

Converting Colors

$Yxy(82.2732, 0.2936, 0.3426)$

Have a look what the booklet for
Yxy(82.2732, 0.2936, 0.3426)
contains.

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Color

Yxy(82.2319, 0.2938, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	C9F3E6
RGB	201, 243, 230
RGB Percent	79%, 95%, 90%
CMY	0.2119, 0.0470, 0.0980
CMYK	0.17, 0.00, 0.05, 0.05
HSL	161°, 64%, 87%
HSV	161°, 17%, 95%
XYZ	70.4160, 82.2319, 87.0254
YIQ	228.9600, -20.8590, -12.9470

Conversions

Conversions Part 2

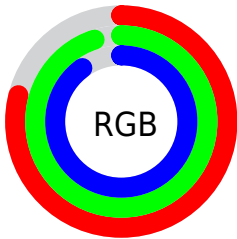
Format	Color
R _Y B	201, 226, 243
Decimal	13235174
CIE Lab	92.68, -16.01, 1.77
CIE LCh	93, 16.107, 173.697
Yxy	82.2319, 0.2938, 0.3431
Android (android.graphics.Color)	4291425254 (0xFFC9F3E6)
YUV	228.9600, 0.5127, -24.5209
Hunter-Lab	90.6818, -20.0848, 6.5779

Details

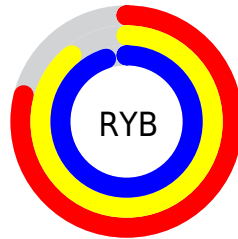
The Yxy color **82.2319, 0.2938, 0.3431** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.6731, 0.3360, 0.3154**, and the grayscale version is **78.3304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7468, 0.2889, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **78.7167, 0.2836, 0.3524**, and if you desaturate by 10%, it is **86.3050, 0.3046, 0.3346**.

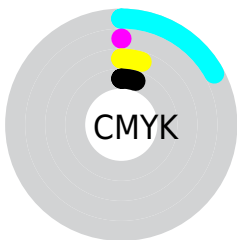
Distribution



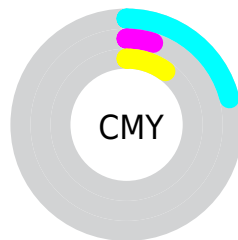
- Red (79%)
- Green (95%)
- Blue (90%)



- Red (79%)
- Yellow (89%)
- Blue (95%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.2319, 0.2938, 0.3431 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 82.2319, 0.2938, 0.3431 by changing the saturation by 10% instead.

82.2319, 0.2938,
0.3431

82.2319, 0.2938,
0.3431

502.4231, 0.3024,
0.3367

61.5567, 0.2919,
0.3445

136.4992, 0.2967,
0.3409

44.6746, 0.2895,
0.3463

170.8600, 0.2979,
0.3400

31.2012, 0.2866,
0.3486

210.5515, 0.2989,
0.3393

20.7521, 0.2827,
0.3515

255.9581, 0.2998,
0.3386

12.9429, 0.2776,
0.3554

307.4642, 0.3005,
0.3380

7.3893, 0.2704,
0.3609

365.4541, 0.3012,

3.7067, 0.2594,

0.3375

430.3122, 0.3018,
0.3371

0.3695

1.5109, 0.2408,
0.3842

0.2964, 0.0000,
0.5982

82.2319, 0.2938,
0.3431

82.2319, 0.2938,
0.3431

78.7167, 0.2836,
0.3524

86.3050, 0.3046,
0.3346

75.7237, 0.2744,
0.3625

90.9491, 0.3158,
0.3270

73.2294, 0.2665,
0.3732

92.4317, 0.3147,
0.3198

71.2038, 0.2601,
0.3846

92.5877, 0.3133,
0.3175

■ 69.6140, 0.2555,
0.3963

■ 68.4227, 0.2529,
0.4082

■ 67.5859, 0.2523,
0.4201

■ 67.0465, 0.2536,
0.4319

■ 66.9279, 0.2542,
0.4350

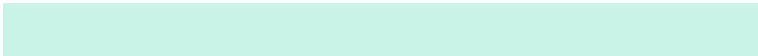
Harmonies

Analogous

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



82.2319, 0.3115, 0.3566



82.2319, 0.2938, 0.3431



82.2319, 0.2813, 0.3258

Triad

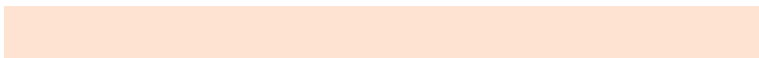
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2319, 0.2938, 0.3431



82.2319, 0.2950, 0.2979



82.2319, 0.3497, 0.3463

Complementary

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



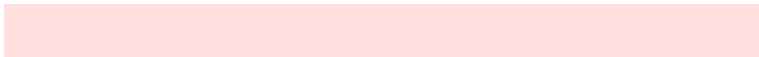
82.2319, 0.2938, 0.3431



65.6731, 0.3360, 0.3154

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.



