

Converting Colors

$Yxy(82.1040, 0.2926, 0.3311)$

Have a look what the booklet for
Yxy(82.1040, 0.2926, 0.3311)
contains.

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Color

Yxy(82.4080, 0.2923, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	CFF1EF
RGB	207, 241, 239
RGB Percent	81%, 95%, 94%
CMY	0.1885, 0.0548, 0.0627
CMYK	0.14, 0.00, 0.01, 0.05
HSL	176°, 55%, 88%
HSV	176°, 14%, 95%
XYZ	72.7510, 82.4080, 93.7326
YIQ	230.6060, -19.6220, -7.8300

Conversions

Conversions Part 2

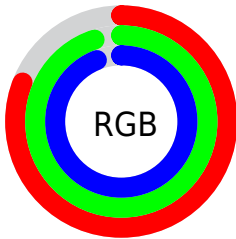
Format	Color
R_{YB}	207, 225, 241
Decimal	13627887
CIE _{Lab}	92.75, -11.40, -2.75
CIE _{LCh}	93, 11.724, 193.560
Yxy	82.4080, 0.2923, 0.3311
Android (android.graphics.Color)	4291817967 (0xFFCFF1EF)
YUV	230.6060, 4.1382, -20.7025
Hunter-Lab	90.7789, -15.8114, 2.3260

Details

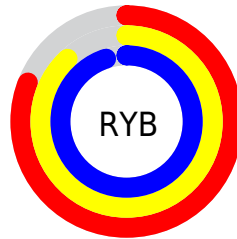
The Yxy color **82.4080, 0.2923, 0.3311** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.8945, 0.3375, 0.3269**, and the grayscale version is **79.5753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7922, 0.2877, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **79.1182, 0.2789, 0.3328**, and if you desaturate by 10%, it is **86.2352, 0.3066, 0.3296**.

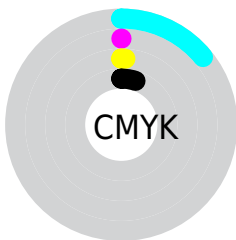
Distribution



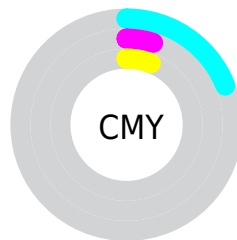
- Red (81%)
- Green (95%)
- Blue (94%)



- Red (81%)
- Yellow (88%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4080, 0.2923, 0.3311 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 82.4080, 0.2923, 0.3311 by changing the saturation by 10% instead.

