

Converting Colors

$Yxy(82.2288, 0.2920, 0.3454)$

Have a look what the booklet for
Yxy(82.2288, 0.2920, 0.3454)
contains.

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Color

Yxy(82.2288, 0.2920, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	C5F4E5
RGB	197, 244, 229
RGB Percent	77%, 96%, 90%
CMY	0.2275, 0.0431, 0.1020
CMYK	0.19, 0.00, 0.06, 0.04
HSL	161°, 68%, 86%
HSV	161°, 19%, 96%
XYZ	69.5160, 82.2288, 86.3236
YIQ	228.2370, -23.1970, -14.6290

Conversions

Conversions Part 2

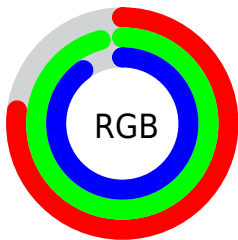
Format	Color
RYB	197, 225, 244
Decimal	12973285
CIELab	92.68, -17.94, 2.27
CIElCh	93, 18.082, 172.800
Yxy	82.2288, 0.2920, 0.3454
Android (android.graphics.Color)	4291163365 (0xFFC5F4E5)
YUV	228.2370, 0.3762, -27.3948
Hunter-Lab	90.6801, -21.8509, 7.0345

Details

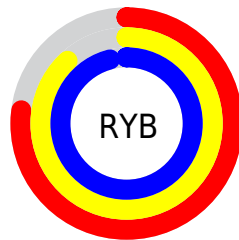
The Yxy color **82.2288, 0.2920, 0.3454** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.9189, 0.3389, 0.3132**, and the grayscale version is **77.7758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **44.8621, 0.2874, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **78.7748, 0.2821, 0.3552**, and if you desaturate by 10%, it is **86.2423, 0.3026, 0.3365**.

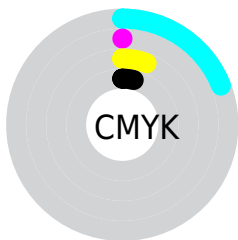
Distribution



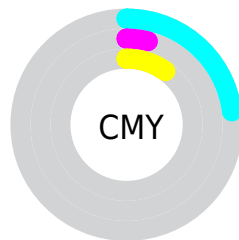
- Red (77%)
- Green (96%)
- Blue (90%)



- Red (77%)
- Yellow (88%)
- Blue (96%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (23%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.2288, 0.2920, 0.3454 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 82.2288, 0.2920, 0.3454 by changing the saturation by 10% instead.

82.2288, 0.2920,
0.3454

82.2288, 0.2920,
0.3454

502.4127, 0.3014,
0.3379

61.5541, 0.2899,
0.3471

136.4948, 0.2952,
0.3428

44.6725, 0.2873,
0.3492

170.8550, 0.2965,
0.3418

31.1996, 0.2841,
0.3518

210.5457, 0.2976,
0.3409

20.7509, 0.2799,
0.3552

255.9515, 0.2986,
0.3402

12.9420, 0.2742,
0.3598

307.4567, 0.2994,
0.3395

7.3886, 0.2663,
0.3663


365.4457, 0.3001,


3.7063, 0.2542,


0.3389


0.3764

430.3029, 0.3008,
0.3384


 1.5107, 0.2338,
0.3938

 0.2962, 0.0000,
0.6435

 82.2288, 0.2920,
0.3454


 82.2288, 0.2920,
0.3454


 78.7748, 0.2821,
0.3552


 86.2423, 0.3026,
0.3365

 75.8441, 0.2732,
0.3657

 90.8293, 0.3135,
0.3284

 73.4124, 0.2657,
0.3770

 93.0187, 0.3148,
0.3210

 71.4488, 0.2597,
0.3889

 93.1864, 0.3132,
0.3185

■ 69.9194, 0.2555,
0.4011

■ 68.7852, 0.2534,
0.4135

■ 68.0001, 0.2534,
0.4258

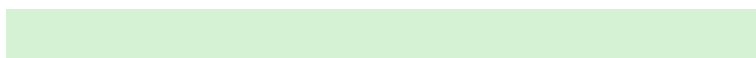
■ 67.4933, 0.2551,
0.4379

■ 67.4607, 0.2552,
0.4388

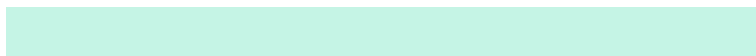
Harmonies

Analogous

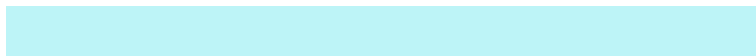
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2288, 0.3119, 0.3604



82.2288, 0.2920, 0.3454



82.2288, 0.2779, 0.3259

Triad

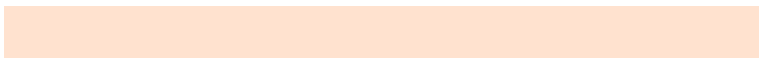
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2288, 0.2920, 0.3454



82.2288, 0.2923, 0.2941



82.2288, 0.3543, 0.3478

Complementary

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



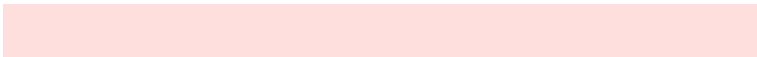
82.2288, 0.2920, 0.3454



63.9189, 0.3389, 0.3132

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.



