.2794,
0.3406

365.6798, 0.3036,

 3.7173, 0.2709,

0.3322

0.3435

430.5639, 0.3041,
0.3321

■ 1.5167, 0.2566,
0.3482

■ 0.3004, 0.0557,
0.4200

■ 82.3154, 0.2977,
0.3343

■ 82.3154, 0.2977,
0.3343

■ 78.7677, 0.2855,
0.3393

■ 86.4062, 0.3105,
0.3297

■ 75.7294, 0.2743,
0.3448


■ 90.0922, 0.3204,
0.3255


■ 73.1788, 0.2643,
0.3506


■ 90.3559, 0.3177,
0.3214

■ 71.0887, 0.2559,
0.3567


■ 90.6257, 0.3151,
0.3173

 69.4293, 0.2491,
0.3630

 90.8055, 0.3134,
0.3146

 68.1670, 0.2444,
0.3695

 67.2633, 0.2416,
0.3761

 66.6720, 0.2407,
0.3825

 66.3574, 0.2411,
0.3879

Harmonies

Analogous

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



82.3154, 0.3081, 0.3437



82.3154, 0.2977, 0.3343



82.3154, 0.2914, 0.3236

Triad

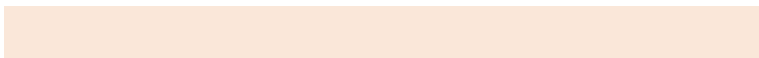
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3154, 0.2977, 0.3343



82.3154, 0.3053, 0.3099



82.3154, 0.3353, 0.3429

Complementary

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



82.3154, 0.2977, 0.3343



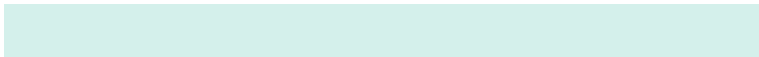
70.6199, 0.3301, 0.3238

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.



82.3154, 0.3346, 0.3338



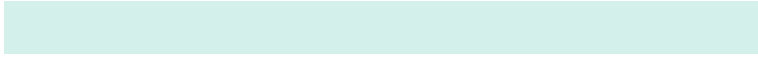
82.3154, 0.2977, 0.3343



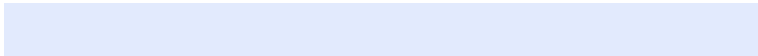
82.3154, 0.3171, 0.3150

Square

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



82.3154, 0.2977, 0.3343



82.3154, 0.2957, 0.3097



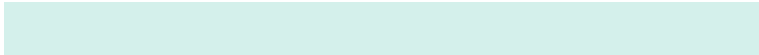
82.3154, 0.3279, 0.3236



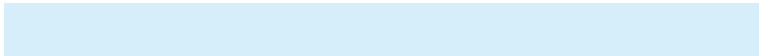
82.3154, 0.3298, 0.3486

Rectangle

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



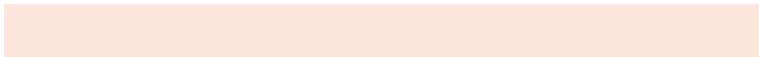
82.3154, 0.2977, 0.3343



82.3154, 0.2902, 0.3173



82.3154, 0.3279, 0.3236



82.3154, 0.3358, 0.3401

Sweetspot

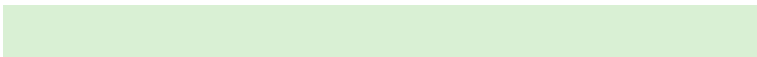
The Sweet Spot groups the original color and five complimentary colors.



82.3189, 0.2977, 0.3343



97.9994, 0.3075, 0.3308



81.8499, 0.3147, 0.3592



20.8978, 0.3065, 0.3311



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.



82.3189, 0.2977, 0.3343



93.4416, 0.2947, 0.3355



77.5160, 0.2946, 0.3195



17.8775, 0.3005, 0.3333



36.3400, 0.2408, 0.3869



3.0357, 0.2384, 0.3783

Inverse Universe

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



70.6199, 0.3301, 0.3238



77.5540, 0.3342, 0.3227



74.9209, 0.3326, 0.3384



15.8051, 0.3265, 0.3248



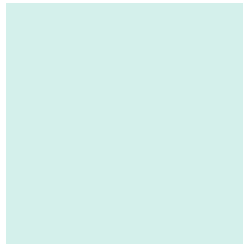
10.2502, 0.6127, 0.3149



0.8657, 0.5786, 0.2961

Previews

White Background



This preview shows how the Yxy color 82.3154, 0.2977, 0.3343 looks on a white background.

Color Contrast Check

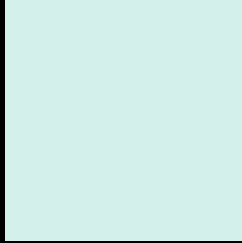
Large Text (above 18pt) WCAG AA × Fail

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 82.3154, 0.2977, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

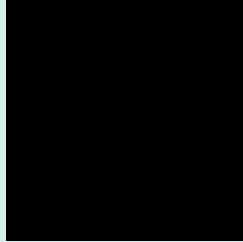
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

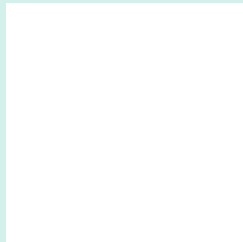
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3154, 0.2977, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 82.3154, 0.2977, 0.3343.

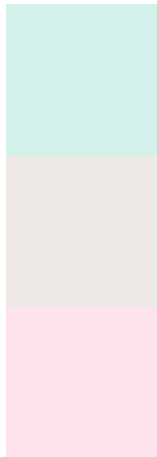


This preview shows how white text looks on a background with the Yxy color 82.3154, 0.2977, 0.3343.

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

82.3154, 0.2977, 0.3343

Protanopia

82.2245, 0.3174, 0.3311

Deuteranopia

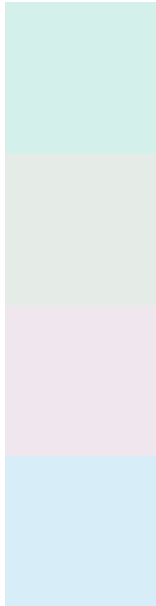
81.6366, 0.3244, 0.3172



Tritanopia

82.3873, 0.2887, 0.3103

Trichromacy



Original Color

82.3154, 0.2977, 0.3343

Protanomaly

82.4751, 0.3105, 0.3332

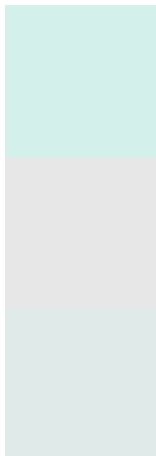
Deuteranomaly

81.6170, 0.3144, 0.3229

Tritanomaly

82.3735, 0.2921, 0.3185

Monochromacy



Original Color

82.3154, 0.2977, 0.3343

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.5191, 0.3073, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3154, 0.2977, 0.3343 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, 240, 235)` looks like.

```
.text, #text, p{  
    color:rgb(212, 240, 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, 240, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 240, 235) }
```

Border

The CSS property to change the border of an element to Yxy 82.3154, 0.2977, 0.3343 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, 240, 235) }
```

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

```
.border{ border-color:rgb(212, 240, 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, 240, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 240, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 240, 235);  
box-shadow:4px 4px 4px 4px rgb(212, 240,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3154, 0.2977, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 240, 235) }
```

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

```
.background{ background-color: rgb(212,  
240, 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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