82.4080, 0.2923,
0.3311

82.4080, 0.2923,
0.3311

503.0114, 0.3015,
0.3302

61.7019, 0.2903,
0.3313

136.7460, 0.2954,
0.3308

44.7919, 0.2878,
0.3315

171.1467, 0.2967,
0.3307

31.2935, 0.2846,
0.3318

210.8811, 0.2978,
0.3306

20.8225, 0.2806,
0.3321

256.3335, 0.2987,
0.3305

12.9943, 0.2752,
0.3325

307.8883, 0.2995,
0.3304

7.4246, 0.2677,
0.3330

365.9300, 0.3003,

3.7290, 0.2565,

0.3303

430.8429, 0.3009,
0.3303

0.3336

1.5232, 0.2379,
0.3342

0.3050, 0.0138,
0.3627

82.4080, 0.2923,
0.3311

82.4080, 0.2923,
0.3311

79.1182, 0.2789,
0.3328

86.2352, 0.3066,
0.3296

76.3315, 0.2667,
0.3345

90.5875, 0.3214,
0.3282


74.0255, 0.2560,
0.3364


90.6737, 0.3205,
0.3268

72.1722, 0.2471,
0.3383

90.7606, 0.3196,
0.3254


 70.7407, 0.2400,
0.3403


 90.8482, 0.3188,
0.3241


 69.6959, 0.2348,
0.3423

 90.9364, 0.3179,
0.3227


 68.9975, 0.2316,
0.3443

 91.0253, 0.3170,
0.3213

 68.5961, 0.2301,
0.3463

 91.1149, 0.3161,
0.3199

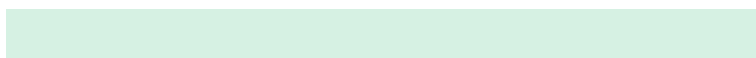
 68.4557, 0.2298,
0.3474

 91.2052, 0.3152,
0.3186

Harmonies

Analogous

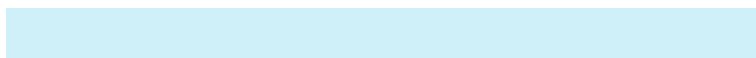
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4080, 0.3031, 0.3430



82.4080, 0.2923, 0.3311



82.4080, 0.2870, 0.3189

Triad

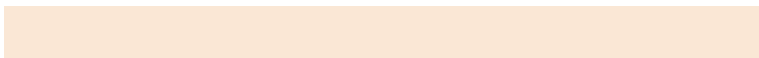
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4080, 0.2923, 0.3311



82.4080, 0.3084, 0.3083



82.4080, 0.3376, 0.3478

Complementary

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



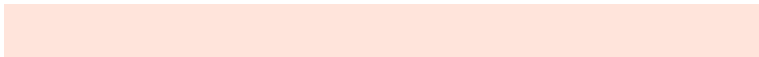
82.4080, 0.2923, 0.3311



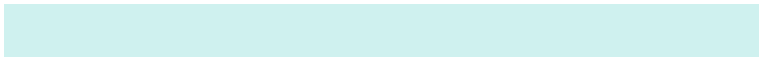
67.8945, 0.3375, 0.3269

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.



82.4080, 0.3392, 0.3382



82.4080, 0.2923, 0.3311



82.4080, 0.3221, 0.3156

Square

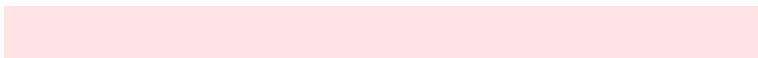
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4080, 0.2923, 0.3311



82.4080, 0.2961, 0.3061



82.4080, 0.3335, 0.3265



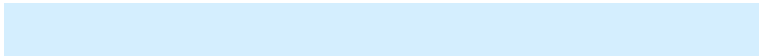
82.4080, 0.3293, 0.3526

Rectangle

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



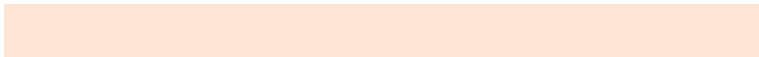
82.4080, 0.2923, 0.3311



82.4080, 0.2871, 0.3124



82.4080, 0.3335, 0.3265



82.4080, 0.3390, 0.3450

Sweetspot

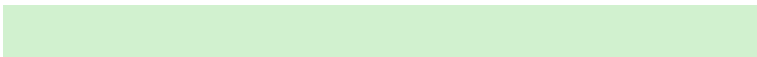
The Sweet Spot groups the original color and five complimentary colors.



82.4114, 0.2923, 0.3311



98.0776, 0.3068, 0.3296



81.0103, 0.3124, 0.3665



20.9177, 0.3057, 0.3297



0.0000, 0.0000, 0.0000



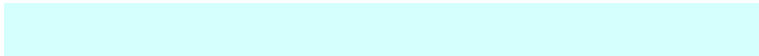
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4114, 0.2923, 0.3311



92.5205, 0.2883, 0.3316



74.1341, 0.2906, 0.3129



17.9118, 0.2989, 0.3304



37.1207, 0.2298, 0.3471



3.0930, 0.2290, 0.3445

Inverse Universe

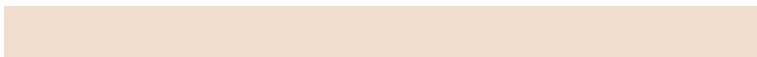
The Inverse Universe completely reimagines the original color for something new.



