

Converting Colors

Yxy(81.9474, 0.2946, 0.3594)

Have a look what the booklet for
Yxy(81.9474, 0.2946, 0.3594)
contains.

Yxy(82.0499, 0.2946, 0.3602)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.0499, 0.2946, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	BFF6DA
RGB	191, 246, 218
RGB Percent	75%, 96%, 85%
CMY	0.2508, 0.0353, 0.1451
CMYK	0.22, 0.00, 0.11, 0.04
HSL	149°, 75%, 86%
HSV	149°, 22%, 96%
XYZ	67.1069, 82.0499, 78.6331
YIQ	226.3630, -23.7920, -20.3680

Conversions

Conversions Part 2

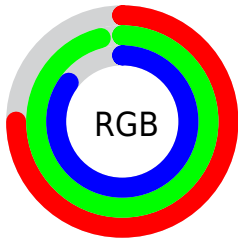
Format	Color
R _{YB}	191, 228, 246
Decimal	12580570
CIE Lab	92.60, -22.86, 7.80
CIE LCh	93, 24.159, 161.166
Yxy	82.0499, 0.2946, 0.3602
Android (android.graphics.Color)	4290770650 (0xFFBFF6DA)
YUV	226.3630, -4.1230, -31.0134
Hunter-Lab	90.5814, -26.2764, 11.9378

Details

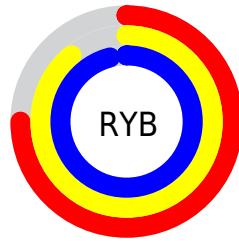
The Yxy color **82.0499, 0.2946, 0.3602** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.9939, 0.3358, 0.2998**, and the grayscale version is **76.3824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **44.7896, 0.2907, 0.3684** is the 20% darker color. If you saturate the color by 10%, you get **78.4946, 0.2872, 0.3767**, and if you desaturate by 10%, it is **86.1973, 0.3025, 0.3453**.

Distribution



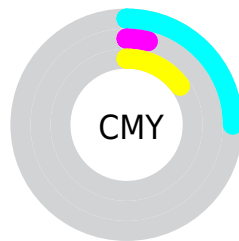
- Red (75%)
- Green (96%)
- Blue (85%)



- Red (75%)
- Yellow (89%)
- Blue (96%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)





- Cyan (25%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0499, 0.2946, 0.3602 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 82.0499, 0.2946, 0.3602 by changing the saturation by 10% instead.

 82.0499, 0.2946,
0.3602

 82.0499, 0.2946,
0.3602


501.8146, 0.3030,
0.3457

 61.4067, 0.2927,
0.3635

 136.2440, 0.2975,
0.3552

 44.5534, 0.2903,
0.3676

170.5636, 0.2986,
0.3532

 31.1058, 0.2873,
0.3728


210.2108, 0.2996,
0.3515

 20.6795, 0.2835,
0.3797

255.5700, 0.3005,
0.3501

 12.8899, 0.2781,
0.3890

307.0256, 0.3012,
0.3488

 7.3528, 0.2705,
0.4026

364.9620, 0.3019,

 3.6837, 0.2586,

0.3477

0.4239

429.7635, 0.3024,
0.3466

■ 1.4982, 0.2369,
0.4626

■ 0.2875, 0.0000,
1.0000

■ 82.0499, 0.2946,
0.3602

■ 82.0499, 0.2946,
0.3602

■ 78.4946, 0.2872,
0.3767

■ 86.1973, 0.3025,
0.3453

■ 75.4933, 0.2806,
0.3945

■ 90.9525, 0.3108,
0.3319

■ 73.0194, 0.2753,
0.4136

■ 94.3875, 0.3131,
0.3204

■ 71.0396, 0.2715,
0.4335

■ 69.5169, 0.2695,
0.4537

■ 68.4087, 0.2695,
0.4738

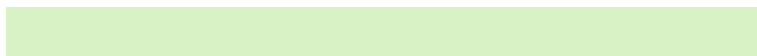
■ 67.6640, 0.2715,
0.4930

■ 67.2801, 0.2742,
0.5069

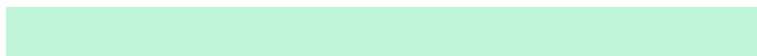
Harmonies

Analogous

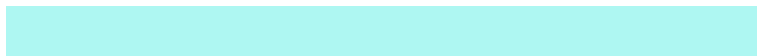
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0499, 0.3223, 0.3762



