

Converting Colors

$Yxy(82.2402, 0.2924, 0.3397)$

Have a look what the booklet for
Yxy(82.2402, 0.2924, 0.3397)
contains.

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Color

Yxy(82.4019, 0.2921, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	C9F3E9
RGB	201, 243, 233
RGB Percent	79%, 95%, 91%
CMY	0.2120, 0.0470, 0.0863
CMYK	0.17, 0.00, 0.04, 0.05
HSL	166°, 64%, 87%
HSV	166°, 17%, 95%
XYZ	70.8346, 82.4019, 89.2647
YIQ	229.3020, -21.8220, -12.0140

Conversions

Conversions Part 2

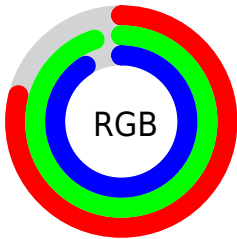
Format	Color
R_{YB}	201, 225, 243
Decimal	13235177
CIE _{Lab}	92.75, -15.44, 0.32
CIE _{LCh}	93, 15.441, 178.817
Yxy	82.4019, 0.2921, 0.3398
Android (android.graphics.Color)	4291425257 (0xFFC9F3E9)
YUV	229.3020, 1.8231, -24.8209
Hunter-Lab	90.7755, -19.5687, 5.2396

Details

The Yxy color **82.4019, 0.2921, 0.3398** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.5059, 0.3384, 0.3185**, and the grayscale version is **78.5818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8260, 0.2875, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **78.9755, 0.2811, 0.3469**, and if you desaturate by 10%, it is **86.3787, 0.3038, 0.3333**.

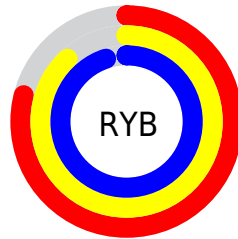
Distribution



Red (79%)

Green (95%)

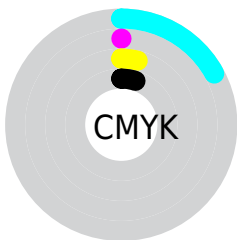
Blue (91%)



Red (79%)

Yellow (88%)

Blue (95%)

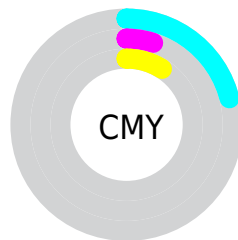


Cyan (17%)

Magenta (0%)

Yellow (4%)

Black (5%)



Cyan (21%)


Magenta (5%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4019, 0.2921, 0.3398 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 82.4019, 0.2921, 0.3398 by changing the saturation by 10% instead.

 82.4019, 0.2921,
0.3398

 82.4019, 0.2921,
0.3398


502.9910, 0.3014,
0.3349

 61.6969, 0.2900,
0.3409

136.7375, 0.2953,
0.3381

 44.7878, 0.2875,
0.3422


171.1368, 0.2966,
0.3375

 31.2903, 0.2843,
0.3439


210.8696, 0.2976,
0.3369

 20.8200, 0.2802,
0.3461

256.3205, 0.2986,
0.3364

 12.9925, 0.2746,
0.3490

307.8736, 0.2994,
0.3360

 7.4234, 0.2669,
0.3530

365.9135, 0.3002,

 3.7283, 0.2552,

0.3356

0.3592

430.8245, 0.3008,
0.3352

■ 1.5227, 0.2357,
0.3696

■ 0.3047, 0.0000,
0.4961

■ 82.4019, 0.2921,
0.3398

■ 82.4019, 0.2921,
0.3398

■ 78.9755, 0.2811,
0.3469

■ 86.3787, 0.3038,
0.3333

■ 76.0642, 0.2711,
0.3545

■ 90.9191, 0.3160,
0.3275

■ 73.6443, 0.2625,
0.3626

■ 92.2967, 0.3161,
0.3220

■ 71.6861, 0.2555,
0.3711

■ 92.5922, 0.3133,
0.3175

■ 70.1569, 0.2503,
0.3799

■ 69.0193, 0.2471,
0.3888

■ 68.2296, 0.2459,
0.3978

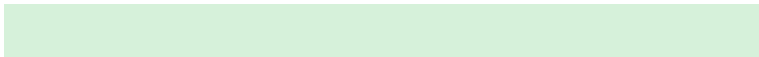
■ 67.7308, 0.2466,
0.4066

■ 67.6226, 0.2469,
0.4090

Harmonies

Analogous

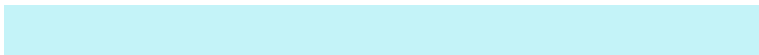
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4019, 0.3085, 0.3536



82.4019, 0.2921, 0.3398



82.4019, 0.2813, 0.3232

Triad

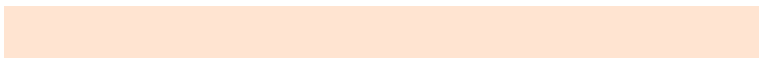
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4019, 0.2921, 0.3398



82.4019, 0.2985, 0.2995



82.4019, 0.3479, 0.3479

Complementary

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



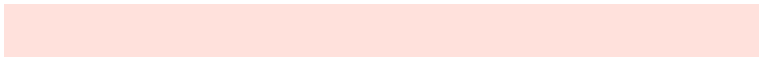
82.4019, 0.2921, 0.3398



65.5059, 0.3384, 0.3185

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.