67.8945, 0.3375, 0.3269



73.0386, 0.3436, 0.3265



75.2899, 0.3367, 0.3446



15.7740, 0.3284, 0.3276



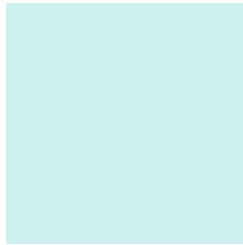
10.1649, 0.6338, 0.3265



0.8509, 0.6178, 0.3177

Previews

White Background



This preview shows how the Yxy color 82.4080, 0.2923, 0.3311 looks on a white background.

Color Contrast Check

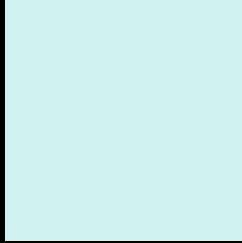
Large Text (above 18pt) WCAG AA × Fail

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 82.4080, 0.2923, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

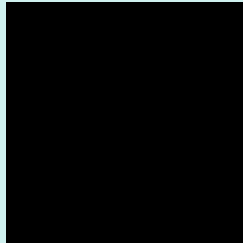
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.4080, 0.2923, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 82.4080, 0.2923, 0.3311.

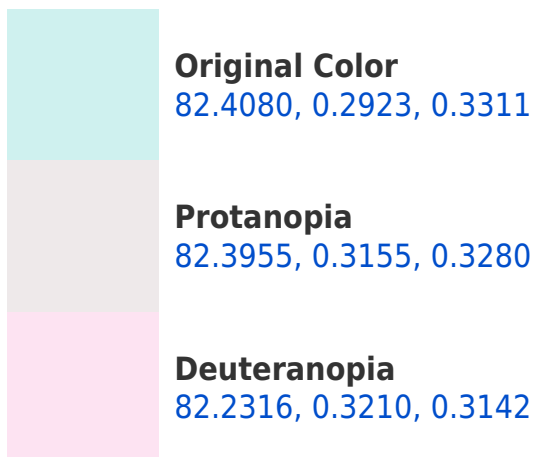


This preview shows how white text looks on a background with the Yxy color 82.4080, 0.2923, 0.3311.

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

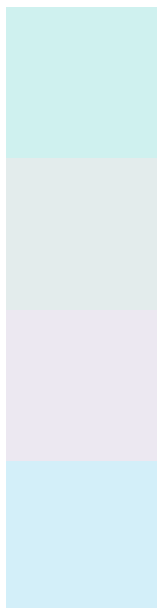




Tritanopia

82.5152, 0.2869, 0.3113

Trichromacy



Original Color

82.4080, 0.2923, 0.3311

Protanomaly

82.3779, 0.3068, 0.3290

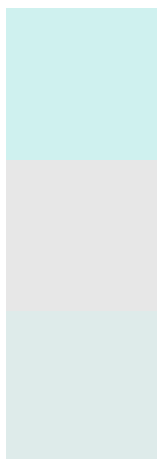
Deuteranomaly

81.8970, 0.3098, 0.3198

Tritanomaly

82.4214, 0.2891, 0.3184

Monochromacy



Original Color

82.4080, 0.2923, 0.3311

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.8868, 0.3047, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4080, 0.2923, 0.3311 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(207, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(207, 241, 239)  
}
```

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(207, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 241, 239) }
```

Border

The CSS property to change the border of an element to Yxy 82.4080, 0.2923, 0.3311 is called "border". The border property can be set on classes, ids or directly on the HTML element.

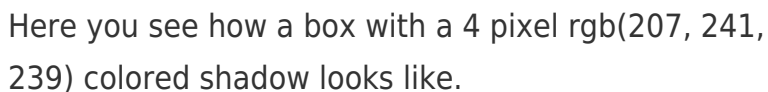
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 241, 239) }
```

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

```
.border{ border-color:rgb(207, 241, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 241, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 241, 239); box-shadow:4px 4px 4px 4px rgb(207, 241, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4080, 0.2923, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 241, 239) }
```

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

```
.background{ background-color: rgb(207,  
241, 239) }
```

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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