82.2319, 0.3451, 0.3308



82.2319, 0.2938, 0.3431



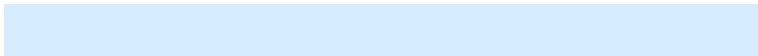
82.2319, 0.3131, 0.3035

Square

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



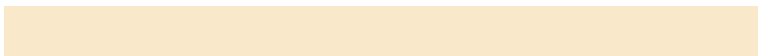
82.2319, 0.2938, 0.3431



82.2319, 0.2820, 0.3001



82.2319, 0.3315, 0.3153



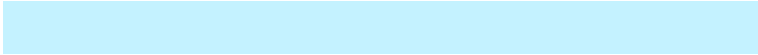
82.2319, 0.3440, 0.3579

Rectangle

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



82.2319, 0.2938, 0.3431



82.2319, 0.2775, 0.3149



82.2319, 0.3315, 0.3153



82.2319, 0.3493, 0.3414

Sweetspot

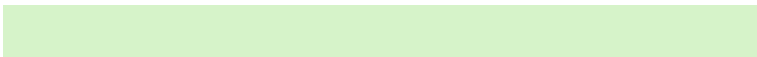
The Sweet Spot groups the original color and five complimentary colors.



82.2353, 0.2938, 0.3431



97.4100, 0.3071, 0.3328



82.6631, 0.3192, 0.3748



20.7746, 0.3063, 0.3334



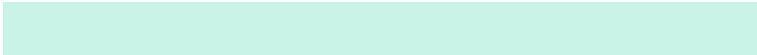
0.0000, 0.0000, 0.0000



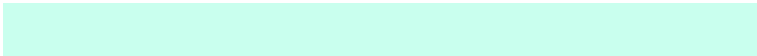
21.4041, 0.3127, 0.3290

Same Dimension

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



82.2353, 0.2938, 0.3431



90.1983, 0.2899, 0.3465



78.4772, 0.2862, 0.3206



18.6654, 0.3022, 0.3364



36.7540, 0.2537, 0.4332



3.2487, 0.2496, 0.4184

Inverse Universe

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



65.6731, 0.3360, 0.3154



68.3064, 0.3423, 0.3122



68.7179, 0.3447, 0.3373



16.5670, 0.3245, 0.3217



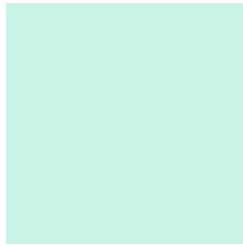
10.7594, 0.5730, 0.2930



0.9633, 0.5377, 0.2736

Previews

White Background



This preview shows how the Yxy color 82.2319, 0.2938, 0.3431 looks on a white background.

Color Contrast Check

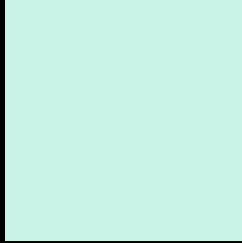
Large Text (above 18pt) WCAG AA × Fail

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 82.2319, 0.2938, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

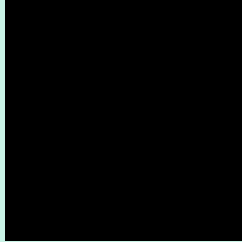
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

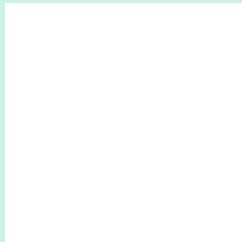
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2319, 0.2938, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 82.2319, 0.2938, 0.3431.

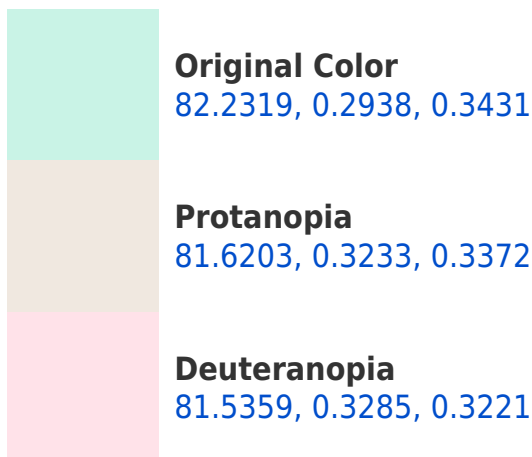


This preview shows how white text looks on a background with the Yxy color 82.2319, 0.2938, 0.3431.

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

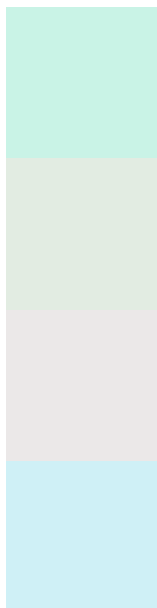




Tritanopia

82.0707, 0.2851, 0.3112

Trichromacy



Original Color

82.2319, 0.2938, 0.3431

Protanomaly

81.6506, 0.3122, 0.3395

Deuteranomaly

81.2016, 0.3148, 0.3290

Tritanomaly

82.2394, 0.2884, 0.3226

Monochromacy



Original Color

82.2319, 0.2938, 0.3431

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.5628, 0.3058, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2319, 0.2938, 0.3431 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(201, 243, 230)` looks like.

```
.text, #text, p{  
    color:rgb(201, 243, 230)  
}
```

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(201, 243, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 243, 230) }
```

Border

The CSS property to change the border of an element to Yxy 82.2319, 0.2938, 0.3431 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(201, 243, 230) }
```

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

```
.border{ border-color:rgb(201, 243, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 243, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 243, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 243, 230);  
box-shadow:4px 4px 4px 4px rgb(201, 243,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2319, 0.2938, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 243, 230) }
```

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

```
.background{ background-color: rgb(201,  
243, 230) }
```

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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