82.4019, 0.3451, 0.3334



82.4019, 0.2921, 0.3398



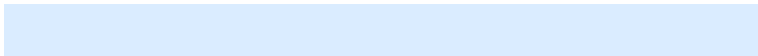
82.4019, 0.3162, 0.3061

Square

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



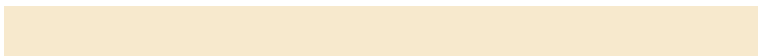
82.4019, 0.2921, 0.3398



82.4019, 0.2849, 0.3004



82.4019, 0.3334, 0.3183



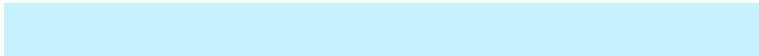
82.4019, 0.3409, 0.3579

Rectangle

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



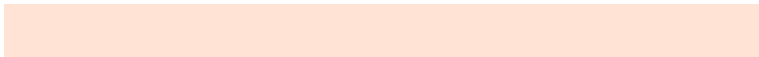
82.4019, 0.2921, 0.3398



82.4019, 0.2786, 0.3131



82.4019, 0.3334, 0.3183



82.4019, 0.3481, 0.3434

Sweetspot

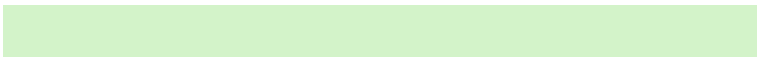
The Sweet Spot groups the original color and five complimentary colors.



82.4053, 0.2921, 0.3398



97.4676, 0.3066, 0.3319



82.2438, 0.3174, 0.3751



20.7887, 0.3058, 0.3324



0.0000, 0.0000, 0.0000



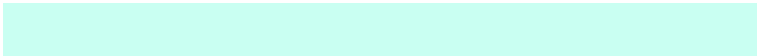
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4053, 0.2921, 0.3398



90.4261, 0.2879, 0.3424



76.8768, 0.2860, 0.3175



18.6864, 0.3012, 0.3347



37.1294, 0.2465, 0.4075



3.2792, 0.2435, 0.3965

Inverse Universe

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



65.5059, 0.3384, 0.3185



68.1084, 0.3453, 0.3161



70.0909, 0.3442, 0.3402



16.5472, 0.3256, 0.3234



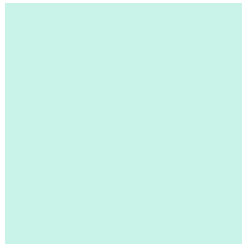
10.6420, 0.5968, 0.3061



0.9507, 0.5622, 0.2871

Previews

White Background



This preview shows how the Yxy color 82.4019, 0.2921, 0.3398 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 82.4019, 0.2921, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

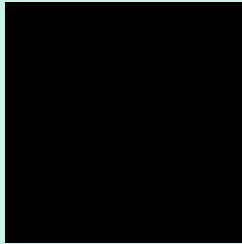
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

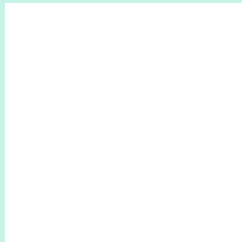
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4019, 0.2921, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 82.4019, 0.2921, 0.3398.

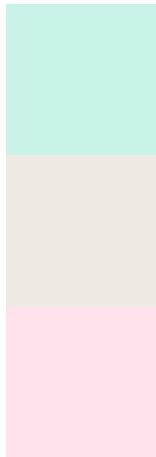


This preview shows how white text looks on a background with the Yxy color 82.4019, 0.2921, 0.3398.

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

82.4019, 0.2921, 0.3398

Protanopia

82.1746, 0.3206, 0.3352

Deuteranopia

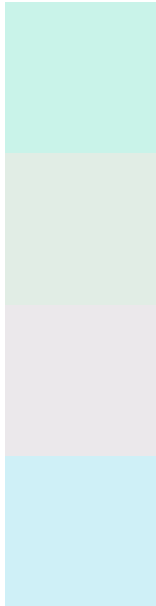
81.7088, 0.3265, 0.3192



Tritanopia

82.0707, 0.2851, 0.3112

Trichromacy



Original Color

82.4019, 0.2921, 0.3398

Protanomaly

82.2331, 0.3097, 0.3374

Deuteranomaly

81.3736, 0.3129, 0.3259

Tritanomaly

82.3010, 0.2878, 0.3215

Monochromacy



Original Color

82.4019, 0.2921, 0.3398

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.6189, 0.3052, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4019, 0.2921, 0.3398 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(201, 243, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 243, 233) }
```

Border

The CSS property to change the border of an element to Yxy 82.4019, 0.2921, 0.3398 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, 233) }
```

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

```
.border{ border-color:rgb(201, 243, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 243, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 243, 233); box-shadow:4px 4px 4px 4px rgb(201, 243, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4019, 0.2921, 0.3398 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, 233) }
```

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

```
.background{ background-color: rgb(201,  
243, 233) }
```

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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