82.2288, 0.3488, 0.3304



82.2288, 0.2920, 0.3454



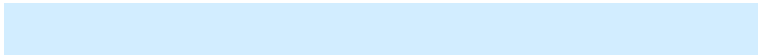
82.2288, 0.3124, 0.3002

Square

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



82.2288, 0.2920, 0.3454



82.2288, 0.2780, 0.2968



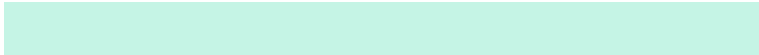
82.2288, 0.3332, 0.3132



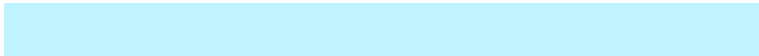
82.2288, 0.3482, 0.3611

Rectangle

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



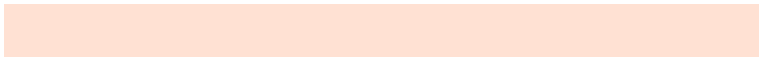
82.2288, 0.2920, 0.3454



82.2288, 0.2734, 0.3135



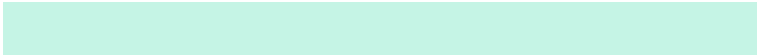
82.2288, 0.3332, 0.3132



82.2288, 0.3537, 0.3422

Sweetspot

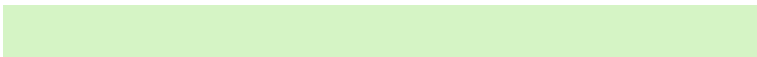
The Sweet Spot groups the original color and five complimentary colors.



82.2322, 0.2920, 0.3454



96.9019, 0.3061, 0.3338



82.8336, 0.3204, 0.3804



20.6718, 0.3054, 0.3343



0.0000, 0.0000, 0.0000



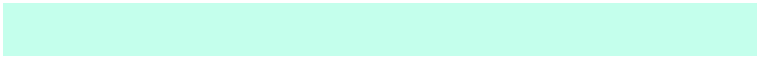
21.4041, 0.3127, 0.3290

Same Dimension

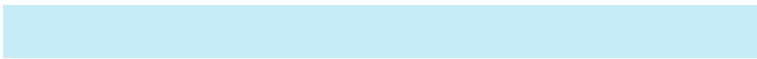
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2322, 0.2920, 0.3454



89.3738, 0.2882, 0.3490



78.4921, 0.2833, 0.3204



18.6624, 0.3023, 0.3367



36.7045, 0.2547, 0.4368



3.2446, 0.2504, 0.4216

Inverse Universe

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



63.9189, 0.3389, 0.3132



65.8090, 0.3454, 0.3099



66.8469, 0.3492, 0.3374



16.5698, 0.3243, 0.3215



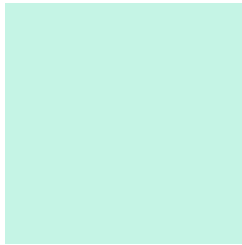
10.7788, 0.5693, 0.2910



0.9653, 0.5341, 0.2716

Previews

White Background



This preview shows how the Yxy color 82.2288, 0.2920, 0.3454 looks on a white background.

Color Contrast Check

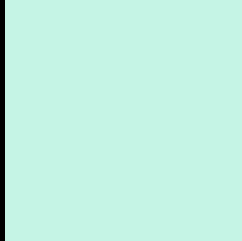
Large Text (above 18pt) WCAG AA × Fail

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 82.2288, 0.2920, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

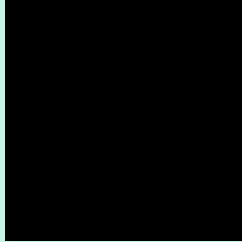
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

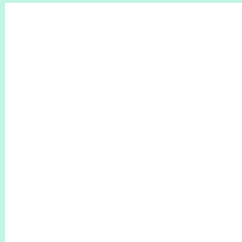
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2288, 0.2920, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 82.2288, 0.2920, 0.3454.

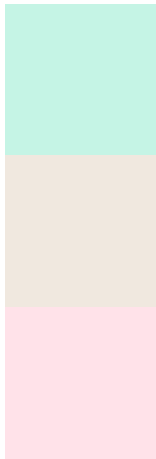


This preview shows how white text looks on a background with the Yxy color 82.2288, 0.2920, 0.3454.

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

82.2288, 0.2920, 0.3454

Protanopia

81.5662, 0.3240, 0.3383

Deuteranopia

81.5359, 0.3285, 0.3221



Tritanopia

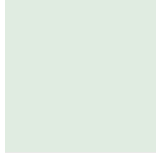
82.3629, 0.2840, 0.3122

Trichromacy



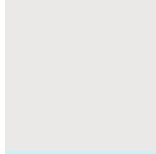
Original Color

82.2288, 0.2920, 0.3454



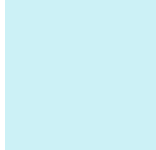
Protanomaly

81.2744, 0.3115, 0.3406



Deuteranomaly

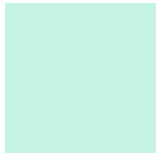
81.5964, 0.3140, 0.3300



Tritanomaly

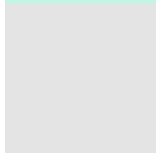
82.4018, 0.2866, 0.3236

Monochromacy



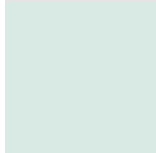
Original Color

82.2288, 0.2920, 0.3454



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

79.1988, 0.3051, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2288, 0.2920, 0.3454 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(197, 244, 229)` looks like.

```
.text, #text, p{  
    color:rgb(197, 244, 229)  
}
```

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(197, 244, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 244, 229) }
```

Border

The CSS property to change the border of an element to Yxy 82.2288, 0.2920, 0.3454 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(197, 244, 229) }
```

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

```
.border{ border-color:rgb(197, 244, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 244, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 244, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 244, 229);  
box-shadow:4px 4px 4px 4px rgb(197, 244,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2288, 0.2920, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 244, 229) }
```

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

```
.background{ background-color: rgb(197,  
244, 229) }
```

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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