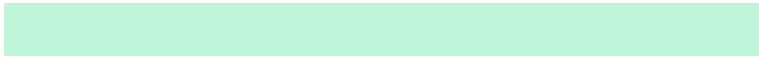
82.0499, 0.2946, 0.3602



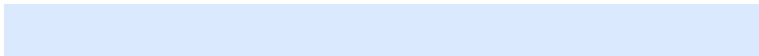
82.0499, 0.2724, 0.3349

Triad

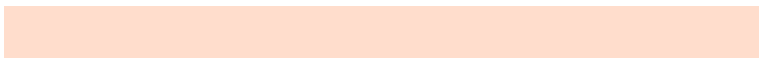
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0499, 0.2946, 0.3602



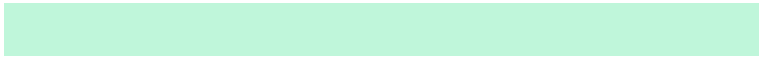
82.0499, 0.2769, 0.2828



82.0499, 0.3675, 0.3448

Complementary

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



82.0499, 0.2946, 0.3602



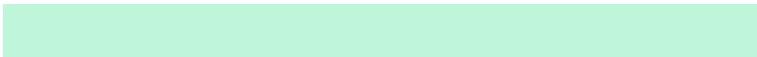
61.9939, 0.3358, 0.2998

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.



82.0499, 0.3543, 0.3214



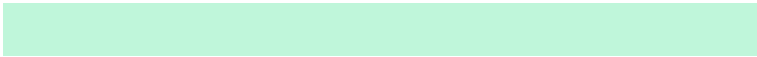
82.0499, 0.2946, 0.3602



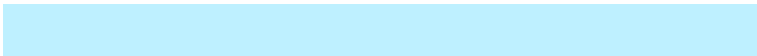
82.0499, 0.3012, 0.2866

Square

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



82.0499, 0.2946, 0.3602



82.0499, 0.2626, 0.2905



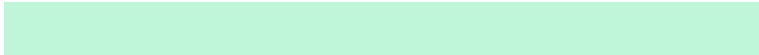
82.0499, 0.3296, 0.3005



82.0499, 0.3651, 0.3656

Rectangle

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



82.0499, 0.2946, 0.3602



82.0499, 0.2633, 0.3173



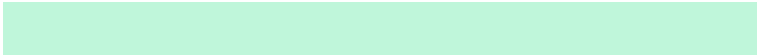
82.0499, 0.3296, 0.3005



82.0499, 0.3647, 0.3370

Sweetspot

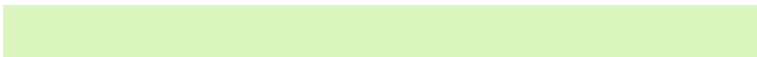
The Sweet Spot groups the original color and five complimentary colors.



82.0533, 0.2946, 0.3602



96.1985, 0.3069, 0.3380



84.7999, 0.3283, 0.3882



20.5236, 0.3064, 0.3388



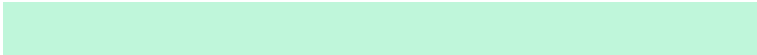
0.0000, 0.0000, 0.0000



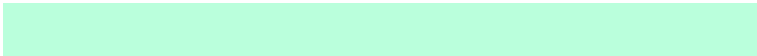
21.4041, 0.3127, 0.3290

Same Dimension

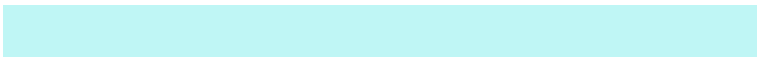
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0533, 0.2946, 0.3602



87.1413, 0.2910, 0.3678



83.5884, 0.2800, 0.3299



18.6076, 0.3049, 0.3413



35.9419, 0.2733, 0.5040



3.1797, 0.2669, 0.4808

Inverse Universe

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



61.9939, 0.3358, 0.2998



61.6735, 0.3420, 0.2933



60.6817, 0.3578, 0.3282



16.6234, 0.3214, 0.3170



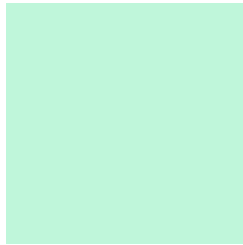
11.2810, 0.4920, 0.2484



1.0123, 0.4647, 0.2334

Previews

White Background



This preview shows how the Yxy color 82.0499, 0.2946, 0.3602 looks on a white background.

Color Contrast Check

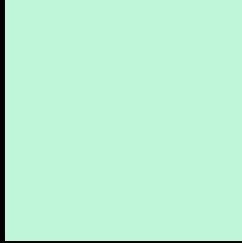
Large Text (above 18pt) WCAG AA × Fail

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 82.0499, 0.2946, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

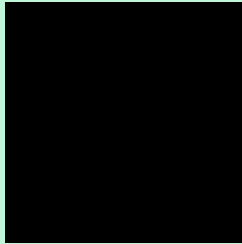
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

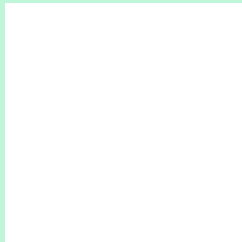
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0499, 0.2946, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 82.0499, 0.2946, 0.3602.

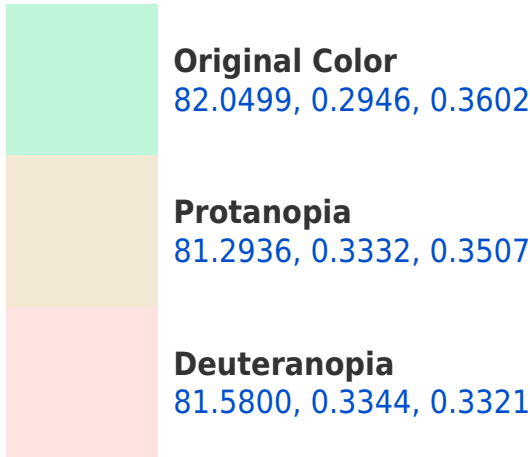


This preview shows how white text looks on a background with the Yxy color 82.0499, 0.2946, 0.3602.

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

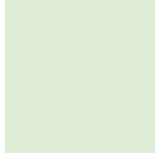
81.9321, 0.2822, 0.3121

Trichromacy



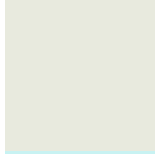
Original Color

82.0499, 0.2946, 0.3602



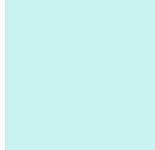
Protanomaly

81.1114, 0.3176, 0.3536



Deuteranomaly

81.2754, 0.3189, 0.3416



Tritanomaly

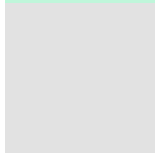
82.1944, 0.2865, 0.3289

Monochromacy



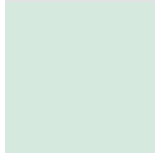
Original Color

82.0499, 0.2946, 0.3602



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

77.7517, 0.3055, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0499, 0.2946, 0.3602 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(191, 246, 218)` looks like.

```
.text, #text, p{  
    color:rgb(191, 246, 218)  
}
```

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(191, 246, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 246, 218) }
```

Border

The CSS property to change the border of an element to Yxy 82.0499, 0.2946, 0.3602 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(191, 246, 218) }
```

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

```
.border{ border-color:rgb(191, 246, 218) }
```

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

Here you see how a box with a 4 pixel rgb(191, 246, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 246, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 246, 218);  
box-shadow:4px 4px 4px 4px rgb(191, 246,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0499, 0.2946, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 246, 218) }
```

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

```
.background{ background-color: rgb(191,  
246, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor